

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1666 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1375 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1666 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1375 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO-RTO AMIL.BGS9 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO-RTO AMIL.BGS9, Day Ahead
Contract Code	FXK
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1666 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO-RTO AMIL.BGS9 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO-RTO AMIL.BGS9, Day Ahead
Contract Code	FXL
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1375 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1666 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1375 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1443 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1191 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1211 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1000 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1308 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1142 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1924 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1680 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1924 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1680 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	100 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	83 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	993 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	820 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	4905 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	4284 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	2910 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	2542 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO-RTO NSP.AEPM4 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO-RTO NSP.AEPM4, Day Ahead
Contract Code	GBW
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1594 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO-RTO NSP.AEPM4 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO-RTO NSP.AEPM4, Day Ahead
Contract Code	GBX
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1316 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	443 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	366 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO ALTE.ALTE Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ALTE.ALTE, Day Ahead
Contract Code	AOA
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	499 MW
Margin Unit	US Dollars

MISO ALTE.ALTE Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ALTE.ALTE, Day Ahead
Contract Code	AOB
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	412 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO ALTE.ROCKGEN1 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ALTE.ROCKGEN1, Day Ahead
Contract Code	APA
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	117 MW
Margin Unit	US Dollars

MISO ALTE.ROCKGEN1 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ALTE.ROCKGEN1, Day Ahead
Contract Code	APB
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	117 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO ALTW.ALTW Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ALTW.ALTW, Day Ahead
Contract Code	FZI
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC Holidays are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	825 MW
Margin Unit	US Dollars

MISO ALTW.ALTW Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ALTW.ALTW, Day Ahead
Contract Code	FZJ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	681 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO ALTW.FOXLK1 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ALTW.FOXLK1, Day Ahead
Contract Code	ARE
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800—2300 <u>0700—2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800—2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	27 MW
Margin Unit	US Dollars

MISO ALTW.FOXLK1 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ALTW.FOXLK1, Day Ahead
Contract Code	ARF
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	27 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO ALTW.FOXLK3 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ALTW.FOXLK3, Day Ahead
Contract Code	ARI
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800—2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	27 MW
Margin Unit	US Dollars

MISO ALTW.FOXLK3 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ALTW.FOXLK3, Day Ahead
Contract Code	ARJ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	27 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO AMIL.AEM.RPGI Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO AMIL.AEM.RPGI, Day Ahead
Contract Code	AUE
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1666 MW
Margin Unit	US Dollars

MISO AMIL.AEM.RPGI Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO AMIL.AEM.RPGI, Day Ahead
Contract Code	AUF
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1375 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO AMIL.AMILSES, Day Ahead
Contract Code	AUI
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1666 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO AMIL.AMILSES, Day Ahead
Contract Code	AUJ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time</u> . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1375 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO AMIL.AMILSES Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO AMIL.AMILSES, Real Time
Contract Code	FSQ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1666 MW
Margin Unit	US Dollars

MISO AMIL.AMILSES Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO AMIL.AMILSES, Real Time
Contract Code	FSR
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1375 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO AMIL.BGS6, Day Ahead
Contract Code	ATW
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1666 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO AMIL.BGS6, Day Ahead
Contract Code	ATX
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1375 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO AMIL.BGS9 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO AMIL.BGS9, Day Ahead
Contract Code	AUG
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1666 MW
Margin Unit	US Dollars

MISO AMIL.BGS9 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO AMIL.BGS9, Day Ahead
Contract Code	AUH
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1375 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO AMIL.WPSE Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO AMIL.WPSE, Day Ahead
Contract Code	GBQ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC Holidays are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1666 MW
Margin Unit	US Dollars

MISO AMIL.WPSE Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO AMIL.WPSE, Day Ahead
Contract Code	GBR
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1375 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO AMIL.WPSE.OLIN Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO AMIL.WPSE.OLIN, Day Ahead
Contract Code	BZY
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1666 MW
Margin Unit	US Dollars

MISO AMIL.WPSE.OLIN Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO AMIL.WPSE.OLIN, Day Ahead
Contract Code	BZZ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time</u> . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1375 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO CIN.HAG.AEPM Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO CIN.HAG.AEPM, Day Ahead
Contract Code	GCK
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1211 MW
Margin Unit	US Dollars

MISO CIN.HAG.AEPM Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO CIN.HAG.AEPM, Day Ahead
Contract Code	GCL
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time</u> . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1000 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO CONS.LANS Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO CONS.LANS, Day Ahead
Contract Code	FYW
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1611 MW
Margin Unit	US Dollars

MISO CONS.LANS Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO CONS.LANS, Day Ahead
Contract Code	FYX
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1330 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO CONS.SESB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO CONS.SESB, Day Ahead
Contract Code	FZO
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC Holidays are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	1611 MW
Margin Unit	US Dollars

MISO CONS.SESB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO CONS.SESB, Day Ahead
Contract Code	FZP
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1330 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO CONS.WPSE Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO CONS.WPSE, Day Ahead
Contract Code	BSS
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	1611 MW
Margin Unit	US Dollars

MISO CONS.WPSE Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO CONS.WPSE, Day Ahead
Contract Code	BST
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1330 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO CWLD.CWLD Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO CWLD.CWLD, Day Ahead
Contract Code	BJS
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	47 MW
Margin Unit	US Dollars

MISO CWLD.CWLD Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO CWLD.CWLD, Day Ahead
Contract Code	BJT
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	39 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO DECO.CROS Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO DECO.CROS, Day Ahead
Contract Code	GCQ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1923 MW
Margin Unit	US Dollars

MISO DECO.CROS Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO DECO.CROS, Day Ahead
Contract Code	GCR
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1587 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO DECO.SEBE Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO DECO.SEBE, Day Ahead
Contract Code	GCS
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1923 MW
Margin Unit	US Dollars

MISO DECO.SEBE Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO DECO.SEBE, Day Ahead
Contract Code	GCT
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1587 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO DECO.SESA Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO DECO.SESA, Day Ahead
Contract Code	GBU
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC Holidays are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1923 MW
Margin Unit	US Dollars

