

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO DLAP PGAE-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO DLAP_PGAE-APND, Day Ahead
Contract Code	HLB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of DLAP_PGAE-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO DLAP SCE-APND Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, CAISO DLAP_SCE-APND, Day Ahead
Contract Code	FOY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot <u>Contract</u> Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr <u>oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the fourth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO DLAP SCE-APND Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, CAISO DLAP_SCE-APND, Day Ahead
Contract Code	FOZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1 MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day</u> is the fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO DLAP SCE-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO DLAP_SCE-APND, Day Ahead
Contract Code	HLC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of DLAP_SCE-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <u>These price files can be found, published by CAISO, at the following link (or at successor location.):</u> <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO DLAP SCE-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO DLAP_SCE-APND, Day Ahead
Contract Code	HLD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of DLAP_SCE-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO DLAP SDGE-APND Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, CAISO DLAP_SDGE-APND, Day Ahead
Contract Code	FPA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1 MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
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Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO DLAP SDGE-APND Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, CAISO DLAP_SDGE-APND, Day Ahead
Contract Code	FPB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO DLAP SDGE-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO DLAP_SDGE-APND, Day Ahead
Contract Code	HLE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of DLAP_SDGE-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO DLAP SDGE-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO DLAP_SDGE-APND, Day Ahead
Contract Code	HLF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
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Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of DLAP_SDGE-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO ELCENTRO 2 N001 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO ELCENTRO_2_N001, Day Ahead
Contract Code	HUE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of ELCENTRO_2_N001 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd> mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO ELCENTRO 2 N001 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO ELCENTRO_2_N001, Day Ahead
Contract Code	HUF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of ELCENTRO_2_N001 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO IMPRLVLY 2 B2 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO IMPRLVLY_2_B2, Day Ahead
Contract Code	HLM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of IMPRLVLY_2_B2 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO IMPRLVLY 2 B2 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO IMPRLVLY_2_B2, Day Ahead
Contract Code	HLN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of IMPRLVLY_2_B2 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO INTERM1G 7 N501 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO INTERM1G_7_N501, Day Ahead
Contract Code	HLO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of INTERM1G_7_N501 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO INTERM1G 7 N501 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO INTERM1G_7_N501, Day Ahead
Contract Code	HLP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of INTERM1G_7_N501 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MALIN 5 N101 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO MALIN_5_N101, Day Ahead
Contract Code	HLQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MALIN_5_N101 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MALIN 5 N101 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO MALIN_5_N101, Day Ahead
Contract Code	HLR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MALIN_5_N101 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MARKETPL 5 N501 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO MARKETPL_5_N501, Day Ahead
Contract Code	HLS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MARKETPL_5_N501 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MARKETPL 5 N501 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO MARKETPL_5_N501, Day Ahead
Contract Code	HLT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MARKETPL_5_N501 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MCCULLGH 5 N101 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO MCCULLGH_5_N101, Day Ahead
Contract Code	HNO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MCCULLGH_5_N101 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MCCULLGH 5 N101 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO MCCULLGH_5_N101, Day Ahead
Contract Code	HNP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MCCULLGH_5_N101 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MCSWAIN 6 N001 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO MCSWAIN_6_N001, Day Ahead
Contract Code	HNW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MCSWAIN_6_N001 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MCSWAIN 6 N001 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO MCSWAIN_6_N001, Day Ahead
Contract Code	HNX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MCSWAIN_6_N001 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MEAD 5 N501 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO MEAD_5_N501, Day Ahead
Contract Code	HOQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MEAD_5_N501 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MEAD 5 N501 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO MEAD_5_N501, Day Ahead
Contract Code	HOR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MEAD_5_N501 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MEADS 2 N101 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO MEADS_2_N101, Day Ahead
Contract Code	HLU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MEADS_2_N101 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MEADS 2 N101 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO MEADS_2_N101, Day Ahead
Contract Code	HLV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MEADS_2_N101 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MIDWAY 5 B1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO MIDWAY_5_B1, Day Ahead
Contract Code	HLY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>on the Last Trading</u> Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MIDWAY_5_B1 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MIDWAY 5 B1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO MIDWAY_5_B1, Day Ahead
Contract Code	HLZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MIDWAY_5_B1 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MISSION 2 N035 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO MISSION_2_N035, Day Ahead
Contract Code	HMA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MISSION_2_N035 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <u><a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM".</a' prices=""></u>
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MISSION 2 N035 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO MISSION_2_N035, Day Ahead
Contract Code	HMB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MISSION_2_N035 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MISSION 1 N015 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO MISSION_1_N015, Day Ahead
Contract Code	HMC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MISSION_1_N015 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO MISSION 1 N015 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO MISSION_1_N015, Day Ahead
Contract Code	HMD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of MISSION_1_N015 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO PALOVRDE ASR-APND Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, CAISO PALOVRDE_ASR-APND, Day Ahead
Contract Code	FQA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO PALOVRDE ASR-APND Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, CAISO PALOVRDE_ASR-APND, Day Ahead
Contract Code	FQB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so . For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO PALOVRDE ASR-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO PALOVRDE_ASR-APND, Day Ahead
Contract Code	HMK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of PALOVRDE_ASR-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO PALOVRDE ASR-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO PALOVRDE_ASR-APND, Day Ahead
Contract Code	HML
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of PALOVRDE_ASR-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO POD DIABLO 7 UNIT 2-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO POD_DIABLO_7_UNIT 2-APND, Day Ahead
Contract Code	HMM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of POD_DIABLO_7_UNIT 2-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO POD DIABLO 7 UNIT 2-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO POD_DIABLO_7_UNIT 2-APND, Day Ahead
Contract Code	HMN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of POD_DIABLO_7_UNIT 2-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO POD_EXCHEC_7_UNIT 1-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO POD_EXCHEC_7_UNIT 1-APND, Day Ahead
Contract Code	HOI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of POD_EXCHEC_7_UNIT 1-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO POD_EXCHEC_7_UNIT 1-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO POD_EXCHEC_7_UNIT 1-APND, Day Ahead
Contract Code	HOJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of POD_EXCHEC_7_UNIT 1-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO POD MOSSLD 2 PSP2-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO POD_MOSSLD_2_PSP2-APND, Day Ahead
Contract Code	HMI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of POD_MOSSLD_2_PSP2-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO POD MOSSLD 2 PSP2-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO POD_MOSSLD_2_PSP2-APND, Day Ahead
Contract Code	HMJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of POD_MOSSLD_2_PSP2-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO ROA-230 2 N101 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO ROA-230_2_N101, Day Ahead
Contract Code	HMQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of ROA-230_2_N101 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO ROA-230 2 N101 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO ROA-230_2_N101, Day Ahead
Contract Code	HMR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of ROA-230_2_N101 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SLAP PGHB-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO SLAP_PGHB-APND, Day Ahead
Contract Code	HMS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SLAP_PGHB-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SLAP PGHB-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO SLAP_PGHB-APND, Day Ahead
Contract Code	HMT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SLAP_PGHB-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SLVRPS2 7 N001 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO SLVRPS2_7_N001, Day Ahead
Contract Code	HMU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SLVRPS2_7_N001 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SLVRPS2 7 N001 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO SLVRPS2_7_N001, Day Ahead
Contract Code	HMV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SLVRPS2_7_N001 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SMDA ASR-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO SMDA_ASR-APND, Day Ahead
