

Updated on 2025-03-20

				Fee Summary <sup>1</sup>		Updated on 2025-03-20	
MW Merizer Hub Real Times Futures	<u> </u>	Fee per		EFS/EFR		Settlement or Option Exercise/Assignment	
MM Mestan Hub Day Ahasa futures	-						
ALICHANE POWER MORTHY FLUTURES   MAY   SO 0000   SO 0000   SO 0000   SO 0000	PJM Western Hub Real Time Futures		•				
Power North My Calendar Year Real Time Ch-Peck Option	PJM Western Hub Day Ahead Futures		*				
PM WISTERN HUB Monthly Real Time On-Peak Option	All Other Power Monthly Futures	MWh	\$0.0100	\$0.0100		\$0.0025	
PAM VSETRIN FURE Calendar Varafreal Time Con-Peak Option	Power Monthly/Calendar Year Options						
Montanglass   Facing   Montanglass   Monta	PJM WESTERN HUB Monthly Real Time On-Peak Option	MWh	\$0.0050	\$0.0050		\$0.0000	
Netural Ser Financial Monthly Futures	PJM WESTERN HUB Calendar Year Real Time On-Peak Option	MWh	\$0.0030	\$0.0030		\$0.0000	
Henry Hub Futures (2,500 MMBtu)	All Other Power Monthly/Calendar Options	MWh	\$0.0075	\$0.0075		\$0.0000	
Henry Harbures (10,000 MMRbly)   \$1,30   \$1,30   \$1,30   \$1,00   \$0,40	Natural Gas Financial Monthly Futures						
Natural Gas Monthly Options	Henry Hub Futures (2,500 MMBtu)	lot (2,500 MMBtu)	\$0.40	\$0.40	\$0.40	\$0.10	
Henry Hub Options (2,500 MMRtu)	Henry Hub Futures (10,000 MMBtu)	lot (10,000 MMBtu)	\$1.30	\$1.30	\$1.30	\$0.40	
Henny Hub Optinoss (10,000 MMBtu)   0x(10,000 MMBtu)   51,50   51,50   52,50   50,000   50,	Natural Gas Monthly Options						
Environmental Physical Monthly Futures	Henry Hub Options (2,500 MMBtu)	lot (2,500 MMBtu)	\$0.45	\$0.45		\$0.25	
California Carbon Allowance/Offser Futures	Henry Hub Options (10,000 MMBtu)	lot (10,000 MMBtu)	\$1.50	\$1.50		\$1.00	
CCA, RGGI, WCA Auction Clearing Price (ACP) Futures   lot (1,000 t)   \$4.50   \$2.50   \$2.50   \$4.00     Washington Carbon Allowance Futures   lot (1,000 t)   \$4.50   \$2.50   \$2.50   \$4.00     Washington Carbon Allowance Futures   lot (1,000 t)   \$1.75   \$1.00   \$1.00   \$2.00     RGGI Carbon Allowance Futures   lot (1,000 t)   \$1.75   \$1.00   \$1.00   \$2.00     CSAPR NO, Ozone Season Group 2 Allowance Futures   lot (1,000 t)   \$5.00   \$5.00   \$5.00   \$5.00     CSAPR NO, Ozone Season Group 2 Allowance Futures   lot (1,000 t)   \$5.00   \$5.00   \$5.00   \$5.00     CSAPR NO, Ozone Season Group 2 Allowance Futures   lot (1,000 MWh)   \$1.75   \$1.00   \$5.00   \$5.00   \$5.00     California PCC 3REC/CA Book and Claim REC Futures   lot (100 MWh)   \$1.75   \$1.00   \$1.00   \$1.75     PM Compliance REC/AEC Futures   lot (100 MWh)   \$1.75   \$1.00   \$1.00   \$1.75     PM Compliance REC/AEC Futures   lot (100 MWh)   \$1.75   \$1.00   \$1.00   \$1.75     PM Compliance REC/AEC Futures   lot (100 MWh)   \$4.50   \$2.50   \$2.50   \$4.00     New York REC Tri Futures   lot (100 MWh)   \$4.50   \$2.50   \$2.50   \$4.00     New York REC Tri Futures   lot (100 MWh)   \$5.00   \$5.00   \$5.00     Reas Statisted Solar / Nind REC & ERCOT CRS Listed Reporting   lot (1,000 MWh)   \$5.00   \$5.00   \$5.00   \$5.00     Reas RC/SE Sisted Wrind REC Futures   lot (1,000 MWh)   \$5.00   \$5.00   \$5.00   \$5.00     Reas RC/SE Sisted Wrind REC Futures   lot (1,000 MWh)   \$5.00   \$5.00   \$5.00   \$5.00     Reas Wring REC Futures   lot (1,000 MWh)   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00     Reas RC/SE Sisted Wrind REC Futures   lot (1,000 MWh)   \$5.00   \$5.00   \$5.00   \$5.00   \$5.00     Reas RC/SE Sisted Wrind REC Futures   lot (1,000 MWh)   \$5.00	Environmental Physical Monthly Futures						
Alberta TIER PEPC Futures	California Carbon Allowance/Offset Futures	lot (1,000 t)	\$4.50	\$2.50	\$2.50	\$4.00	
Washington Carbon Allowance Futures	CCA, RGGI, WCA Auction Clearing Price (ACP) Futures	lot (1,000 t)	\$0.00	\$0.00	\$0.00	\$3.00	
RGGI Carbon Allowance Futures	Alberta TIER EPC Futures	lot (1,000 t)	\$4.50	\$2.50	\$2.50	\$4.00	