MISO DECO.SESA Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO DECO.SESA, Day Ahead
Contract Code	GBV
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays: <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1587 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO DECO.WPSZ Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO DECO.WPSZ, Day Ahead
Contract Code	APU
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	1923 MW
Margin Unit	US Dollars

MISO DECO.WPSZ Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO DECO.WPSZ, Day Ahead
Contract Code	APV
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time</u> . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1587 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO DPC.DPC Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO DPC.DPC, Day Ahead
Contract Code	GBS
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	175 MW
Margin Unit	US Dollars

MISO DPC.DPC Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO DPC.DPC, Day Ahead
Contract Code	GBT
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	144 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO ENERGY Monthly Day Ahead On-Peak Energy Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ENERGY, Day Ahead
Contract Code	FVW
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	24507 MW
Margin Unit	US Dollars

MISO ENERGY Monthly Day Ahead Off-Peak Energy Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ENERGY, Day Ahead
Contract Code	FVX
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	22205 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO ENERGY Monthly Real Time On-Peak Energy Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ENERGY, Real Time
Contract Code	FVY
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	24507 MW
Margin Unit	US Dollars

MISO ENERGY Monthly Real Time Off-Peak Energy Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ENERGY, Real Time
Contract Code	FVZ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	22205 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO GRE.HUC Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO GRE.HUC, Day Ahead
Contract Code	BSW
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	484 MW
Margin Unit	US Dollars

MISO GRE.HUC Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO GRE.HUC, Day Ahead
Contract Code	BSX
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	399 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ILLINOIS.HUB, Day Ahead
Contract Code	BVC
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800—2300 <u>0700—2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1308 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ILLINOIS.HUB, Day Ahead
Contract Code	BVD
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1142 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO ILLINOIS.HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ILLINOIS.HUB, Real Time
Contract Code	FSU
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC Holidays are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	1308 MW
Margin Unit	US Dollars

MISO ILLINOIS.HUB Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ILLINOIS.HUB, Real Time
Contract Code	FSV
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays: <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1142 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO INDIANA.HUB, Day Ahead
Contract Code	BFI
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1924 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO INDIANA.HUB, Day Ahead
Contract Code	BFJ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1680 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO INDIANA.HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO INDIANA.HUB, Real Time
Contract Code	FJY
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1924 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO INDIANA.HUB, Real Time
Contract Code	FJZ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1680 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO KCPL Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO KCPL, Day Ahead
Contract Code	BWA
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	41 MW
Margin Unit	US Dollars

MISO KCPL Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO KCPL, Day Ahead
Contract Code	BWB
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	41 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO MICHIGAN.HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO MICHIGAN.HUB, Day Ahead
Contract Code	BXW
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	4905 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO MICHIGAN.HUB, Day Ahead
Contract Code	BXX
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	4284 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO MICHIGAN.HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO MICHIGAN.HUB, Real Time
Contract Code	FRK
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	4905 MW
Margin Unit	US Dollars

MISO MICHIGAN.HUB Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO MICHIGAN.HUB, Real Time
Contract Code	FRL
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	4284 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO MINN.HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO MINN.HUB, Day Ahead
Contract Code	BYA
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	2910 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO MINN.HUB, Day Ahead
Contract Code	BYB
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time</u> . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	2542 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO MINN.HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO MINN.HUB, Real Time
Contract Code	FSW
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	2910 MW
Margin Unit	US Dollars

MISO MINN.HUB Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO MINN.HUB, Real Time
Contract Code	FSX
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	2542 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO NSP.AEPM4 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO NSP.AEPM4, Day Ahead
Contract Code	GCE
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1594 MW
Margin Unit	US Dollars

MISO NSP.AEPM4 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO NSP.AEPM4, Day Ahead
Contract Code	GCF
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time</u> . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1316 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO NSP.NCPLOAD Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO NSP.NCPLOAD, Day Ahead
Contract Code	CEW
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800—2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1594 MW
Margin Unit	US Dollars

MISO NSP.NCPLOAD Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO NSP.NCPLOAD, Day Ahead
Contract Code	CEX
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1316 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO NSP.NSP Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO NSP.NSP, Day Ahead
Contract Code	CFA
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1594 MW
Margin Unit	US Dollars

MISO NSP.NSP Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO NSP.NSP, Day Ahead
Contract Code	CFB
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1316 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO NSP.NU Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO NSP.NU, Day Ahead
Contract Code	FYU
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC Holidays are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1594 MW
Margin Unit	US Dollars

MISO NSP.NU Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO NSP.NU, Day Ahead
Contract Code	FYV
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1316 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO NSP.SMP.S3 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO NSP.SMP.S3, Day Ahead
Contract Code	CFY
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	225 MW
Margin Unit	US Dollars

MISO NSP.SMP.S3 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO NSP.SMP.S3, Day Ahead
Contract Code	CFZ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	225 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO ONT Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ONT, Day Ahead
Contract Code	CHO
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	470 MW
Margin Unit	US Dollars

MISO ONT Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ONT, Day Ahead
Contract Code	CHP
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	470 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO OTP.NSP Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO OTP.NSP, Day Ahead
Contract Code	CJG
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	223 MW
Margin Unit	US Dollars

MISO OTP.NSP Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO OTP.NSP, Day Ahead
Contract Code	CJH
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	184 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO OTP.OTP Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO OTP.OTP, Day Ahead
Contract Code	CJK
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	223 MW
Margin Unit	US Dollars

MISO OTP.OTP Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO OTP.OTP, Day Ahead
Contract Code	CJL
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	184 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO PJMC Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO PJMC, Day Ahead
Contract Code	ANY
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800–2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1554 MW
Margin Unit	US Dollars

MISO PJMC Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO PJMC, Day Ahead
Contract Code	ANZ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1554 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO UPPC.ESC Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO UPPC.ESC, Day Ahead
Contract Code	GAE
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	21 MW
Margin Unit	US Dollars