Contract Code	HMW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SMDA_ASR-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SMDA ASR-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO SMDA_ASR-APND, Day Ahead
Contract Code	HMX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SMDA_ASR-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SMDH ASR-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO SMDH_ASR-APND, Day Ahead
Contract Code	HOU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SMDH_ASR-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SMDH ASR-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO SMDH_ASR-APND, Day Ahead
Contract Code	HOV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SMDH_ASR-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SONOFR2 7 B1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO SONOFR2_7_B1, Day Ahead
Contract Code	HMY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SONOFR2_7_B1 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SONOFR2 7 B1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO SONOFR2_7_B1, Day Ahead
Contract Code	HMZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SONOFR2_7_B1 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SUMMIT ASR-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO SUMMIT_ASR-APND, Day Ahead
Contract Code	HOM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SUMMIT_ASR-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SUMMIT ASR-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO SUMMIT_ASR-APND, Day Ahead
Contract Code	HON
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SUMMIT_ASR-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SYLMARDC 2 N501 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO SYLMARDC_2_N501, Day Ahead
Contract Code	HNA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SYLMARDC_2_N501 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO SYLMARDC 2 N501 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO SYLMARDC_2_N501, Day Ahead
Contract Code	HNB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of SYLMARDC_2_N501 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH NP15 GEN-APND Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, CAISO TH_NP15_GEN-APND, Day Ahead
Contract Code	FQU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH NP15 GEN-APND Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, CAISO TH_NP15_GEN-APND, Day Ahead
Contract Code	FQV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so . For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH NP15 GEN-APND Monthly Day Ahead HE 7-8 and 17-22 (6x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 7 - 8 and 17 - 22 (6x) Power, CAISO TH_NP15_GEN-APND, Day Ahead
Contract Code	XCA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 7-8 and 17-22, 6x hours within the month traded. For example, in a month with 200 HE 7-8 and 17-22, 6x hours, the Contract Size equals 200 MWh. The definition of HE 7-8 and 17-22, 6x is Hour Ending 0700 – 0800 and 1700 - 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Day Ahead hourly LMP for all HE 7-8 and 17-22, 6x. These price files can be found, published by CAISO, at the following link (or at successor location.): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH NP15 GEN-APND Monthly Day Ahead HE 9-16 (7x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 9 - 16 (7x) Power, CAISO TH_NP15_GEN-APND, Day Ahead
Contract Code	XCD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 9-16, 7x hours within the month traded. For example, in a month with 240 HE 9-16, 7x hours, the Contract Size equals 240 MWh. The definition of HE 9-16, 7x is Hour Ending 0900 – 1600 Monday through Sunday, Pacific Prevailing Time (PPT), including NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Day Ahead hourly LMP for all HE 9-16, 7x. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH NP15 GEN-APND Monthly Day Ahead HE 9-16 (6x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 9 - 16 (6x) Power, CAISO TH_NP15_GEN-APND, Day Ahead
Contract Code	XCF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 9-16, 6x hours within the month traded. For example, in a month with 200 HE 9-16, 6x hours, the Contract Size equals 200 MWh. The definition of HE 9-16, 6x is Hour Ending 0900 – 1600 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Day Ahead hourly LMP for all HE 9-16, 6x. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH NP15 GEN-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO TH_NP15_GEN-APND, Day Ahead
Contract Code	HKU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of TH_NP15_GEN-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH NP15 GEN-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO TH_NP15_GEN-APND, Day Ahead
Contract Code	HKV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of TH_NP15_GEN-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH SP15 GEN-APND Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, CAISO TH_SP15_GEN-APND, Day Ahead
Contract Code	FQW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so . For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH SP15 GEN-APND Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, CAISO TH_SP15_GEN-APND, Day Ahead
Contract Code	FQX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so . For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH SP15 GEN-APND Monthly Day Ahead HE 7-8 and 17-22 (6x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 7 - 8 and 17 - 22 (6x) Power, CAISO TH_SP15_GEN-APND, Day Ahead
Contract Code	XCB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 7-8 and 17-22, 6x hours within the month traded. For example, in a month with 200 HE 7-8 and 17-22, 6x hours, the Contract Size equals 200 MWh. The definition of HE 7-8 and 17-22, 6x is Hour Ending 0700 – 0800 and 1700 - 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Day Ahead hourly LMP for all HE 7-8 and 17-22, 6x. These price files can be found, published by CAISO, at the following link (or at successor location.): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH SP15 GEN-APND Monthly Day Ahead HE 9-16 (7x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 9 - 16 (7x) Power, CAISO TH_SP15_GEN-APND, Day Ahead
Contract Code	XCE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 9-16, 7x hours within the month traded. For example, in a month with 240 HE 9-16, 7x hours, the Contract Size equals 240 MWh. The definition of HE 9-16, 7x is Hour Ending 0900 – 1600 Monday through Sunday, Pacific Prevailing Time (PPT), including NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Day Ahead hourly LMP for all HE 9-16, 7x. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH SP15 GEN-APND Monthly Day Ahead HE 9-16 (6x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 9 - 16 (6x) Power, CAISO TH_SP15_GEN-APND, Day Ahead
Contract Code	XCG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 9-16, 6x hours within the month traded. For example, in a month with 200 HE 9-16, 6x hours, the Contract Size equals 200 MWh. The definition of HE 9-16, 6x is Hour Ending 0900 – 1600 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Day Ahead hourly LMP for all HE 9-16, 6x. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH SP15 GEN-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO TH_SP15_GEN-APND, Day Ahead
Contract Code	HKW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of TH_SP15_GEN-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <u><a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM".</a' prices=""></u>
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH SP15 GEN-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO TH_SP15_GEN-APND, Day Ahead
Contract Code	HKX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of TH_SP15_GEN-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH_ZP26_GEN-APND Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, CAISO TH_ZP26_GEN-APND, Day Ahead
Contract Code	FQY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so . For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd> mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH_ZP26 GEN-APND Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, CAISO TH_ZP26_GEN-APND, Day Ahead
Contract Code	FQZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by CAISO, at the following link (or at successor location-): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH_ZP26_GEN-APND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO TH_ZP26_GEN-APND, Day Ahead
Contract Code	HKY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of TH_ZP26_GEN-APND for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TH_ZP26_GEN-APND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO TH_ZP26_GEN-APND, Day Ahead
Contract Code	HKZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of TH_ZP26_GEN-APND for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TJI-230 2 N101 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO TJI-230_2_N101, Day Ahead
Contract Code	HNE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of TJI-230_2_N101 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO TJI-230 2 N101 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO TJI-230_2_N101, Day Ahead
Contract Code	HNF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of TJI-230_2_N101 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO VALLEYSC 1 N013 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO VALLEYSC_1_N013, Day Ahead
Contract Code	HNS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of VALLEYSC_1_N013 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO VALLEYSC 1 N013 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO VALLEYSC_1_N013, Day Ahead
Contract Code	HNT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of VALLEYSC_1_N013 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO VICTORVL 5 N101 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO VICTORVL_5_N101, Day Ahead
Contract Code	HNG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of VICTORVL_5_N101 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO VICTORVL 5 N101 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO VICTORVL_5_N101, Day Ahead
Contract Code	HNH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of VICTORVL_5_N101 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <u><a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM".</a' prices=""></u>
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO VINCENT 5 B2 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO VINCENT_5_B2, Day Ahead
Contract Code	HNI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of VINCENT_5_B2 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr oasis/logon.do , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO VINCENT 5 B2 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO VINCENT_5_B2, Day Ahead
Contract Code	HNJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of VINCENT_5_B2 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location.): <u><a href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mr</u> <u>oasis/logon.do</u> , under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM".
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> fourth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO WESTWING 5 N501 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion CAISO WESTWING_5_N501, Day Ahead
Contract Code	HNK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of WESTWING_5_N501 for all On-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

CAISO WESTWING 5 N501 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion CAISO WESTWING_5_N501, Day Ahead
Contract Code	HNL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 14 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of CAISO SP15 plus the day-ahead hourly Congestion price of WESTWING_5_N501 for all Off-Peak hours in the contract month. These price files can be found, published by CAISO, at the following link (or at successor location-): <a >="" energy="" href="http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings " locational="" marginal="" market='DAM"' prices="">http://oasis.caiso.com/mrtu-oasis/SingleZip?resultformat=6&queryname=PRC_LMP&market_run_id=DAM&grp_type=ALL&startdate=<yyyymmdd>&enddate=<yyyymmdd>mrioasis/logon.do, under the headings "Prices > Energy Prices > Locational Marginal Prices > Market = DAM" .