IRR / Carbon Removal Futures         lot (1,000 t)         \$5,00         \$5,00         \$5,00           CEAFR NO, Come Season Group 2 Allowance Futures         lot (1,1)         \$5,00         \$2,50         \$2,50         \$5,00           CSAPR NO, Come Season Group 3 Allowance Futures         lot (1,1)         \$5,00         \$5,00         \$5,00         \$5,00           CSAPR NO, Come Season Group 3 Allowance Futures         lot (100 MWh)         \$1,75         \$1,00         \$1,00         \$1,75           PIM Compliance REC/AEC Futures         lot (100 MWh)         \$1,75         \$1,00         \$1,00         \$1,75           PIM Compliance REC/AEC Futures         lot (100 MWh)         \$3,00         \$1,50         \$1,50         \$2,50           NEPOUC Lisas 2 Class 3 Compliance REC/AEC Futures         lot (100 MWh)         \$4,50         \$2,50         \$2,50         \$4,00           NEPOUC Lisas 2 Class 3 Compliance REC/AEC Futures         lot (1,000 MWh)         \$4,50         \$2,50         \$2,50         \$5,00           NEPOUC Lisas 2 Class 3 Compliance REC/AEC Futures         lot (1,000 MWh)         \$5,00         \$2,50         \$2,50         \$5,00           NEPOUC Lisas 2 Class 3 Compliance REC/AEC Futures         lot (1,000 MWh)         \$5,00         \$2,50         \$5,00           NAR CRS Listed Solar & NAR ARC RIs Listed Repo	Washington Carbon Allowance Futures	lot (1,000 t)	\$4.50	\$2.50	\$2.50	\$4.00	
Certified Emission Reduction Futures   lot (1,000 t)   S5.00   \$2.50   \$2.50   \$5.00	RGGI Carbon Allowance Futures	lot (1,000 t)	\$1.75	\$1.00	\$1.00	\$2.00	
CSAPR NO, Ozone Season Group 2 Allowance Futures   lot (1 t)   \$5.00   \$2.50   \$5.00	VER / Carbon Removal Futures	lot (1,000 t)	\$10.00	\$5.00	\$5.00	\$5.00	
CSAPR NO, Ozone Season Group 3 Allowance Futures	Certified Emission Reduction Futures	lot (1,000 t)	\$5.00	\$2.50	\$2.50	\$2.00	
California PCC 3REC/CA Book and Claim REC Futures   lot (100 MWh)   \$1.75   \$1.00   \$1.00   \$1.00   \$1.75   \$1.00	CSAPR NO <sub>X</sub> Ozone Season Group 2 Allowance Futures	lot (1 t)	\$5.00	\$2.50	\$2.50	\$5.00	
PIM Compilance REC/AEC Futures   lot (100 MWh)   \$1.75   \$1.00   \$1.00   \$1.75	CSAPR NO <sub>x</sub> Ozone Season Group 3 Allowance Futures	lot (1 t)	\$10.00	\$5.00	\$5.00	\$5.00	
NEPOOL Class 1 Compliance REC/AEC Futures   lot (100 MWh)   \$3.00   \$1.50   \$2.50   \$4.00   NEPOOL Class 2 & Class 3 Compliance REC/AEC Futures   lot (100 MWh)   \$4.50   \$2.50   \$2.50   \$4.00   NEPOOL Class 2 & Class 3 Compliance REC/AEC Futures   lot (100 MWh)   \$4.50   \$2.50   \$2.50   \$2.50   \$4.00   New York REC First 1 Futures   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   Texas CRS Listed Solar / Wind REC & ERCOT CRS Listed Reporting   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   Texas CRS Listed Solar & NAR CRS Listed Wind REC Futures   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   M-RETS CRS Listed Wind REC Futures   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   M-RETS CRS Listed Wind REC Futures   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   M-RETS CRS Listed Wind REC Futures   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   M-RETS CRS Listed Wind REC Futures   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   M-RETS CRS Listed Wind REC Futures   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   ERCOT /M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   ERCOT /M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$5.00   \$2.50   \$2.50   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$4.50   \$2.50   \$2.50   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$4.50   \$2.50   \$2.50   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$4.50   \$2.50   \$2.50   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$4.50   \$5.00   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$4.50   \$5.00   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$4.50   \$5.00   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$4.50   \$5.00   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$4.50   \$5.00   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$4.50   \$5.00   \$5.00   ERCOT / M-RETS / NAR Wind REC Futures   lot (1,000 MWh)   \$6	California PCC 3 REC/CA Book and Claim REC Futures	lot (100 MWh)	\$1.75	\$1.00	\$1.00	\$1.75	
NEPOOL Class 2 & Class 3 Compliance REC/AEC Futures   lot (100 MWh)   \$4.50   \$2.50   \$2.50   \$4.00	PJM Compliance REC/AEC Futures	lot (100 MWh)	\$1.75	\$1.00	\$1.00	\$1.75	
New York REC Tier 1 Futures	NEPOOL Class 1 Compliance REC/AEC Futures	lot (100 MWh)	\$3.00	\$1.50	\$1.50	\$2.50	