MISO UPPC.ESC Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO UPPC.ESC, Day Ahead
Contract Code	GAF
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	17 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO UPPC.INTEGRATD Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO UPPC.INTEGRATD, Day Ahead
Contract Code	GLO
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	21 MW
Margin Unit	US Dollars

MISO UPPC.INTEGRATD Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO UPPC.INTEGRATD, Day Ahead
Contract Code	GLP
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	17 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO WEC.N Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO WEC.N, Day Ahead
Contract Code	GLQ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	1229 MW
Margin Unit	US Dollars

MISO WEC.N Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO WEC.N, Day Ahead
Contract Code	GLR
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1014 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO WEC.PTBHGB1 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO WEC.PTBHGB1, Day Ahead
Contract Code	FUS
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800—2300 <u>0700—2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800—2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	296 MW
Margin Unit	US Dollars

MISO WEC.PTBHGB1 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO WEC.PTBHGB1, Day Ahead
Contract Code	FUT
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	296 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO WEC.PTBHGB2 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO WEC.PTBHGB2, Day Ahead
Contract Code	COE
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800—2300 <u>0700—2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	296 MW
Margin Unit	US Dollars

MISO WEC.PTBHGB2 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO WEC.PTBHGB2, Day Ahead
Contract Code	COF
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	296 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO WPS.GLU Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO WPS.GLU, Day Ahead
Contract Code	GAC
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	443 MW
Margin Unit	US Dollars

MISO WPS.GLU Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO WPS.GLU, Day Ahead
Contract Code	GAD
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays: <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	366 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO WPS.WPSM Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO WPS.WPSM, Day Ahead
Contract Code	CQI
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	443 MW
Margin Unit	US Dollars

MISO WPS.WPSM Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO WPS.WPSM, Day Ahead
Contract Code	CQJ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays: <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	366 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO WPS.WPSM Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO WPS.WPSM, Real Time
Contract Code	HUC
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	443 MW
Margin Unit	US Dollars

MISO WPS.WPSM Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO WPS.WPSM, Real Time
Contract Code	HUD
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	366 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO WR Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO WR, Day Ahead
Contract Code	HPA
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	40 MW
Margin Unit	US Dollars

MISO WR Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO WR, Day Ahead
Contract Code	HPB
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	40 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	150 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	150 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	150 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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	<p>The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP<u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location.</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331</p> <p>ERCOT correction prices are found at a different location, and are currently posted at:</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)</p>
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	150 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	55 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	55 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	55 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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	<p>The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP<u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location.</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331</p> <p>ERCOT correction prices are found at a different location, and are currently posted at:</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)</p>
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	55 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	38 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	38 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	38 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	38 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	4587 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	4370 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	3739 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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	<p>The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP<u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location.</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331</p> <p>ERCOT correction prices are found at a different location, and are currently posted at:</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)</p>
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	4370 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	4587 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	4370 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	3739 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	4370 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	6982 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	6651 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	5691 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	6651 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	6982 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	6651 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	5691 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	6651 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1813 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1727 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1478 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1727 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1813 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1727 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1478 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1727 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1105 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1052 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	900 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1052 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1105 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1052 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	900 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1052 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	422 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	422 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	422 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	422 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	422 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	422 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	416 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	345 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	319 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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	<p>The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP<u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location.</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331</p> <p>ERCOT correction prices are found at a different location, and are currently posted at:</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)</p>
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	384 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	980 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	814 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	751 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	906 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	2759 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	2293 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	2114 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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	<p>The final settlement price will be determined by the Exchange at approximately 3 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP<u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location.</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331</p> <p>ERCOT correction prices are found at a different location, and are currently posted at:</p> <p>http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)</p>
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	2551 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	2759 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	2293 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	2114 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	2551 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	524 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	435 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	401 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	484 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	524 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	435 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	4197 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	3488 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	3216 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	3880 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	4197 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	3488 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	3216 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	3880 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1439 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1196 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1103 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1331 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1439 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1196 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	1103 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	1331 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	769 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	639 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	589 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	711 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	769 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	639 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 7x8 hours within the month traded, so in a month with 248 7x8 hours, the lot size equals 248 MWh. The definition of 7x8 hours is Hour Ending (HE) 0100 – 0600 and HE 2300 – 2400, Sunday through Saturday, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 7x8 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	589 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of 2x16 hours within the month traded, so in a month with 144 2x16 hours, the lot size equals 144 MWh. The definition of 2x16 hours is Hour Ending (HE) 0700 – 2200, Sunday, Saturday, and all NERC holidays, CPT
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all 2x16 hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	711 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	248 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	248 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	248 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	248 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT OKLA_OKLA_G1 Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT OKLA_OKLA_G1, Day Ahead
Contract Code	GVQ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	163 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT OKLA_OKLA_G1 Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT OKLA_OKLA_G1, Day Ahead
Contract Code	GVR
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	163 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT OKLA_OKLA_G1 Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, ERCOT OKLA_OKLA_G1, Real Time
Contract Code	GVO
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	163 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

ERCOT OKLA_OKLA_G1 Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, ERCOT OKLA_OKLA_G1, Real Time
Contract Code	GVP
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	163 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	688 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	688 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	688 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	688 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	913 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	913 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	913 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	913 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	913 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP <u>Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12331 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13044 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	913 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	913 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 13 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	913 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all On-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	980 MW
Margin Unit	US Dollars

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	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 49 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP <u>15-minute Settlement Point Prices</u> for all Off-Peak hours. These price files can be found at the following link or at successor location. http://mis.ercot.com/misapp/GetReports.do?reportTypeId=12301 ERCOT correction prices are found at a different location, and are currently posted at: http://mis.ercot.com/misapp/GetReports.do?reportTypeId=13045 (SPP file only)
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits<u>Limit</u>	814 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO ARKANSAS.HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ARKANSAS.HUB, Day Ahead
Contract Code	HZA
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	6346 MW
Margin Unit	US Dollars