Final Settlement (Payment) Date Day	The Final Settlement Day is the fourth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC E Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT DC_E, Day Ahead
Contract Code	GYK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) DateDay	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC E Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT DC_E, Day Ahead
Contract Code	GYL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M
Final Settlement (Payment) Date	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC E Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT DC_E, Day Ahead
Contract Code	GYM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1 MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC E Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT DC_E, Day Ahead
Contract Code	GYN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC N Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT DC_N, Day Ahead
Contract Code	GYG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC N Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT DC_N, Day Ahead
Contract Code	GYH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC N Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT DC_N, Day Ahead
Contract Code	GYI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOTCD. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC N Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT DC_N, Day Ahead
Contract Code	GYJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC R Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT DC_R, Day Ahead
Contract Code	GYC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC R Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT DC_R, Day Ahead
Contract Code	GYD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC R Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT DC_R, Day Ahead
Contract Code	GYE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT DC R Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT DC_R, Day Ahead
Contract Code	GYF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT CD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_HOUSTON, Day Ahead
Contract Code	FVC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_HOUSTON, Day Ahead
Contract Code	FVD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_HOUSTON, Day Ahead
Contract Code	GAL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_HOUSTON, Day Ahead
Contract Code	GAK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_HOUSTON, Real Time
Contract Code	FOI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_HOUSTON, Real Time
Contract Code	FOJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_HOUSTON, Real Time
Contract Code	GBB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_HOUSTON, Real Time
Contract Code	GBA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1 MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Real Time HE 10-17 (7x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 10-17 (7x) Power, ERCOT HB_HOUSTON, Real Time
Contract Code	XAD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal <u>equals</u> 1 MW multiplied by the number of HE 10-17, 7x hours within the month traded. <u>For example, in a month with 240 10-17, 7x hours, the Contract Size equals 240 MWh.</u> The definition of HE 10-17, 7x is Hour Ending 1000 – 1700 Monday through Sunday, Central Prevailing Time (CPT), including NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Final Settlement Date <u>Day</u> . The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all HE 10-17, 7x. These price files can be found, published by ERCOT, at the following link (or at successor location-): <u>https://www.ercot.com/content/cdr/html/real_time_spp.html</u> ERCOT.html . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: <u>https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Real Time HE 18-22 (5x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 18-22 (5x) Power, ERCOT HB_HOUSTON, Real Time
Contract Code	XBB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 18-22, 5x hours within the month traded. For example, in a month with 100 HE 18-22, 5x hours, the Contract Size equals 100 MWh. The definition of HE 18-22, 5x is Hour Ending 1800 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all HE 18-22, 5x. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB HOUSTON Monthly Real Time 7x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x16 Power, ERCOT HB_HOUSTON, Real Time
Contract Code	XDD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x16 hours within the month traded. For example, in a month with 480 7x16 hours, the Contract Size equals 480 MWh. The definition of 7x16 hours is Hour Ending (HE) 0700 – 2200 Monday through Sunday, Central Prevailing Time (CPT), including NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all 7x16 hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_NORTH, Day Ahead
Contract Code	FVE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day</u> is the sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_NORTH, Day Ahead
Contract Code	FVF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_NORTH, Day Ahead
Contract Code	GAN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_NORTH, Day Ahead
Contract Code	GAM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_NORTH, Real Time
Contract Code	FOK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_NORTH, Real Time
Contract Code	FOL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_NORTH, Real Time
Contract Code	GBD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in <u>1MW, with variable underlying</u> megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot <u>Contract</u> Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): <u>https://www.ercot.com/content/cdr/html/real_time_spp.html</u> ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M.
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_NORTH, Real Time
Contract Code	GBC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1 MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Real Time HE 10-17 (7x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 10-17 (7x) Power, ERCOT HB_NORTH, Real Time
Contract Code	XAC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 10-17, 7x hours within the month traded. For example, in a month with 240 10-17, 7x hours, the Contract Size equals 240 MWh. The definition of HE 10-17, 7x is Hour Ending 1000 – 1700 Monday through Sunday, Central Prevailing Time (CPT), including NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all HE 10-17, 7x. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Real Time HE 18-22 (5x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 18-22 (5x) Power, ERCOT HB_NORTH, Real Time
Contract Code	XBA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 18-22, 5x hours within the month traded. For example, in a month with 100 HE 18-22, 5x hours, the Contract Size equals 100 MWh. The definition of HE 18-22, 5x is Hour Ending 1800 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all HE 18-22, 5x. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Real Time HE 7-11 (5x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 7-11 (5x) Power, ERCOT HB_NORTH, Real Time
Contract Code	XBE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 07-11, 5x hours within the month traded. For example, in a month with 100 HE 07-11, 5x hours, the Contract Size equals 100 MWh. The definition of HE 07-11, 5x is Hour Ending 0700 – 1100 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all HE 07-11, 5x. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB NORTH Monthly Real Time 7x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x16 Power, ERCOT HB_NORTH, Real Time
Contract Code	XDC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x16 hours within the month traded. For example, in a month with 480 7x16 hours, the Contract Size equals 480 MWh. The definition of 7x16 hours is Hour Ending (HE) 0700 – 2200 Monday through Sunday, Central Prevailing Time (CPT), including NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all 7x16 hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB PAN Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_PAN, Day Ahead
Contract Code	LPV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot <u>Contract</u> Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB PAN Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_PAN, Day Ahead
Contract Code	LPU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB PAN Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_PAN, Day Ahead
Contract Code	LPT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB PAN Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_PAN, Day Ahead
Contract Code	LPS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB PAN Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_PAN, Real Time
Contract Code	LPZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB PAN Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_PAN, Real Time
Contract Code	LPY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day</u> is the sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB PAN Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_PAN, Real Time
Contract Code	LPX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB PAN Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_PAN, Real Time
Contract Code	LPW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_SOUTH, Day Ahead
Contract Code	FVG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_SOUTH, Day Ahead
Contract Code	FVH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_SOUTH, Day Ahead
Contract Code	GAP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_SOUTH, Day Ahead
Contract Code	GAO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_SOUTH, Real Time
Contract Code	FOM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in <u>1MW, with variable underlying</u> megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot <u>Contract</u> Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_SOUTH, Real Time
Contract Code	FON
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_SOUTH, Real Time
Contract Code	GBF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . <u>ERCOT correction prices are found at a different location, and are currently posted at:</u> https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_SOUTH, Real Time
Contract Code	GBE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Real Time HE 10-17 (7x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 10-17 (7x) Power, ERCOT HB_SOUTH, Real Time
Contract Code	XAF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of HE <u>HE</u> 10-17, 7x hours within the month traded. For example, in a month with 240 10-17, 7x hours, the Contract Size equals 240 MWh. The definition of HE 10-17, 7x is Hour Ending 1000 – 1700 Monday through Sunday, Central Prevailing Time (CPT), including NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date <u>Day</u> . The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all HE 10-17, 7x. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day</u> is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Real Time HE 18-22 (5x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 18-22 (5x) Power, ERCOT HB_SOUTH, Real Time
Contract Code	XBD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 18-22, 5x hours within the month traded. For example, in a month with 100 HE 18-22, 5x hours, the Contract Size equals 100 MWh. The definition of HE 18-22, 5x is Hour Ending 1800 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all HE 18-22, 5x. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB SOUTH Monthly Real Time 7x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x16 Power, ERCOT HB_SOUTH, Real Time
Contract Code	XDF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x16 hours within the month traded. For example, in a month with 480 7x16 hours, the Contract Size equals 480 MWh. The definition of 7x16 hours is Hour Ending (HE) 0700 – 2200 Monday through Sunday, Central Prevailing Time (CPT), including NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all 7x16 hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_WEST, Day Ahead
Contract Code	FVI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_WEST, Day Ahead
Contract Code	FVJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_WEST, Day Ahead
Contract Code	GAR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_WEST, Day Ahead
Contract Code	GAQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT HB_WEST, Real Time
Contract Code	FOO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT HB_WEST, Real Time
Contract Code	FOP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT HB_WEST, Real Time
Contract Code	GBH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT HB_WEST, Real Time
Contract Code	GBG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): <u>https://www.ercot.com/content/cdr/html/real_time_spp.html</u> ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: <u>https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_</u>
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Real Time HE 10-17 (7x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 10-17 (7x) Power, ERCOT HB_WEST, Real Time
Contract Code	XAE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 10-17, 7x hours within the month traded. For example, in a month with 240 10-17, 7x hours, the Contract Size equals 240 MWh. The definition of HE 10-17, 7x is Hour Ending 1000 – 1700 Monday through Sunday, Central Prevailing Time (CPT), including NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all HE 10-17, 7x. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Real Time HE 18-22 (5x) Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial HE 18-22 (5x) Power, ERCOT HB_WEST, Real Time
