



**Exhibit A:  
February 14, 2018 Update to Nodal  
Exchange Contract Specifications**

## NODAL EXCHANGE CONTRACT SPECIFICATIONS

### **PJM LIDA - AP Monthly Day Ahead On-Peak Power Contract**

ITEM	SPECIFICATION
<b>Contract Description</b>	Monthly Cash Settled Financial On-Peak Power, PJM LIDA - AP, Day Ahead
<b>Contract Code</b>	EMA
<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, based on 1 MW for each hour of the contract
<b>Lot Size</b>	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) 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 fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is <del>49</del> 69 months before the expiration date.
<b>Last Trading Day</b>	The third business day following the last calendar day of the month
<b>Contract Series</b>	<del>49</del> 69 months
<b>Fixed Price</b>	The traded price or the previous day's settlement price
<b>Daily Settlement Price</b>	Determined by the Exchange based on exchange activity, other market data, and extrapolation to 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 LMP for all On-Peak hours. These price files can be found at the following link or at successor location. <a href="http://www.pjm.com/pub/account/lmpda/&lt;yyyymmdd&gt;-da.csv">http://www.pjm.com/pub/account/lmpda/&lt;yyyymmdd&gt;-da.csv</a>
<b>Final Settlement (Payment) Date</b>	The first business day following the Last Trading Day
<b>Position Limit</b>	35 MW
<b>Margin Unit</b>	US Dollars

## NODAL EXCHANGE CONTRACT SPECIFICATIONS

### **PJM LIDA - AP Monthly Day Ahead Off-Peak Power Contract**

ITEM	SPECIFICATION
<b>Contract Description</b>	Monthly Cash Settled Financial Off-Peak Power, PJM LIDA - AP, Day Ahead
<b>Contract Code</b>	EMB
<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, based on 1 MW for each hour of the contract
<b>Lot Size</b>	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 – 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 fourth business day of the launch month, which corresponds to the day the current expiring contract is no longer traded. The launch month is <del>49</del> 69 months before the expiration date.
<b>Last Trading Day</b>	The third business day following the last calendar day of the month
<b>Contract Series</b>	<del>49</del> 69 months
<b>Fixed Price</b>	The traded price or the previous day's settlement price
<b>Daily Settlement Price</b>	Determined by the Exchange based on exchange activity, other market data, and extrapolation to 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 LMP for all Off-Peak hours. These price files can be found at the following link or at successor location. <a href="http://www.pjm.com/pub/account/lmpda/&lt;yyyymmdd&gt;-da.csv">http://www.pjm.com/pub/account/lmpda/&lt;yyyymmdd&gt;-da.csv</a>
<b>Final Settlement (Payment) Date</b>	The first business day following the Last Trading Day
<b>Position Limit</b>	35 MW
<b>Margin Unit</b>	US Dollars