MISO ARKANSAS.HUB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ARKANSAS.HUB, Day Ahead
Contract Code	HZB
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	5542 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO ARKANSAS.HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO ARKANSAS.HUB, Real Time
Contract Code	HZU
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	6346 MW
Margin Unit	US Dollars

MISO ARKANSAS.HUB Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO ARKANSAS.HUB, Real Time
Contract Code	HZV
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	5542 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO LOUISIANA.HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO LOUISIANA.HUB, Day Ahead
Contract Code	HYY
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	4122 MW
Margin Unit	US Dollars

MISO LOUISIANA.HUB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO LOUISIANA.HUB, Day Ahead
Contract Code	HYZ
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	3600 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO LOUISIANA.HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO LOUISIANA.HUB, Real Time
Contract Code	HZS
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	4122 MW
Margin Unit	US Dollars

MISO LOUISIANA.HUB Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO LOUISIANA.HUB, Real Time
Contract Code	HZT
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time</u> . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	3600 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO TEXAS.HUB Monthly Day Ahead On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO TEXAS.HUB, Day Ahead
Contract Code	HZC
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All <u>NERC</u> Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits <u>Limit</u>	3473 MW
Margin Unit	US Dollars

MISO TEXAS.HUB Monthly Day Ahead Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO TEXAS.HUB, Day Ahead
Contract Code	HZD
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EST EST, and all hours for Saturday, Sunday, and all NERC Holidays: <u>during Daylight Saving Time.</u> No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Day Ahead hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	3033 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO TEXAS.HUB Monthly Real Time On-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial On-Peak Power, MISO TEXAS.HUB, Real Time
Contract Code	HZW
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of On-Peak hours within the month traded, so in a month with 332 On-Peak hours, the lot size equals 332 MWh. The definition of On-Peak hours is Hour Ending (HE) 0800 – 2300 <u>0700 – 2200</u> Monday through Friday, EPT, excluding EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays <u>are excluded.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all On-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limits Limit	3473 MW
Margin Unit	US Dollars

MISO TEXAS.HUB Monthly Real Time Off-Peak Power Contract

ITEM	SPECIFICATION
Contract Description	Monthly Cash Settled Financial Off-Peak Power, MISO TEXAS.HUB, Real Time
Contract Code	HZX
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in megawatt hour (MWh). For each contract the lot size will equal 1 MW multiplied by the number of Off-Peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot size equals 400 MWh. The definition of Off-Peak hours is Hour Ending (HE) 0100 – 0700 0600 and HE-2300 -2400, Monday through Friday, EPTEST , and all hours for Saturday, Sunday, and all NERC Holidays- <u>during Daylight Saving Time</u> . No hours will be added or subtracted due to Daylight Savings Time (DST) adjustments. <u>For the rest of the year, Off-Peak hours include 0100 – 0700 and 2400, EST, and all hours for Saturday, Sunday and all NERC Holidays.</u>
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 69 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading Day. The final settlement price is the average of the Real Time hourly LMP for all Off-Peak hours. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_rt_lmp_final.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position LimitsLimit	3033 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AECI Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AECI, Day Ahead</u>
Contract Code	GRU
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AECI, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	100 MW
Margin Unit	US Dollars

MISO_RTO AECI Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AECI, Day Ahead</u>
Contract Code	GRV
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AECI, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	100 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTE.ALTE, Day Ahead</u>
Contract Code	GOS
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTE.ALTE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	499 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO ALTE.ALTE Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTE.ALTE, Day Ahead</u>
Contract Code	GOT
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTE.ALTE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	412 MW
Margin Unit	US Dollars

MISO_RTO_ALTW.8THST3 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO_ALTW.8THST3, Day Ahead</u>
Contract Code	HKS
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO_ALTW.8THST3, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.8THST3 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	18 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO ALTW.8THST3 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.8THST3, Day Ahead</u>
Contract Code	HKT
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTW.8THST3, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.8THST3 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	18 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.ALTW, Day Ahead</u>
Contract Code	GOU
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.ALTW, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	825 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO ALTW.ALTW Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.ALTW, Day Ahead</u>
Contract Code	GOV
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTW.ALTW, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	681 MW
Margin Unit	US Dollars

MISO_RTO ALTW.BVRCH2 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.BVRCH2, Day Ahead</u>
Contract Code	GPI
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.BVRCH2, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BVRCH2 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	59 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO ALTW.BVRCH2 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.BVRCH2, Day Ahead</u>
Contract Code	GPJ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTW.BVRCH2, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BVRCH2 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	59 MW
Margin Unit	US Dollars

MISO_RTO ALTW.DAEC Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.DAEC, Day Ahead</u>
Contract Code	GMW
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.DAEC, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.DAEC for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	139 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO ALTW.DAEC Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.DAEC, Day Ahead</u>
Contract Code	GMX
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTW.DAEC, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.DAEC for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	139 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.JOULGSCIP, Day Ahead</u>
Contract Code	GOM
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.JOULGSCIP, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	189 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.JOULGSCIP, Day Ahead</u>
Contract Code	GON
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTW.JOULGSCIP, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	189 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.LOSTLAKES, Day Ahead</u>
Contract Code	GSK
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.LOSTLAKES, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	25 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.LOSTLAKES, Day Ahead</u>
Contract Code	GSL
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTW.LOSTLAKES, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	25 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.OTTUMW1, Day Ahead</u>
Contract Code	GNI
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.OTTUMW1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	191 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.OTTUMW1, Day Ahead</u>
Contract Code	GNJ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTW.OTTUMW1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	191 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.PIONPRAR2, Day Ahead</u>
Contract Code	GPK
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.PIONPRAR2, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	25 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.PIONPRAR2, Day Ahead</u>
Contract Code	GPL
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTW.PIONPRAR2, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	25 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.WSEC3, Day Ahead</u>
Contract Code	GPE
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ALTW.WSEC3, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	168 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ALTW.WSEC3, Day Ahead</u>
Contract Code	GPF
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ALTW.WSEC3, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	168 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.AMILSES, Day Ahead</u>
Contract Code	GMA
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.AMILSES, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1666 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.AMILSES, Day Ahead</u>
Contract Code	GMB
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.AMILSES, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1375 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BALDWI51, Day Ahead</u>
Contract Code	GMS
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BALDWI51, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	440 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BALDWI51, Day Ahead</u>
Contract Code	GMT
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.BALDWI51, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	440 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BALDWI52, Day Ahead</u>
Contract Code	HRI
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BALDWI52, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	440 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BALDWI52, Day Ahead</u>
Contract Code	HRJ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.BALDWI52, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	440 MW
Margin Unit	US Dollars