Contract Code	XBC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of HE 18-22, 5x hours within the month traded. For example, in a month with 100 HE 18-22, 5x hours, the Contract Size equals 100 MWh. The definition of HE 18-22, 5x is Hour Ending 1800 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all HE 18-22, 5x. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT HB WEST Monthly Real Time 7x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x16 Power, ERCOT HB_WEST, Real Time
Contract Code	XDE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x16 hours within the month traded. For example, in a month with 480 7x16 hours, the Contract Size equals 480 MWh. The definition of 7x16 hours is Hour Ending (HE) 0700 – 2200 Monday through Sunday, Central Prevailing Time (CPT), including NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	The first business day of the month following the contract period
Contract Series	Current calendar year plus up to 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Final Settlement Date Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all 7x16 hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LEG LEG G1 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LEG_LEG_G1, Day Ahead
Contract Code	GCI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LEG LEG G1 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LEG_LEG_G1, Day Ahead
Contract Code	GCJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LEG LEG G2 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LEG_LEG_G2, Day Ahead
Contract Code	HUK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LEG LEG G2 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LEG_LEG_G2, Day Ahead
Contract Code	HUL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LEG LEG G2 Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LEG_LEG_G2, Real Time
Contract Code	HUI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LEG LEG G2 Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LEG_LEG_G2, Real Time
Contract Code	HUJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ AEN Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_AEN, Day Ahead
Contract Code	GXY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ AEN Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_AEN, Day Ahead
Contract Code	GXZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ AEN Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_AEN, Day Ahead
Contract Code	GYA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ AEN Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_AEN, Day Ahead
Contract Code	GYB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ CPS Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_CPS, Day Ahead
Contract Code	GXU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ CPS Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_CPS, Day Ahead
Contract Code	GXV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ CPS Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_CPS, Day Ahead
Contract Code	GXW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ CPS Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_CPS, Day Ahead
Contract Code	GXX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ CPS Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_CPS, Real Time
Contract Code	HVS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, <u>published by ERCOT, at the following link (or at successor location-):</u> https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ CPS Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_CPS, Real Time
Contract Code	HVT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ HOUSTON Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_HOUSTON, Day Ahead
Contract Code	FVK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ HOUSTON Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_HOUSTON, Day Ahead
Contract Code	FVL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ HOUSTON Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_HOUSTON, Day Ahead
Contract Code	GAT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ HOUSTON Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_HOUSTON, Day Ahead
Contract Code	GAS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ HOUSTON Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_HOUSTON, Real Time
Contract Code	FUU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ HOUSTON Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_HOUSTON, Real Time
Contract Code	FUV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ HOUSTON Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_HOUSTON, Real Time
Contract Code	GBJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ HOUSTON Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_HOUSTON, Real Time
Contract Code	GBI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ LCRA Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_LCRA, Day Ahead
Contract Code	GXQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ LCRA Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_LCRA, Day Ahead
Contract Code	GXR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ LCRA Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_LCRA, Day Ahead
Contract Code	GXS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ LCRA Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_LCRA, Day Ahead
Contract Code	GXT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ LCRA Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_LCRA, Real Time
Contract Code	HRS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ LCRA Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_LCRA, Real Time
Contract Code	HRT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, <u>published by ERCOT,</u> at the following link (or at successor location): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ NORTH Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_NORTH, Day Ahead
Contract Code	FVM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ NORTH Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_NORTH, Day Ahead
Contract Code	FVN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ NORTH Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_NORTH, Day Ahead
Contract Code	GAV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ NORTH Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_NORTH, Day Ahead
Contract Code	GAU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ NORTH Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_NORTH, Real Time
Contract Code	FUW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ NORTH Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_NORTH, Real Time
Contract Code	FUX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years <u>Up to 69 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ NORTH Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_NORTH, Real Time
Contract Code	GBL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ NORTH Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_NORTH, Real Time
Contract Code	GBK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (<u>absent operational delays</u>) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, <u>published by ERCOT, at the following link (or at successor location):</u> https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ SOUTH Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_SOUTH, Day Ahead
Contract Code	FVO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ SOUTH Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_SOUTH, Day Ahead
Contract Code	FVP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ SOUTH Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_SOUTH, Day Ahead
Contract Code	GAX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ SOUTH Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_SOUTH, Day Ahead
Contract Code	GAW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ SOUTH Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_SOUTH, Real Time
Contract Code	FUY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ SOUTH Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_SOUTH, Real Time
Contract Code	FUZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ SOUTH Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_SOUTH, Real Time
Contract Code	GBN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ SOUTH Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_SOUTH, Real Time
Contract Code	GBM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ WEST Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_WEST, Day Ahead
Contract Code	FVQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ WEST Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_WEST, Day Ahead
Contract Code	FVR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ WEST Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_WEST, Day Ahead
Contract Code	GAZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ WEST Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_WEST, Day Ahead
Contract Code	GAY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/dam_spp.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ WEST Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT LZ_WEST, Real Time
Contract Code	FVA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot <u>Contract</u> Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years <u>Up to 69 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html. ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day</u> is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ WEST Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT LZ_WEST, Real Time
Contract Code	FVB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Up to 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ WEST Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT LZ_WEST, Real Time
Contract Code	GBP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT LZ WEST Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT LZ_WEST, Real Time
Contract Code	GBO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/content/cdr/html/real_time_spp.html ERCOT.html . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M_
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT OECCS 1 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT OECCS_1, Day Ahead
Contract Code	GYO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT OECCS 1 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT OECCS_1, Day Ahead
Contract Code	GYP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M
Final Settlement (Payment) Date	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT OECCS 1 Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT OECCS_1, Real Time
Contract Code	GYQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot <u>Contract</u> Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT OECCS 1 Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT OECCS_1, Real Time
Contract Code	GYR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT SSPURT WIND1 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT SSPURT_WIND1, Day Ahead
Contract Code	LOS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT SSPURT WIND1 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT SSPURT_WIND1, Day Ahead
Contract Code	LOT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT SSPURT WIND1 Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT SSPURT_WIND1, Day Ahead
Contract Code	LOU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract Size</u>	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract Size will equal</u> <u>equals</u> 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot <u>Contract Size equals</u> 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min <u>Minimum Price Fluctuation</u>	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT SSPURT WIND1 Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT SSPURT_WIND1, Day Ahead
Contract Code	LOV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1 MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT SSPURT WIND1 Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT SSPURT_WIND1, Real Time
Contract Code	LOW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT SSPURT WIND1 Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT SSPURT_WIND1, Real Time
Contract Code	LOX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT SSPURT WIND1 Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT SSPURT_WIND1, Real Time
Contract Code	LOY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT SSPURT WIND1 Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT SSPURT_WIND1, Real Time
Contract Code	LOZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT STP STP G1 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT STP_STP_G1, Day Ahead
Contract Code	HUO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT STP STP G1 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT STP_STP_G1, Day Ahead
Contract Code	HUP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT STP STP G1 Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT STP_STP_G1, Real Time
Contract Code	HUM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT STP STP G1 Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT STP_STP_G1, Real Time
Contract Code	HUN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAKEWE ALL Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT WAKEWE_ALL, Day Ahead
Contract Code	LQI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAKEWE ALL Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT WAKEWE_ALL, Day Ahead
Contract Code	LQJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERCHolidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAKEWE ALL Monthly Day Ahead 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT WAKEWE_ALL, Day Ahead
Contract Code	LQK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAKEWE ALL Monthly Day Ahead 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT WAKEWE_ALL, Day Ahead
Contract Code	LQL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAKEWE ALL Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT WAKEWE_ALL, Real Time
