



**Exhibit A:
November 22nd, 2017 Update to Nodal Exchange
Contract Specifications**

NODAL EXCHANGE CONTRACT SPECIFICATIONS

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
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. The fourth business day of June or January. In June, the new expiries in the 11th planning year (January – May) are available for trading; in January, the new expiries in the 11th calendar year (June – December) are available for trading.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Current calendar/planning year plus 10 full calendar or planning years
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by 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.

NODAL EXCHANGE CONTRACT SPECIFICATIONS

	<a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_expost_imp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_expost_imp.csv
Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2542 MW
Margin Unit	US Dollars

NODAL EXCHANGE CONTRACT SPECIFICATIONS

MISO MINN.HUB Monthly Day Ahead Off-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
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. The fourth business day of June or January. In June, the new expiries in the 11th planning year (January – May) are available for trading; in January, the new expiries in the 11th calendar year (June – December) are available for trading.
Last Trading Day	The third business day following the last calendar day of the month
Contract Series	Currently, 69 months, but eligible to extend to current calendar/planning year plus up to 10 full calendar/planning years Current calendar/planning year plus 10 full calendar or planning years
Fixed Price	The traded price or the previous day's settlement price
Daily Settlement Price	Determined by the Exchange based on exchange activity, other market data, and extrapolation to traded contracts, as appropriate
Final Settlement Price	The final settlement price will be determined by 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. <a href="https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_expost_lmp.csv">https://www.misoenergy.org/Library/Repository/MarketReports/<yyyymmdd>_da_expost_lmp.csv

NODAL EXCHANGE CONTRACT SPECIFICATIONS

Final Settlement (Payment) Date	The first business day following the Last Trading Day
Position Limit	2910 MW
Margin Unit	US Dollars