MISO_RTO AMIL.BALDWI53 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BALDWI53, Day Ahead</u>
Contract Code	HRK
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BALDWI53, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BALDWI53 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	440 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.BALDWI53 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BALDWI53, Day Ahead</u>
Contract Code	HRL
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.BALDWI53, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BALDWI53 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	440 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BGS6, Day Ahead</u>
Contract Code	GMC
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BGS6, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1666 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO AMIL.BGS6 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BGS6, Day Ahead</u>
Contract Code	GMD
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.BGS6, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1375 MW
Margin Unit	US Dollars

MISO_RTO AMIL.BGS9 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BGS9, Day Ahead</u>
Contract Code	GME
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BGS9, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BGS9 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1666 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO AMIL.BGS9 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BGS9, Day Ahead</u>
Contract Code	GMF
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.BGS9, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BGS9 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1375 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.BRICKYARD Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BRICKYARD, Day Ahead</u>
Contract Code	HJU
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BRICKYARD, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BRICKYARD for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1666 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BRICKYARD, Day Ahead</u>
Contract Code	HJV
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.BRICKYARD, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BRICKYARD for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1375 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.CC.GDTWR2, Day Ahead</u>
Contract Code	GRW
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.CC.GDTWR2, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	69 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.CC.GDTWR2, Day Ahead</u>
Contract Code	GRX
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.CC.GDTWR2, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	69 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.CLINTO51, Day Ahead</u>
Contract Code	GNK
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.CLINTO51, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	264 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.CLINTO51, Day Ahead</u>
Contract Code	GNL
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.CLINTO51, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	264 MW
Margin Unit	US Dollars

MISO_RTO AMIL.COFFEEN1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.COFFEEN1, Day Ahead</u>
Contract Code	GOE
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.COFFEEN1, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.COFFEEN1 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	238 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.COFFEEN1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.COFFEEN1, Day Ahead</u>
Contract Code	GOF
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.COFFEEN1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.COFFEEN1 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	238 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.DUCKCRK1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.DUCKCRK1, Day Ahead</u>
Contract Code	GPM
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.DUCKCRK1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.DUCKCRK1 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	103 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.DUCKCRK1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.DUCKCRK1, Day Ahead</u>
Contract Code	GPN
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.DUCKCRK1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.DUCKCRK1 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	103 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.EDWARDS3, Day Ahead</u>
Contract Code	GRY
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.EDWARDS3, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	186 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.EDWARDS3, Day Ahead</u>
Contract Code	GRZ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.EDWARDS3, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	186 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.HAVANA86 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.HAVANA86, Day Ahead</u>
Contract Code	GVI
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.HAVANA86, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.HAVANA86 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	115 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.HAVANA86 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.HAVANA86, Day Ahead</u>
Contract Code	GVJ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.HAVANA86, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.HAVANA86 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	115 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.HENNEPN81 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.HENNEPN81, Day Ahead</u>
Contract Code	GSG
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.HENNEPN81, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.HENNEPN81 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	73 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.HENNEPN81 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.HENNEPN81, Day Ahead</u>
Contract Code	GSH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.HENNEPN81, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.HENNEPN81 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	73 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.IP, Day Ahead</u>
Contract Code	GNV
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.IP, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1666 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO AMIL.IP Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.IP, Day Ahead</u>
Contract Code	GNZ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.IP, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1375 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.NEWTON21, Day Ahead</u>
Contract Code	GNA
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.NEWTON21, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	315 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.NEWTON21, Day Ahead</u>
Contract Code	GNB
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.NEWTON21, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	315 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.RSPWIND, Day Ahead</u>
Contract Code	GSM
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.RSPWIND, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	25 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.RSPWIND, Day Ahead</u>
Contract Code	GSN
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.RSPWIND, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	25 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.STWF, Day Ahead</u>
Contract Code	HKC
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.STWF, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	38 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO AMIL.STWF Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.STWF, Day Ahead</u>
Contract Code	HKD
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.STWF, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	38 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.WOODRW85 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.WOODRW85, Day Ahead</u>
Contract Code	GSI
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.WOODRW85, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.WOODRW85 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	89 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMIL.WOODRW85 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.WOODRW85, Day Ahead</u>
Contract Code	GSJ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.WOODRW85, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.WOODRW85 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	89 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.WPSE, Day Ahead</u>
Contract Code	GPG
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.WPSE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1666 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO AMIL.WPSE Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.WPSE, Day Ahead</u>
Contract Code	GPH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.WPSE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1375 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.WPSE.OLIN, Day Ahead</u>
Contract Code	GMG
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.WPSE.OLIN, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1666 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.WPSE.OLIN, Day Ahead</u>
Contract Code	GMH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.WPSE.OLIN, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1375 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.CALLAWAY1, Day Ahead</u>
Contract Code	GPS
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.CALLAWAY1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	298 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.CALLAWAY1, Day Ahead</u>
Contract Code	GPT
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMMO.CALLAWAY1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	298 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.GOOSEGEN1, Day Ahead</u>
Contract Code	HJY
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.GOOSEGEN1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	113 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.GOOSEGEN1, Day Ahead</u>
Contract Code	HJZ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMMO.GOOSEGEN1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	113 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.LABADIE1, Day Ahead</u>
Contract Code	GMY
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.LABADIE1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	632 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.LABADIE1, Day Ahead</u>
Contract Code	GMZ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMMO.LABADIE1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	632 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMMO.MERAMECT1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.MERAMECT1, Day Ahead</u>
Contract Code	GYU
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.MERAMECT1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.MERAMECT1 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	27 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO AMMO.MERAMECT1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.MERAMECT1, Day Ahead</u>
Contract Code	GYV
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMMO.MERAMECT1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.MERAMECT1 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	27 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.RUSHIS1, Day Ahead</u>
Contract Code	GNE
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.RUSHIS1, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	318 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.RUSHIS1, Day Ahead</u>
Contract Code	GNF
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMMO.RUSHIS1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	318 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.SIOUX1, Day Ahead</u>
Contract Code	GYS
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.SIOUX1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	259 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.SIOUX1, Day Ahead</u>
Contract Code	GYT
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMMO.SIOUX1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	259 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.UE, Day Ahead</u>
Contract Code	GOA
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMMO.UE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1443 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO AMMO.UE Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMMO.UE, Day Ahead</u>
Contract Code	GOB
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMMO.UE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1191 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CIN.CAYUGA.1, Day Ahead</u>
Contract Code	GPU
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CIN.CAYUGA.1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	260 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO CIN.CAYUGA.1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CIN.CAYUGA.1, Day Ahead</u>
Contract Code	GPV
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO CIN.CAYUGA.1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	260 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CIN.GIBSON.1, Day Ahead</u>
Contract Code	GOI
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CIN.GIBSON.1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	808 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CIN.GIBSON.1, Day Ahead</u>
Contract Code	GOJ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO CIN.GIBSON.1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	808 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CIN.PSI, Day Ahead</u>
Contract Code	GOY
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CIN.PSI, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1211 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO CIN.PSI Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CIN.PSI, Day Ahead</u>
Contract Code	GOZ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO CIN.PSI, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1000 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.CAMPBELL2, Day Ahead</u>
Contract Code	GPW
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.CAMPBELL2, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	154 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CONS.CAMPBELL2, Day Ahead</u>
Contract Code	GPX
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO CONS.CAMPBELL2, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	154 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.LIVINGEN1, Day Ahead</u>
Contract Code	GOO
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.LIVINGEN1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	33 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CONS.LIVINGEN1, Day Ahead</u>
Contract Code	GOP
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO CONS.LIVINGEN1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	33 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO CONS.PALISA2A1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.PALISA2A1, Day Ahead</u>
Contract Code	GMU
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.PALISA2A1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.PALISA2A1 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	205 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO CONS.PALISA2A1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CONS.PALISA2A1, Day Ahead</u>
Contract Code	GMV
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO CONS.PALISA2A1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.PALISA2A1 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	205 MW
Margin Unit	US Dollars