Contract Code	LQM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) DateDay	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAKEWE ALL Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT WAKEWE_ALL, Real Time
Contract Code	LQN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAKEWE ALL Monthly Real Time 7x8 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 7x8 Power, ERCOT WAKEWE_ALL, Real Time
Contract Code	LQO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 7x8 hours within the month traded, so. For example, in a month with 248 7x8 hours, the Lot Contract Size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAKEWE ALL Monthly Real Time 2x16 Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial 2x16 Power, ERCOT WAKEWE_ALL, Real Time
Contract Code	LQP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of 2x16 hours within the month traded, so. For example, in a month with 144 2x16 hours, the Lot Contract Size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (<u>absent operational delays</u>) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, <u>published by ERCOT, at the following link (or at successor location-):</u> https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAP WAP G5 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT WAP_WAP_G5, Day Ahead
Contract Code	HUS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAP WAP G5 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT WAP_WAP_G5, Day Ahead
Contract Code	HUT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . <u>ERCOT</u> correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAP WAP G5 Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT WAP_WAP_G5, Real Time
Contract Code	HUQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAP WAP G5 Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT WAP_WAP_G5, Real Time
Contract Code	HUR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAP WAP G8 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT WAP_WAP_G8, Day Ahead
Contract Code	HUW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M_
Final Settlement (Payment) Date	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAP WAP G8 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT WAP_WAP_G8, Day Ahead
Contract Code	HUX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Settlement Point Prices for all On- Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location): https://www.ercot.com/mp/data-products/data-product-details?id=NP4-190-CD ERCOT . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-196-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAP WAP G8 Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT WAP_WAP_G8, Real Time
Contract Code	HUU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT WAP WAP G8 Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT WAP_WAP_G8, Real Time
Contract Code	HUV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 13 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly 15-minute Settlement Point Prices for all On-Peak hours. These price files can be found, published by ERCOT, at the following link (or at successor location-): https://www.ercot.com/mp/data-products/data-product-details?id=NP6-905-CDERCOTCD . ERCOT correction prices are found at a different location, and are currently posted at: https://www.ercot.com/mp/data-products/data-product-details?id=NP4-197-M .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AECI Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AECI, Day Ahead
Contract Code	GRU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AECI for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AECI Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AECI, Day Ahead
Contract Code	GRV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AECI for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTE.ALTE Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTE.ALTE, Day Ahead
Contract Code	GOS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTE.ALTE for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTE.ALTE Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTE.ALTE, Day Ahead
Contract Code	GOT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTE.ALTE for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.ALTW Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.ALTW, Day Ahead
Contract Code	GOU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.ALTW for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.ALTW Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.ALTW, Day Ahead
Contract Code	GOV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.ALTW for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.JOULGSCIP Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.JOULGSCIP, Day Ahead
Contract Code	GOM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.JOULGSCIP for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.JOULGSCIP Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.JOULGSCIP, Day Ahead
Contract Code	GON
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.JOULGSCIP for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.LOSTLAKES Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.LOSTLAKES, Day Ahead
Contract Code	GSK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.LOSTLAKES for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.LOSTLAKES Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.LOSTLAKES, Day Ahead
Contract Code	GSL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.LOSTLAKES for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.OTTUMW1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.OTTUMW1, Day Ahead
Contract Code	GNI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.OTTUMW1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.OTTUMW1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.OTTUMW1, Day Ahead
Contract Code	GNJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.OTTUMW1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.PIONPRAR2 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.PIONPRAR2, Day Ahead
Contract Code	GPK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.PIONPRAR2 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.PIONPRAR2 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.PIONPRAR2, Day Ahead
Contract Code	GPL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.PIONPRAR2 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.WSEC3 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.WSEC3, Day Ahead
Contract Code	GPE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.WSEC3 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ALTW.WSEC3 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.WSEC3, Day Ahead
Contract Code	GPF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ALTW.WSEC3 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.AMILSES Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO AMIL.AMILSES, Day Ahead
Contract Code	FXG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so . For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.AMILSES Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO AMIL.AMILSES, Day Ahead
Contract Code	FXH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so . For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the <u>Last Trading</u> Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.AMILSES Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.AMILSES, Day Ahead
Contract Code	GMA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.AMILSES for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.AMILSES Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.AMILSES, Day Ahead
Contract Code	GMB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.AMILSES for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.BALDWI51 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BALDWI51, Day Ahead
Contract Code	GMS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.BALDWI51 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.BALDWI51 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BALDWI51, Day Ahead
Contract Code	GMT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.BALDWI51 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.BALDWI52 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BALDWI52, Day Ahead
Contract Code	HRI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.BALDWI52 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.BALDWI52 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BALDWI52, Day Ahead
Contract Code	HRJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.BALDWI52 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.BGS6 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO AMIL.BGS6, Day Ahead
Contract Code	FXI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot <u>Contract</u> Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the sixth business day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.BGS6 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO AMIL.BGS6, Day Ahead
Contract Code	FXJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.BGS6 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BGS6, Day Ahead
Contract Code	GMC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.BGS6 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.BGS6 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BGS6, Day Ahead
Contract Code	GMD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays) on the Last Trading</u> Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.BGS6 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.CC.GDTWR2 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.CC.GDTWR2, Day Ahead
Contract Code	GRW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.CC.GDTWR2 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.CC.GDTWR2 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.CC.GDTWR2, Day Ahead
Contract Code	GRX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.CC.GDTWR2 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.CLINTO51 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.CLINTO51, Day Ahead
Contract Code	GNK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.CLINTO51 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.CLINTO51 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.CLINTO51, Day Ahead
Contract Code	GNL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.CLINTO51 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.EDWARDS3 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.EDWARDS3, Day Ahead
Contract Code	GRY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.EDWARDS3 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.EDWARDS3 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.EDWARDS3, Day Ahead
Contract Code	GRZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.EDWARDS3 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.IP Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO AMIL.IP, Day Ahead
Contract Code	FXY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.IP Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO AMIL.IP, Day Ahead
Contract Code	FXZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.IP Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.IP, Day Ahead
Contract Code	GNV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.IP for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.IP Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.IP, Day Ahead
Contract Code	GNZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.IP for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.IP.AZ Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.IP.AZ, Day Ahead
Contract Code	HRU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.IP.AZ for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.IP.AZ Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.IP.AZ, Day Ahead
Contract Code	HRV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.IP.AZ for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.NEWTON21 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.NEWTON21, Day Ahead
Contract Code	GNA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.NEWTON21 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.NEWTON21 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.NEWTON21, Day Ahead
Contract Code	GNB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.NEWTON21 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.RSPWIND Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.RSPWIND, Day Ahead
Contract Code	GSM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.RSPWIND for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u><a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.RSPWIND Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.RSPWIND, Day Ahead
Contract Code	GSN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.RSPWIND for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.STWF Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.STWF, Day Ahead
Contract Code	HKC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com/Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.STWF for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.STWF Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.STWF, Day Ahead
Contract Code	HKD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.STWF for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.WPSE Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.WPSE, Day Ahead
Contract Code	GPG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.WPSE for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.WPSE Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.WPSE, Day Ahead
Contract Code	GPH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.WPSE for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.WPSE.OLIN Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.WPSE.OLIN, Day Ahead
