

Exhibit A: Nodal Exchange Contract Specification

Updated on December 31st, 2019

| 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 |
| Unit of Trading | 1 lot, based on 1 MW for each hour of the contract |
| Lot Size | Variable, expressed in megawatt hour (MWh). 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, EST, during Daylight Saving Time; for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays are excluded. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP for all On-Peak hours. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 1611 MW |
| Margin Unit | US Dollars |

MISO CONS.WPSE Monthly Day Ahead On-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 |
| Unit of Trading | 1 lot, based on 1 MW for each hour of the contract |
| Lot Size | Variable, expressed in megawatt hour (MWh). 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 2300-2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time. No hours will be added or subtracted due to DST adjustments.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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP for all Off-Peak hours. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 1330 MW |
| Margin Unit | US Dollars |

MISO CONS.WPSE Monthly Day Ahead Off-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 |
| Unit of Trading | 1 lot, based on 1 MW for each hour of the contract |
| Lot Size | Variable, expressed in megawatt hour (MWh). 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, EST, during Daylight Saving Time, for the rest of the year, On-Peak hours are 0800 – 2300, EST. All NERC Holidays are excluded. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP for all On-Peak hours. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 1923 MW |
| Margin Unit | US Dollars |

MISO DECO.WPSZ Monthly Day Ahead On-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 |
| Unit of Trading | 1 lot, based on 1 MW for each hour of the contract |
| Lot Size | Variable, expressed in megawatt hour (MWh). 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 2300-2400, Monday through Friday, EST, and all hours for Saturday, Sunday, and all NERC Holidays during Daylight Saving Time. No hours will be added or subtracted due to DST adjustments.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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP for all Off-Peak hours. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 1587 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|---|
| Contract Description | Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.BALDWI53, Day Ahead |
| Contract Code | HRK |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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.BALDW153 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. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 440 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|---|
| Contract Description | Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.BALDWI53, Day Ahead |
| Contract Code | HRL |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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.BALDW153 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. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 440 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|--|
| Contract Description | Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.COFFEEN1, Day Ahead |
| Contract Code | GOE |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 238 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|---|
| Contract Description | Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.COFFEEN1, Day Ahead |
| Contract Code | GOF |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 238 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|--|
| Contract Description | Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.HAVANA86, Day Ahead |
| Contract Code | GVI |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 115 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|--|
| Contract Description | Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.HAVANA86, Day Ahead |
| Contract Code | GVJ |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 115 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|--|
| Contract Description | Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO AMIL.HENNEPN81, Day Ahead |
| Contract Code | GSG |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 73 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|--|
| Contract Description | Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO AMIL.HENNEPN81, Day Ahead |
| Contract Code | GSH |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 73 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|--|
| Contract Description | Monthly Cash Settled Financial On-Peak Energy + Congestion MISO_RTO CONS.WPSE, Day Ahead |
| Contract Code | GPO |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 1611 MW |
| Margin Unit | US Dollars |

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

| ITEM | SPECIFICATION |
|------------------------------------|---|
| Contract Description | Monthly Cash Settled Financial Off-Peak Energy + Congestion MISO_RTO CONS.WPSE, Day Ahead |
| Contract Code | GPP |
| Hours of Trading | As defined at http://www.nodalexchange.com |
| Unit of Trading | 1 lot, which is equal to 1 MW for each hour of the contract |
| Lot Size | 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. |
| Currency | US Dollars |
| Min Price Fluctuation | \$0.0001 per MWh |
| Minimum Tick | \$0.0001 per MWh |
| First Trading Day | The 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 Ex Post LMP minus Loss minus Congestion. These price files can be found at the following link or at successor location. https://www.misoenergy.org/Library/Repository/Market Reports/ <yyyymmdd>_da_expost_lmp.csv</yyyymmdd> |
| Final Settlement (Payment) Date | The first business day following the Last Trading Day |
| Position Limit | 1330 MW |
| Margin Unit | US Dollars |

<u>MISO_RTO CONS.WPSE Monthly Day Ahead Off-Peak Energy + Congestion Contract</u>