MISO_RTO CONS.WPSE Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion</u> <u>MISO_RTO CONS.WPSE, Day Ahead</u>
Contract Code	GPO
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.WPSE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.WPSE for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1611 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO CONS.WPSE Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CONS.WPSE, Day Ahead</u>
Contract Code	GPP
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO CONS.WPSE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.WPSE for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1330 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DECO.LUD1, Day Ahead</u>
Contract Code	GOW
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DECO.LUD1, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	78 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO DECO.LUD1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO DECO.LUD1, Day Ahead</u>
Contract Code	GOX
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO DECO.LUD1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	78 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DECO.MONROE1, Day Ahead</u>
Contract Code	GUY
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DECO.MONROE1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	780 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO DECO.MONROE1, Day Ahead</u>
Contract Code	GUZ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO DECO.MONROE1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	780 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO DECO.STCLAIR4 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DECO.STCLAIR4, Day Ahead</u>
Contract Code	GOC
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DECO.STCLAIR4, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.STCLAIR4 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	354 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO DECO.STCLAIR4 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO DECO.STCLAIR4, Day Ahead</u>
Contract Code	GOD
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO DECO.STCLAIR4, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.STCLAIR4 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	354 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DPC.DPC, Day Ahead</u>
Contract Code	GPQ
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DPC.DPC, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	175 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO DPC.DPC, Day Ahead</u>
Contract Code	GPR
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO DPC.DPC, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	144 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DPC.NSPLOAD, Day Ahead</u>
Contract Code	GPY
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO DPC.NSPLOAD, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	175 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO DPC.NSPLOAD Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO DPC.NSPLOAD, Day Ahead</u>
Contract Code	GPZ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO DPC.NSPLOAD, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	144 MW
Margin Unit	US Dollars

MISO_RTO EEI Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO EEI, Day Ahead</u>
Contract Code	GSA
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO EEI, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 EEI for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	278 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO EEI Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO EEI, Day Ahead</u>
Contract Code	GSB
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO EEI, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 EEI for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	278 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO GRE.GRE, Day Ahead</u>
Contract Code	GQA
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO GRE.GRE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	484 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO GRE.GRE Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO GRE.GRE, Day Ahead</u>
Contract Code	GQB
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO GRE.GRE, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	399 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO GRE.LKFLGR1, Day Ahead</u>
Contract Code	GOQ
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO GRE.LKFLGR1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	137 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO GRE.LKFLGR1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO GRE.LKFLGR1, Day Ahead</u>
Contract Code	GOR
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO GRE.LKFLGR1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	137 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ILLINOIS.HUB, Day Ahead</u>
Contract Code	GMI
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ILLINOIS.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1308 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ILLINOIS.HUB, Day Ahead</u>
Contract Code	GMJ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ILLINOIS.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1142 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO INDIANA.HUB, Day Ahead</u>
Contract Code	GMK
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO INDIANA.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1924 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO INDIANA.HUB, Day Ahead</u>
Contract Code	GML
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO INDIANA.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1680 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO IPL.16PETEE3, Day Ahead</u>
Contract Code	GNS
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO IPL.16PETEE3, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	131 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO IPL.16PETEE3 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO IPL.16PETEE3, Day Ahead</u>
Contract Code	GNT
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO IPL.16PETEE3, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	131 MW
Margin Unit	US Dollars