Contract Code	GMG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.WPSE.OLIN for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMIL.WPSE.OLIN Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.WPSE.OLIN, Day Ahead
Contract Code	GMH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMIL.WPSE.OLIN for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.CALLAWAY1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.CALLAWAY1, Day Ahead
Contract Code	GPS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.CALLAWAY1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.CALLAWAY1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.CALLAWAY1, Day Ahead
Contract Code	GPT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.CALLAWAY1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.GOOSEGEN1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.GOOSEGEN1, Day Ahead
Contract Code	HJY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.GOOSEGEN1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.GOOSEGEN1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.GOOSEGEN1, Day Ahead
Contract Code	HJZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). <u>The Contract Size will equal equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size <u>Contract Size</u> equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.GOOSEGEN1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u><a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv</u>
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.LABADIE1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.LABADIE1, Day Ahead
Contract Code	GMY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.LABADIE1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.LABADIE1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.LABADIE1, Day Ahead
Contract Code	GMZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.LABADIE1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.RUSHIS1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.RUSHIS1, Day Ahead
Contract Code	GNE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.RUSHIS1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.RUSHIS1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.RUSHIS1, Day Ahead
Contract Code	GNF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.RUSHIS1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.SIOUX1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.SIOUX1, Day Ahead
Contract Code	GYS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.SIOUX1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.SIOUX1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.SIOUX1, Day Ahead
Contract Code	GYT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.SIOUX1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.UE Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO AMMO.UE, Day Ahead
Contract Code	AYU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.UE Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO AMMO.UE, Day Ahead
Contract Code	AYV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.UE Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.UE, Day Ahead
Contract Code	GOA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.UE for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO AMMO.UE Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.UE, Day Ahead
Contract Code	GOB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of AMMO.UE for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ARKANSAS.HUB Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ARKANSAS.HUB, Day Ahead
Contract Code	HYG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ARKANSAS.HUB for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ARKANSAS.HUB Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ARKANSAS.HUB, Day Ahead
Contract Code	HYH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ARKANSAS.HUB for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CIN.CAYUGA.1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CIN.CAYUGA.1, Day Ahead
Contract Code	GPU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CIN.CAYUGA.1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CIN.CAYUGA.1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CIN.CAYUGA.1, Day Ahead
Contract Code	GPV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CIN.CAYUGA.1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CIN.GIBSON.1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CIN.GIBSON.1, Day Ahead
Contract Code	GOI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CIN.GIBSON.1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CIN.GIBSON.1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CIN.GIBSON.1, Day Ahead
Contract Code	GOJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CIN.GIBSON.1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CIN.PSI Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO CIN.PSI, Day Ahead
Contract Code	BDY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day</u> is the sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CIN.PSI Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO CIN.PSI, Day Ahead
Contract Code	BDZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CIN.PSI Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CIN.PSI, Day Ahead
Contract Code	GOY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CIN.PSI for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CIN.PSI Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CIN.PSI, Day Ahead
Contract Code	GOZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CIN.PSI for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CONS.CAMPBELL2 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.CAMPBELL2, Day Ahead
Contract Code	GPW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CONS.CAMPBELL2 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CONS.CAMPBELL2 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CONS.CAMPBELL2, Day Ahead
Contract Code	GPX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CONS.CAMPBELL2 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date/Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CONS.LIVINGEN1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.LIVINGEN1, Day Ahead
Contract Code	GOO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CONS.LIVINGEN1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO CONS.LIVINGEN1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CONS.LIVINGEN1, Day Ahead
Contract Code	GOP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of CONS.LIVINGEN1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO DECO.LUD1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DECO.LUD1, Day Ahead
Contract Code	GOW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of DECO.LUD1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO DECO.LUD1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO DECO.LUD1, Day Ahead
Contract Code	GOX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of DECO.LUD1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO DECO.MONROE1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DECO.MONROE1, Day Ahead
Contract Code	GUY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of DECO.MONROE1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO DECO.MONROE1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO DECO.MONROE1, Day Ahead
Contract Code	GUZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of DECO.MONROE1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO DPC.DPC Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DPC.DPC, Day Ahead
Contract Code	GPQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of DPC.DPC for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO DPC.DPC Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO DPC.DPC, Day Ahead
Contract Code	GPR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of DPC.DPC for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO DPC.NSPLOAD Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DPC.NSPLOAD, Day Ahead
Contract Code	GPY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of DPC.NSPLOAD for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO DPC.NSPLOAD Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO DPC.NSPLOAD, Day Ahead
Contract Code	GPZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of DPC.NSPLOAD for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO GRE.GRE Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO GRE.GRE, Day Ahead
Contract Code	GQA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of GRE.GRE for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO GRE.GRE Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO GRE.GRE, Day Ahead
Contract Code	GQB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of GRE.GRE for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date/Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO GRE.LKFLGR1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO GRE.LKFLGR1, Day Ahead
Contract Code	GOQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of GRE.LKFLGR1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO GRE.LKFLGR1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO GRE.LKFLGR1, Day Ahead
Contract Code	GOR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of GRE.LKFLGR1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ILLINOIS.HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO ILLINOIS.HUB, Day Ahead
Contract Code	FXQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ILLINOIS.HUB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO ILLINOIS.HUB, Day Ahead
Contract Code	FXR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ILLINOIS.HUB Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ILLINOIS.HUB, Day Ahead
Contract Code	GMI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ILLINOIS.HUB for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ILLINOIS.HUB Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ILLINOIS.HUB, Day Ahead
Contract Code	GMJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ILLINOIS.HUB for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO INDIANA.HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO INDIANA.HUB, Day Ahead
Contract Code	FXM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so . For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO INDIANA.HUB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO INDIANA.HUB, Day Ahead
Contract Code	FXN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so . For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO INDIANA.HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO INDIANA.HUB, Real Time
Contract Code	FXO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1 MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot <u>Contract</u> Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_rt_lmp_final.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO INDIANA.HUB Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO INDIANA.HUB, Real Time
Contract Code	FXP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location.): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_rt_imp_final.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_rt_imp_final.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO INDIANA.HUB Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO INDIANA.HUB, Day Ahead
Contract Code	GMK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of INDIANA.HUB for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u><a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv</u>
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO INDIANA.HUB Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO INDIANA.HUB, Day Ahead
Contract Code	GML
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of INDIANA.HUB for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO IPL.16PETEE3 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO IPL.16PETEE3, Day Ahead
Contract Code	GNS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of IPL.16PETEE3 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO IPL.16PETEE3 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO IPL.16PETEE3, Day Ahead
Contract Code	GNT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MISO_RTO.INDIANA HUB for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO IPL.16STOU707 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO IPL.16STOU707, Day Ahead
Contract Code	GNU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of IPL.16STOU707 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO IPL.16STOU707 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO IPL.16STOU707, Day Ahead
Contract Code	GNV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of IPL.16STOU707 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO IPL.IPL Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO IPL.IPL, Day Ahead
Contract Code	GOK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of IPL.IPL for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO IPL.IPL Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO IPL.IPL, Day Ahead
Contract Code	GOL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of IPL.IPL for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO LOUISIANA.HUB Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO LOUISIANA.HUB, Day Ahead
Contract Code	HYE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of LOUISIANA.HUB for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO LOUISIANA.HUB Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO LOUISIANA.HUB, Day Ahead
Contract Code	HYF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of LOUISIANA.HUB for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MDU.MDU Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO MDU.MDU, Day Ahead
Contract Code	BXC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day</u> is the sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MDU.MDU Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO MDU.MDU, Day Ahead
