

## NODAL EXCHANGE CONTRACT SPECIFICATION

### PJM HOMERCIT24 KVUNIT 3 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<b>Contract Description</b>	Monthly Cash Settled Financial On-Peak Energy + Congestion PJM HOMERCIT24 KVUNIT 3, Day Ahead
<b>Contract Code</b>	GTK
<b>Hours of Trading</b>	As defined at <a href="http://www.nodalexchange.com">http://www.nodalexchange.com</a>
<b>Unit of Trading</b>	1 lot, which is equal to 1 MW for each hour of the contract
<b>Lot Size</b>	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) 0800 – 2300 Monday through Friday, EPT, excluding NERC Holidays.
<b>Currency</b>	US Dollars
<b>Min Price Fluctuation</b>	\$0.0001 per MWh
<b>Minimum Tick</b>	\$0.0001 per MWh
<b>First Trading Day</b>	The first business day after the last trading day of the current expiring contract
<b>Last Trading Day</b>	Last business day of the contract period
<b>Contract Series</b>	49 months
<b>Fixed Price</b>	The traded price at the previous day's settlement price
<b>Daily Settlement Price</b>	Determined by the Exchange based on exchange activity, other market data, and extrapolation of traded contracts, as appropriate
<b>Final Settlement Price</b>	The final settlement price will be determined by 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 PJM WESTERN HUB plus the day-ahead hourly Congestion price of HOMERCIT24 KVUNIT 3 for all On-Peak hours in the contract month. These prices can be found at the following link or at successor location <a href="https://dataminer2.pjm.com/feed/da_hrl_lmgs">https://dataminer2.pjm.com/feed/da_hrl_lmgs</a>
<b>Final Settlement (Payment) Date</b>	The sixth business day following the last calendar day of the month
<b>Position Limit</b>	<a href="https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF">https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF</a>

## NODAL EXCHANGE CONTRACT SPECIFICATION

### PJM HOMERCIT24 KVUNIT 3 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<b>Contract Description</b>	Monthly Cash Settled Financial Off-Peak Energy + Congestion PJM HOMERCIT24 KVUNIT 3, Day Ahead
<b>Contract Code</b>	GTL
<b>Hours of Trading</b>	As defined at <a href="http://www.nodalexchange.com">http://www.nodalexchange.com</a>
<b>Unit of Trading</b>	1 lot, which is equal to 1 MW for each hour of the contract
<b>Lot Size</b>	Variable, expressed in 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 and HE 2400, Monday through Friday, EPT and all hours for Saturday, Sunday, and all NERC Holidays.
<b>Currency</b>	US Dollars
<b>Min Price Fluctuation</b>	\$0.0001 per MWh
<b>Minimum Tick</b>	\$0.0001 per MWh
<b>First Trading Day</b>	The first business day after the last trading day of the current expiring contract
<b>Last Trading Day</b>	Last business day of the contract period
<b>Contract Series</b>	49 months
<b>Fixed Price</b>	The trade price at the previous day's settlement price
<b>Daily Settlement Price</b>	Determined by the Exchange based on exchange activity, other market data, and extrapolation of related contracts, as appropriate
<b>Final Settlement Price</b>	The final settlement price will be determined by 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 PJM WESTERN HUB plus the day-ahead hourly Congestion price of HOMERCIT24 KVUNIT 3 for all Off-Peak hours in the contract month. These prices can be found at the following link or at successor location <a href="https://dataminer2.pjm.com/feed/da_hrl_lmgs">https://dataminer2.pjm.com/feed/da_hrl_lmgs</a>
<b>Final Settlement (Payment) Date</b>	The sixth business day following the last calendar day of the month
<b>Position Limit</b>	<a href="https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF">https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF</a>

## NODAL EXCHANGE CONTRACT SPECIFICATION

### MISO RTO SIGE.10ABBGN1 Monthly Day Ahead On-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<b>Contract Description</b>	Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO SIGE.10ABBGN1, Day Ahead
<b>Contract Code</b>	GNW
<b>Hours of Trading</b>	As defined at <a href="http://www.nodalexchange.com">http://www.nodalexchange.com</a>
<b>Unit of Trading</b>	1 lot, which is equal to 1 MW for each hour of the contract
<b>Lot Size</b>	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.
<b>Currency</b>	US Dollars
<b>Min Price Fluctuation</b>	\$0.0001 per MWh
<b>Minimum Tick</b>	\$0.0001 per MWh
<b>First Trading Day</b>	The first business day after the last trading day of the current expiring contract
<b>Last Trading Day</b>	Last business day of the contract period
<b>Contract Series</b>	18 months
<b>Fixed Price</b>	The traded price with the previous day's settlement price
<b>Daily Settlement Price</b>	Determined by the exchange based on exchange activity, other market data, and extrapolation of traded contracts, as appropriate
<b>Final Settlement Price</b>	The final settlement price will be determined by 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.10ABBGN1 for all On-Peak hours in the contract month. Energy price of MISO_RTO.INDIANA HUB is defined as its Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/&lt;yyyymmdd&gt;_da_expost_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/&lt;yyyymmdd&gt;_da_expost_imp.csv</a>
<b>Final Settlement (Payment) Date</b>	The sixth business day following the last calendar day of the month
<b>Position Limit</b>	<a href="https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF">https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF</a>

## NODAL EXCHANGE CONTRACT SPECIFICATION

### MISO\_RTO SIGE.10ABBG1 Monthly Day Ahead Off-Peak Energy + Congestion Contract

ITEM	SPECIFICATION
<b>Contract Description</b>	Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO SIGE.10ABBG1, Day Ahead
<b>Contract Code</b>	GNX
<b>Hours of Trading</b>	As defined at <a href="http://www.nodalexchange.com">http://www.nodalexchange.com</a>
<b>Unit of Trading</b>	1 lot, which is equal to 1 MW for each hour of the contract
<b>Lot Size</b>	Variable, expressed in 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.
<b>Currency</b>	US Dollars
<b>Min Price Fluctuation</b>	\$0.0001 per MWh
<b>Minimum Tick</b>	\$0.0001 per MWh
<b>First Trading Day</b>	The first business day after the last trading day of the current expiring contract
<b>Last Trading Day</b>	Last business day of the contract period
<b>Contract Series</b>	18 months
<b>Fixed Price</b>	The trade price of the previous day's settlement price
<b>Daily Settlement Price</b>	Determined by the Exchange based on exchange activity, other market data, and extrapolation of traded contracts, as appropriate
<b>Final Settlement Price</b>	The final settlement price will be determined by 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 Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/&lt;yyyymmdd&gt;_da_expost_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/&lt;yyyymmdd&gt;_da_expost_lmp.csv</a>
<b>Final Settlement (Payment) Date</b>	The sixth business day following the last calendar day of the month
<b>Position Limit</b>	<a href="https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF">https://www.nodalexchange.com/files/autogenerated/Nodal_Rulebook_Appendix_C-Limits_and_Levels.PDF</a>