MISO_RTO IPL.16STOU7O7 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO IPL.16STOU7O7, Day Ahead</u>
Contract Code	GNU
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO IPL.16STOU7O7, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.16STOU7O7 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	131 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO IPL.16STOU7O7 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO IPL.16STOU7O7, Day Ahead</u>
Contract Code	GNV
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO IPL.16STOU7O7, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.16STOU7O7 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	131 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO IPL.IPL, Day Ahead</u>
Contract Code	GOK
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO IPL.IPL, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	525 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO IPL.IPL Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO IPL.IPL, Day Ahead</u>
Contract Code	GOL
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO IPL.IPL, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	433 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MDU.MDU, Day Ahead</u>
Contract Code	GQE
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MDU.MDU, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	100 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO MDU.MDU Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MDU.MDU, Day Ahead</u>
Contract Code	GQF
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO MDU.MDU, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	83 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MEC.MECB, Day Ahead</u>
Contract Code	GQG
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MEC.MECB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	993 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO MEC.MECB Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MEC.MECB, Day Ahead</u>
Contract Code	GQH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO MEC.MECB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	820 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MICHIGAN.HUB, Day Ahead</u>
Contract Code	GMM
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MICHIGAN.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	4905 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MICHIGAN.HUB, Day Ahead</u>
Contract Code	GMN
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO MICHIGAN.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	4284 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MINN.HUB, Day Ahead</u>
Contract Code	GMO
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MINN.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2910 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MINN.HUB, Day Ahead</u>
Contract Code	GMP
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO MINN.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	2542 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MOGEN1.AGG, Day Ahead</u>
Contract Code	HUG
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO MOGEN1.AGG, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1443 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO MOGEN1.AGG Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO MOGEN1.AGG, Day Ahead</u>
Contract Code	HUH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO MOGEN1.AGG, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1191 MW
Margin Unit	US Dollars

MISO_RTO NIPS.BAILLP7 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.BAILLP7, Day Ahead</u>
Contract Code	GVA
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.BAILLP7, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BAILLP7 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	128 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO NIPS.BAILLP7 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.BAILLP7, Day Ahead</u>
Contract Code	GVB
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NIPS.BAILLP7, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.BAILLP7 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	128 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.BENTONCO, Day Ahead</u>
Contract Code	GVC
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.BENTONCO, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	516 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.BENTONCO, Day Ahead</u>
Contract Code	GVD
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NIPS.BENTONCO, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	426 MW
Margin Unit	US Dollars

MISO_RTO NIPS.IMPA_1.AZ Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion</u> <u>MISO_RTO NIPS.IMPA_1.AZ, Day Ahead</u>
Contract Code	HKG
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion</u> <u>MISO_RTO NIPS.IMPA_1.AZ, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_imp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	516 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO NIPS.IMPA_1.AZ Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.IMPA_1.AZ, Day Ahead</u>
Contract Code	HKH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NIPS.IMPA_1.AZ, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. (<u>Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.</u>) These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	426 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.NIPS, Day Ahead</u>
Contract Code	GQM
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.NIPS, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	516 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO NIPS.NIPS Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.NIPS, Day Ahead</u>
Contract Code	GQN
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NIPS.NIPS, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	426 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.NORWAPNOR, Day Ahead</u>
Contract Code	HKK
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.NORWAPNOR, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.NORWAPNOR, Day Ahead</u>
Contract Code	HKL
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NIPS.NORWAPNOR, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.OAKDAPOAK, Day Ahead</u>
Contract Code	HKO
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.OAKDAPOAK, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.OAKDAPOAK, Day Ahead</u>
Contract Code	HKP
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NIPS.OAKDAPOAK, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	2 MW
Margin Unit	US Dollars

MISO_RTO NIPS.SCHAH18 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.SCHAH18, Day Ahead</u>
Contract Code	GNG
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NIPS.SCHAH18, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.SCHAH18 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	406 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO NIPS.SCHAH18 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NIPS.SCHAH18, Day Ahead</u>
Contract Code	GNH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NIPS.SCHAH18, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.SCHAH18 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	406 MW
Margin Unit	US Dollars

MISO_RTO NSP.AEPM4 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.AEPM4, Day Ahead</u>
Contract Code	GMQ
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.AEPM4, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.AEPM4 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1594 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO NSP.AEPM4 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NSP.AEPM4, Day Ahead</u>
Contract Code	GMR
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NSP.AEPM4, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.AEPM4 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1316 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.NU, Day Ahead</u>
Contract Code	GQC
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.NU, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1594 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO NSP.NU Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NSP.NU, Day Ahead</u>
Contract Code	GQD
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NSP.NU, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1316 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.OTP, Day Ahead</u>
Contract Code	GNM
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.OTP, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1594 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NSP.OTP, Day Ahead</u>
Contract Code	GNN
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NSP.OTP, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1316 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.SHERCO1, Day Ahead</u>
Contract Code	GPA
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO NSP.SHERCO1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	360 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO NSP.SHERCO1, Day Ahead</u>
Contract Code	GPB
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO NSP.SHERCO1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	360 MW
Margin Unit	US Dollars

MISO_RTO_ONT Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO_ONT, Day Ahead</u>
Contract Code	GQI
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO_ONT, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	470 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO ONT Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ONT, Day Ahead</u>
Contract Code	GQJ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ONT, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	470 MW
Margin Unit	US Dollars

MISO_RTO PJMC Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO PJMC, Day Ahead</u>
Contract Code	GQK
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO PJMC, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1554 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO PJMC Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO PJMC, Day Ahead</u>
Contract Code	GQL
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO PJMC, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1554 MW
Margin Unit	US Dollars

MISO_RTO SIGE.10ABBG1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIGE.10ABBG1, Day Ahead</u>
Contract Code	GNW
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIGE.10ABBG1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.10ABBG1 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	125 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO SIGE.10ABBG1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIGE.10ABBG1, Day Ahead</u>
Contract Code	GNX
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO SIGE.10ABBG1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.10ABBG1 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	125 MW
Margin Unit	US Dollars