Texas CRS Listed Solar /Wind REC & ERCOT CRS Listed Reporting Year Wind REC Futures   Interest Mind REC Futures   Interest Mark CRS Listed Wind REC Futu	NEPOOL Class 2 & Class 3 Compliance REC/AEC Futures	lot (100 MWh)	\$4.50	\$2.50	\$2.50	\$4.00	
Year Wind REC Futures         NAR CRS Listed Solar & NAR CRS Listed Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           NAR CRS Listed Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           WREGIS CRS Listed Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           National CRS Listed Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           RECOT /M-RETS / NAR Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Futures         lot (10 MWh)         \$4.50         \$2.50         \$2.50         \$4.00           Pennsylvania Solar AEC& Maryland Solar REC & Ohio Solar REC Futures         lot (10 MWh)         \$4.50         \$2.50         \$2.50         \$4.00           Reilfornia LCFS, Oregon CFP and Washington CFP Credits Futures         lot (1,000 RINs)         \$2.00         \$1.00         \$1.00         \$2.50         \$4.00           Rill Futures         lot (1,000 RINs)         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50	New York REC Tier 1 Futures	lot (100 MWh)	\$4.50	\$2.50	\$2.50	\$4.00	
M-RETS CRS Listed Wind REC Futures	Year Wind REC Futures	,					
WREGIS CRS Listed Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           National CRS Listed Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           ERCOT /M-RETS / NAR Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Futures         lot (10 MWh)         \$4.50         \$2.50         \$2.50         \$4.00           Pennsylvania Solar AEC& Maryland Solar REC & Ohio Solar REC Futures         lot (10 MWh)         \$0.50         \$0.25         \$0.25         \$0.50           California LCFS, Oregon CFP and Washington CFP Credits Futures         lot (10,000 redits)         \$4.50         \$2.50         \$2.50         \$4.00           RIN Futures         lot (10,000 RINs)         \$2.00         \$1.00         \$1.00         \$2.00           Renewable Natural Gas Certificate Futures         lot (1,000 oth)         \$15.00         \$10.00         \$1.00         \$2.50           Environmental Monthly Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           Environmental Monthly Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           California Carbon Allowance Options	NAR CRS Listed Solar & NAR CRS Listed Wind REC Futures	, ,	\$5.00	\$2.50	\$2.50	\$5.00	
National CRS Listed Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           ERCOT / M-RETS / NAR Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Futures         lot (10 MWh)         \$4.50         \$2.50         \$2.50         \$4.00           Pennsylvania Solar AEC& Maryland Solar REC & Ohio Solar REC Futures         lot (10 MWh)         \$0.50         \$0.25         \$0.25         \$0.50           California LCFS, Oregon CFP and Washington CFP Credits Futures         lot (10,000 RINs)         \$4.50         \$2.50         \$2.50         \$4.00           RIN Futures         lot (10,000 RINs)         \$2.00         \$1.00         \$1.00         \$2.00           Renewable Natural Gas Certificate Futures         lot (1,000 RINs)         \$2.00         \$1.00         \$1.00         \$1.00         \$1.00         \$2.00           Renewable Natural Gas Certificate Futures         lot (1,000 RINs)         \$2.00         \$1.00         \$1.00         \$1.00         \$1.00         \$1.00         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         \$2.50         <		, ,	\$5.00	\$2.50	\$2.50		
ERCOT / M-RETS / NAR Wind REC Futures         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50         \$5.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Futures         lot (10 MWh)         \$4.50         \$2.50         \$2.50         \$4.00           Pennsylvania Solar AEC& Maryland Solar REC & Ohio Solar REC Futures         lot (100 Credits)         \$4.50         \$2.50         \$2.50         \$0.50           California LCFS, Oregon CFP and Washington CFP Credits Futures         lot (10,000 RINs)         \$4.50         \$2.50         \$2.50         \$4.00           RIN Futures         lot (10,000 RINs)         \$2.00         \$1.00         \$1.00         \$1.00         \$2.00           Renewable Natural Gas Certificate Futures         lot (1,000 RINs)         \$2.00         \$1.00         \$1.00         \$1.00         \$2.00           Environmental Monthly Options           California Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.50           RGGI Carbon Allowance Options         lot (1,000 t)         \$	WREGIS CRS Listed Wind REC Futures	lot (1,000 MWh)	\$5.00	\$2.50	\$2.50	\$5.00	