Contract Code	BXD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) DateDay	The <u>Final Settlement Day is the</u> sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MDU.MDU Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MDU.MDU, Day Ahead
Contract Code	GQE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MDU.MDU for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MDU.MDU Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MDU.MDU, Day Ahead
Contract Code	GQF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MDU.MDU for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MEC.MECB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO MEC.MECB, Day Ahead
Contract Code	FLU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot <u>Contract</u> Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the sixth business day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MEC.MECB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO MEC.MECB, Day Ahead
Contract Code	FLV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MEC.MECB Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MEC.MECB, Day Ahead
Contract Code	GQG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MEC.MECB for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MEC.MECB Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MEC.MECB, Day Ahead
Contract Code	GQH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MEC.MECB for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MICHIGAN.HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO MICHIGAN.HUB, Day Ahead
Contract Code	FXS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so . For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) DateDay	The <u>Final Settlement Day is the</u> sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MICHIGAN.HUB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO MICHIGAN.HUB, Day Ahead
Contract Code	FXT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so . For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MICHIGAN.HUB Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MICHIGAN.HUB, Day Ahead
Contract Code	GMM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MICHIGAN.HUB for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MICHIGAN.HUB Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MICHIGAN.HUB, Day Ahead
Contract Code	GMN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MICHIGAN.HUB for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MINN.HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO MINN.HUB, Day Ahead
Contract Code	FXU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MINN.HUB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO MINN.HUB, Day Ahead
Contract Code	FXV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract Size</u>	Variable, expressed in <u>1MW, with variable underlying</u> megawatt hour (MWh). The Lot <u>Contract Size will equal</u> <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract Size equals</u> 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min <u>Minimum Price Fluctuation</u>	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MINN.HUB Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MINN.HUB, Day Ahead
Contract Code	GMO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MINN.HUB for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MINN.HUB Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MINN.HUB, Day Ahead
Contract Code	GMP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MINN.HUB for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MOGEN1.AGG Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MOGEN1.AGG, Day Ahead
Contract Code	HUG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MOGEN1.AGG for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO MOGEN1.AGG Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MOGEN1.AGG, Day Ahead
Contract Code	HUH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of MOGEN1.AGG for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.BENTONCO Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.BENTONCO, Day Ahead
Contract Code	GVC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.BENTONCO for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO NIPS.BENTONCO Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.BENTONCO, Day Ahead
Contract Code	GVD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.BENTONCO for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.IMPA 1.AZ Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.IMPA_1.AZ, Day Ahead
Contract Code	HKG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.IMPA_1.AZ for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.IMPA 1.AZ Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.IMPA_1.AZ, Day Ahead
Contract Code	HKH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.IMPA_1.AZ for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.NIPS Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.NIPS, Day Ahead
Contract Code	GQM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.NIPS for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.NIPS Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.NIPS, Day Ahead
Contract Code	GQN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.NIPS for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.NORWAPNOR Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.NORWAPNOR, Day Ahead
Contract Code	HKK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.NORWAPNOR for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.NORWAPNOR Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.NORWAPNOR, Day Ahead
Contract Code	HKL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.NORWAPNOR for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.OAKDAPOAK Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.OAKDAPOAK, Day Ahead
Contract Code	HKO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.OAKDAPOAK for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.OAKDAPOAK Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.OAKDAPOAK, Day Ahead
Contract Code	HKP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to 18 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.OAKDAPOAK for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.SCHAHP18 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.SCHAHP18, Day Ahead
Contract Code	GNG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.SCHAHP18 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NIPS.SCHAHP18 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.SCHAHP18, Day Ahead
Contract Code	GNH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NIPS.SCHAHP18 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date/Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NSP.NU Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.NU, Day Ahead
Contract Code	GQC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NSP.NU for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NSP.NU Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NSP.NU, Day Ahead
Contract Code	GQD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NSP.NU for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NSP.OTP Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.OTP, Day Ahead
Contract Code	GNM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NSP.OTP for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NSP.OTP Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NSP.OTP, Day Ahead
Contract Code	GNN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NSP.OTP for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NSP.SHERCO1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.SHERCO1, Day Ahead
Contract Code	GPA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NSP.SHERCO1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO NSP.SHERCO1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NSP.SHERCO1, Day Ahead
Contract Code	GPB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of NSP.SHERCO1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ONT Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ONT, Day Ahead
Contract Code	GQI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ONT for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO ONT Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ONT, Day Ahead
Contract Code	GQJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of ONT for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO PJMC Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO PJMC, Day Ahead
Contract Code	GQK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of PJMC for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO PJMC Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO PJMC, Day Ahead
Contract Code	GQL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the <u>Last Trading</u> Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of PJMC for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SIGE.FOWLRL Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIGE.FOWLRL, Day Ahead
Contract Code	GVE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SIGE.FOWLRL for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SIGE.FOWLR Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIGE.FOWLR, Day Ahead
Contract Code	GVF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SIGE.FOWLR for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SIGE.SIGW Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIGE.SIGW, Day Ahead
Contract Code	GQQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SIGE.SIGW for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SIGE.SIGW Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIGE.SIGW, Day Ahead
Contract Code	GQR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SIGE.SIGW for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SIPC.MARI69 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIPC.MARI69, Day Ahead
Contract Code	GQS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SIPC.MARI69 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SIPC.MARI69 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIPC.MARI69, Day Ahead
Contract Code	GQT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SIPC.MARI69 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SIPC.SIPC Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIPC.SIPC, Day Ahead
Contract Code	GPC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SIPC.SIPC for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SIPC.SIPC Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIPC.SIPC, Day Ahead
Contract Code	GPD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SIPC.SIPC for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SMP.SMP Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SMP.SMP, Day Ahead
Contract Code	GQU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SMP.SMP for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SMP.SMP Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SMP.SMP, Day Ahead
Contract Code	GQV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SMP.SMP for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the sixth business day</u> Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SOCO Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SOCO, Day Ahead
Contract Code	GSE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SOCO for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO SOCO Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SOCO, Day Ahead
Contract Code	GSF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of SOCO for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO TEXAS.HUB Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO TEXAS.HUB, Day Ahead
Contract Code	HYI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of TEXAS.HUB for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO TEXAS.HUB Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO TEXAS.HUB, Day Ahead
Contract Code	HYJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of TEXAS.HUB for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO TVA.WHITEOAK Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO TVA.WHITEOAK, Day Ahead
Contract Code	GVG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com <u>Financial</u>
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size <u>Contract Size</u> equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal LiveTrade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of TVA.WHITEOAK for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <u>https://www.docs.misoenergy.org/Library/Repository/Market Reports/marketreports/<yyyymmdd>_da_expost_imp.csv.</u>
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO TVA.WHITEOAK Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO TVA.WHITEOAK, Day Ahead
Contract Code	GVH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of TVA.WHITEOAK for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WEC.OKCGC7 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.OKCGC7, Day Ahead
Contract Code	GNC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of WEC.OKCGC7 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WEC.OKCGC7 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WEC.OKCGC7, Day Ahead
Contract Code	GND
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of WEC.OKCGC7 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WEC.PTBHGB1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.PTBHGB1, Day Ahead
Contract Code	GNQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of WEC.PTBHGB1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WEC.PTBHGB1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WEC.PTBHGB1, Day Ahead
Contract Code	GNR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of WEC.PTBHGB1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WPS.COLUMBIA1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WPS.COLUMBIA1, Day Ahead
Contract Code	GOG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of WPS.COLUMBIA1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WPS.COLUMBIA1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WPS.COLUMBIA1, Day Ahead