MISO_RTO SIGE.FOWLR Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIGE.FOWLR, Day Ahead</u>
Contract Code	GVE
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIGE.FOWLR, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	150 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO SIGE.FOWLR Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIGE.FOWLR, Day Ahead</u>
Contract Code	GVF
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO SIGE.FOWLR, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	150 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIGE.SIGW, Day Ahead</u>
Contract Code	GQQ
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIGE.SIGW, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	218 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO SIGE.SIGW Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIGE.SIGW, Day Ahead</u>
Contract Code	GQR
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO SIGE.SIGW, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	180 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIPC.MARI69, Day Ahead</u>
Contract Code	GQS
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIPC.MARI69, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	28 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO SIPC.MARI69 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIPC.MARI69, Day Ahead</u>
Contract Code	GQT
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO SIPC.MARI69, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	28 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIPC.SIPC, Day Ahead</u>
Contract Code	GPC
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIPC.SIPC, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	60 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO SIPC.SIPC Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIPC.SIPC, Day Ahead</u>
Contract Code	GPD
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO SIPC.SIPC, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	50 MW
Margin Unit	US Dollars

MISO_RTO SOCO Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SOCO, Day Ahead</u>
Contract Code	GSE
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SOCO, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	66 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO SOCO Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SOCO, Day Ahead</u>
Contract Code	GSF
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO SOCO, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	66 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO TVA.WHITEOAK, Day Ahead</u>
Contract Code	GVG
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO TVA.WHITEOAK, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	38 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO TVA.WHITEOAK, Day Ahead</u>
Contract Code	GVH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO TVA.WHITEOAK, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	38 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.OKCGC7, Day Ahead</u>
Contract Code	GNC
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.OKCGC7, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	219 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WEC.OKCGC7, Day Ahead</u>
Contract Code	GND
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO WEC.OKCGC7, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	219 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO WEC.PLEASA142 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.PLEASA142, Day Ahead</u>
Contract Code	GQW
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.PLEASA142, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.PLEASA142 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	154 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO_RTO WEC.PLEASA142 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WEC.PLEASA142, Day Ahead</u>
Contract Code	GQX
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO WEC.PLEASA142, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.PLEASA142 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	154 MW
Margin Unit	US Dollars

MISO_RTO WEC.PLPRG41 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.PLPRG41, Day Ahead</u>
Contract Code	GNO
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.PLPRG41, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.PLPRG41 for all On-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	154 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO WEC.PLPRG41 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WEC.PLPRG41, Day Ahead</u>
Contract Code	GNP
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO WEC.PLPRG41, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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.PLPRG41 for all Off-Peak hours in the contract month. Energy price of MISO-RTO.INDIANA HUB is defined as its LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	154 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.PTBHGB1, Day Ahead</u>
Contract Code	GNQ
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WEC.PTBHGB1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	296 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WEC.PTBHGB1, Day Ahead</u>
Contract Code	GNR
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO WEC.PTBHGB1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	296 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WPS.COLUMBIA1, Day Ahead</u>
Contract Code	GOG
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WPS.COLUMBIA1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	143 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WPS.COLUMBIA1, Day Ahead</u>
Contract Code	GOH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO WPS.COLUMBIA1, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	143 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WR.MOWR, Day Ahead</u>
Contract Code	GQY
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO WR.MOWR, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	905 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO WR.MOWR Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO WR.MOWR, Day Ahead</u>
Contract Code	GQZ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO WR.MOWR, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	747 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.IP.AZ, Day Ahead</u>
Contract Code	HRU
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.IP.AZ, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	1666 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO AMIL.IP.AZ Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.IP.AZ, Day Ahead</u>
Contract Code	HRV
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO AMIL.IP.AZ, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	1375 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ARKANSAS.HUB, Day Ahead</u>
Contract Code	HYG
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO ARKANSAS.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	6346 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO ARKANSAS.HUB, Day Ahead</u>
Contract Code	HYH
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO ARKANSAS.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	5542 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO LOUISIANA.HUB, Day Ahead</u>
Contract Code	HYE
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO LOUISIANA.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	4122 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO LOUISIANA.HUB, Day Ahead</u>
Contract Code	HYF
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO LOUISIANA.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	3600 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO TEXAS.HUB, Day Ahead</u>
Contract Code	HYI
Contract Description	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO TEXAS.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	3473 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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NODAL EXCHANGE CONTRACT SPECIFICATIONS

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO TEXAS.HUB, Day Ahead</u>
Contract Code	HYJ
Contract Description	Monthly Cash Settled Financial Off Peak Energy + Congestion MISO_RTO TEXAS.HUB, Day Ahead
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Position Limit	3033 MW
Margin Unit	US Dollars

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

ITEM	SPECIFICATION
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SMP.SMP, Day Ahead</u>
Contract Code	GQU
<u>Contract Description</u>	<u>Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SMP.SMP, Day Ahead</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 336 On-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	106 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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MISO_RTO SMP.SMP Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
Contract Code	GQV
Contract Description	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SMP.SMP, Day Ahead
<u>Contract Code</u>	<u>GQV</u>
Hours of Trading	As defined at http://www.nodalexchange.com
Contract Size per Lot	Variable, expressed in MWh. For each contract the lot size will equal 1 MW multiplied by the number of on-peak hours within the month traded, so in a month with 400 Off-Peak hours, the lot 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
Unit of Trading	1 lot, as defined in Contract Size per Lot
Currency	US Dollars
Min Price Fluctuation	\$0.0001 per MWh
Minimum Tick	\$0.0001 per MWh
First Trading Day	The fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is 14 months before the expiration date.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	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 pm EPT on the Last Trading 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 LMP minus Loss minus Congestion. <u>(Note that the LMP prices correspond to ELMP / Ex Post LMP after 1st Oct 2014.)</u> These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_lmp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	87 MW

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Margin Unit	US Dollars
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