Contract Code	GOH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of WPS.COLUMBIA1 for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WPS.MPU Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO_RTO WPS.MPU, Day Ahead
Contract Code	FYY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all On-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day</u> is the sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WPS.MPU Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO_RTO WPS.MPU, Day Ahead
Contract Code	FYZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly Ex Post LMP for all Off-Peak hours. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The <u>Final Settlement Day is the</u> sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WR.MOWR Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WR.MOWR, Day Ahead
Contract Code	GQY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 336 On-Peak hours, the lot size Contract Size equals 336 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Eastern Standard Time (EST), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of WR.MOWR for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO RTO WR.MOWR Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WR.MOWR, Day Ahead
Contract Code	GQZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot, which is equal to contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh. For each contract the Lot). The Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the lot size Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays. No hours will be added or subtracted due to DST adjustments.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 18 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the day-ahead hourly Energy of MISO_RTO INDIANA HUB plus the day- ahead hourly Congestion price of WR.MOWR for all Off-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found, published by MISO, at the following link (or at successor location-): <a href="https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv">https://www.docs.misoenergy.org/Library/Repository/MarketReports/marketreports/<yyyymmdd>_da_expost_lmp.csv
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP BLKW Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP BLKW, Day Ahead
Contract Code	LJY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP BLKW Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP BLKW, Day Ahead
Contract Code	LJZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP EDDY Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP EDDY, Day Ahead
Contract Code	LKA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP EDDY Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP EDDY, Day Ahead
Contract Code	LKB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP ERCOTE Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP ERCOTE, Day Ahead
Contract Code	LKC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP ERCOTE Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP ERCOTE, Day Ahead
Contract Code	LKD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP ERCOTN Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP ERCOTN, Day Ahead
Contract Code	LKE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1 MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP ERCOTN Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP ERCOTN, Day Ahead
Contract Code	LKF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): <u>https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location.</u>
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP LAM345 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP LAM345, Day Ahead
Contract Code	LKG
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House <u>business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP LAM345 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP LAM345, Day Ahead
Contract Code	LKH
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP MCWEST Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP MCWEST, Day Ahead
Contract Code	LKI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equalequals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP MCWEST Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP MCWEST, Day Ahead
Contract Code	LKJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP MISO Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP MISO, Day Ahead
Contract Code	LKK
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP MISO Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP MISO, Day Ahead
Contract Code	LKL
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP OKGE.BALKO.WIND.1 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP OKGE.BALKO.WIND.1, Day Ahead
Contract Code	LKM
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so . For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/day-ahead-imp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP OKGE.BALKO.WIND.1 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP OKGE.BALKO.WIND.1, Day Ahead
Contract Code	LKN
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so . For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/day-ahead-by-location .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day</u> is the sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP OKGEKEENANWIND Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP OKGEKEENANWIND, Day Ahead
Contract Code	LKO
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP OKGEKEENANWIND Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP OKGEKEENANWIND, Day Ahead
Contract Code	LKP
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP OKGE OKGE Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP OKGE_OKGE, Day Ahead
Contract Code	LKQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP OKGE OKGE Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP OKGE_OKGE, Day Ahead
Contract Code	LKR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP RCEAST Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP RCEAST, Day Ahead
Contract Code	LKS
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP RCEAST Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP RCEAST, Day Ahead
Contract Code	LKT
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SCSE Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP SCSE, Day Ahead
Contract Code	LKU
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SCSE Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP SCSE, Day Ahead
Contract Code	LKV
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the sixth business day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPPNORTH HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP SPPNORTH_HUB, Day Ahead
Contract Code	LKW
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPPNORTH HUB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP SPPNORTH_HUB, Day Ahead
Contract Code	LKY
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPPNORTH HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP SPPNORTH_HUB, Real Time
Contract Code	LKX
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/rtbm-lmp-by-location1location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPPNORTH HUB Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP SPPNORTH_HUB, Real Time
Contract Code	LKZ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/rtbm-lmp-by-location1location .
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPPSOUTH HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP SPPSOUTH_HUB, Day Ahead
Contract Code	LLA
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPPSOUTH HUB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP SPPSOUTH_HUB, Day Ahead
Contract Code	LLC
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) DateDay	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPPSOUTH HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP SPPSOUTH_HUB, Real Time
Contract Code	LLB
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately <u>3:15</u> pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/rtbm-lmp-by-location1location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPPSOUTH HUB Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP SPPSOUTH_HUB, Real Time
Contract Code	LLD
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	The first business day of the month following the contract period
Contract Series	<u>Up to</u> 69 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/rtbm-lmp-by-location1location .
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPS SPS Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP SPS_SPS, Day Ahead
Contract Code	LLE
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP SPS SPS Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP SPS_SPS, Day Ahead
Contract Code	LLF
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the sixth business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP WR WR Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, SPP WR_WR, Day Ahead
Contract Code	LLI
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot <u>Contract</u> Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Friday, Central Prevailing Time (CPT), excluding NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at <u>approximately 3:15 pm EPT (absent operational delays)</u> on the Last Trading <u>Final Settlement</u> Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-imp-by-location .
Final Settlement (Payment) Date <u>Day</u>	The <u>Final Settlement Day is the</u> sixth business day <u>Business Day</u> following the last calendar day of the month, <u>with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.</u>
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

SPP WR WR Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, SPP WR_WR, Day Ahead
Contract Code	LLJ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract, based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot Contract Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Friday, CPT and all hours for Saturday, Sunday, and all NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	The first business day after the last trading day of the current expiring contract
Last Trading Day	Last business day of the contract period
Contract Series	<u>Up to</u> 49 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by the Exchange at approximately 3:15 pm EPT (absent operational delays) on the Last Trading Final Settlement Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. These price files can be found, published by SPP, at the following link (or at successor location-): https://marketplaceportal.spp.org/web/guest/pages/da-lmp-by-location .
Final Settlement (Payment) Date Day	The Final Settlement Day is the sixth business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NWPP MID-COLUMBIA Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, NWPP MID-COLUMBIA, Day Ahead
Contract Code	LMQ
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot contract , based on 1 MW for each hour of the contract
Lot Contract Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot Contract Size will equal equals 1 MW multiplied by the number of On-Peak hours within the month traded, so. For example, in a month with 332 On-Peak hours, the Lot Contract Size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0700 – 2200 Monday through Saturday, Pacific Prevailing Time (PPT), excluding NERC Holidays.
Currency	US Dollars
Min Minimum Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live Trade: \$0.0001 per MWh
Minimum Tick Settlement Price Precision	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years Up to 156 months
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price for each contract month shall be equal to the final settlement price for the Mid-Columbia Day-Ahead Peak Fixed Price Future (Contract Symbol: MDC), as reported by the Intercontinental Exchange (ICE Futures U.S.).
Final Settlement (Payment) Date Day	The Final Settlement Day is the third business day Business Day following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS

NWPP MID-COLUMBIA Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, NWPP MID-COLUMBIA, Day Ahead
Contract Code	LMR
Hours of Trading Settlement Method	As defined at http://www.nodalexchange.com Financial
Unit of Trading	1 lot <u>contract</u> , based on 1 MW for each hour of the contract
Lot <u>Contract</u> Size	Variable, expressed in 1MW, with variable underlying megawatt hour (MWh). The Lot <u>Contract</u> Size will equal <u>equals</u> 1 MW multiplied by the number of Off-Peak hours within the month traded, so. For example, in a month with 400 Off-Peak hours, the Lot <u>Contract</u> Size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Monday through Saturday, PPT and all hours for Sunday and all NERC Holidays.
Currency	US Dollars
Min <u>Minimum</u> Price Fluctuation	Block: \$0.0001 per MWh; Nodal T7: \$0.01 per MWh; Nodal Live <u>Trade: \$0.0001 per MWh</u>
Minimum Tick <u>Settlement Price Precision</u>	\$0.0001 per MWh
First Trading Day	One additional year of expiries will be available each January on the first business day after the last trading day of the expiring December contract.
Last Trading Day	Last business day of the contract period
Contract Series	Current calendar year plus 12 full calendar years <u>Up to 156 months</u>
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price for each contract month shall be equal to the final settlement price for the Mid-Columbia Day-Ahead Off-Peak Fixed Price Future (Contract Symbol: OMC), as reported by the Intercontinental Exchange (ICE Futures U.S.).
Final Settlement (Payment) Date <u>Day</u>	The Final Settlement Day is the third business day <u>Business Day</u> following the last calendar day of the month, with payment settled on the next Clearing House business day, as defined by the Clearing House Rules, following the Final Settlement Day.
Position Limit	https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF

NODAL EXCHANGE CONTRACT SPECIFICATIONS