New Jersey Solar, Massachusetts Solar & D.C. Solar REC Futures         lot (10 MWh)         \$4.50         \$2.50         \$2.50         \$4.00           Pennsylvania Solar AEC& Maryland Solar REC & Ohio Solar REC Futures         lot (100 MWh)         \$0.50         \$0.25         \$0.25         \$0.50           California LCFS, Oregon CFP and Washington CFP Credits Futures         lot (10,000 RINs)         \$2.50         \$2.50         \$4.00           RIN Futures         lot (10,000 RINs)         \$2.00         \$1.00         \$1.00         \$2.00           Renewable Natural Gas Certificate Futures         lot (1,000 th)         \$15.00         \$10.00         \$10.00         \$10.00           Environmental Monthly Options           California Carbon Allowance Options         lot (1,000 th)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 th)         \$4.50         \$2.50         \$2.00           RGGI Carbon Allowance Options         lot (1,000 th)         \$1.75         \$1.00         \$2.00           RGGI Carbon Allowance Options         lot (1,000 th)         \$1.75         \$1.00         \$2.50           Verified Emission Reduction Options         lot (1,000 th)         \$1.00         \$5.00         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 2 Allowance Optio							
Pennsylvania Solar AEC& Maryland Solar REC & Ohio Solar REC Futures   lot (10 MWh)   \$0.50   \$0.25   \$0.25   \$0.50   \$0.26   \$0.25							
California LCFS, Oregon CFP and Washington CFP Credits Futures         lot (100 Credits)         \$4.50         \$2.50         \$2.50         \$4.00           RIN Futures         lot (10,000 RINs)         \$2.00         \$1.00         \$1.00         \$2.00           Renewable Natural Gas Certificate Futures         lot (1,000 dth)         \$15.00         \$10.00         \$10.00         \$15.00           Environmental Monthly Options           California Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 t)         \$1.00         \$5.00         \$2.00           Werified Emission Reduction Options         lot (1,000 t)         \$10.00         \$5.00         \$5.00           CSAPR NO <sub>x</sub> Ozone Season Group 2 Allowance Options         lot (1 t)         \$5.00         \$5.00         \$5.00           CSAPR NO <sub>x</sub> Cozone Season Group 3 Allowance Options         lot (10 MWh)         \$1.50	•	lot (10 MWh)					
RIN Futures   Iot (10,000 RINs)   \$2.00   \$1.00   \$1.00   \$2	,						
Renewable Natural Gas Certificate Futures         lot(1,000 dth)         \$15.00         \$10.00         \$10.00         \$15.00           Environmental Monthly Options         Iot (1,000 t)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           RGGI Carbon Allowance Options         lot (1,000 t)         \$1.75         \$1.00         \$2.00           Verified Emission Reduction Options         lot (1,000 t)         \$10.00         \$5.00         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 2 Allowance Options         lot (1,000 t)         \$5.00         \$5.00         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 3 Allowance Options         lot (1 t)         \$10.00         \$5.00         \$5.00           CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (1 t)         \$10.00         \$5.00         \$5.00           All other CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (25 t)         \$1.50         \$0.75         \$1.00           PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$2.50           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options		, , ,	· ·				
Environmental Monthly Options           California Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           RGGI Carbon Allowance Options         lot (1,000 t)         \$1.75         \$1.00         \$2.00           Verified Emission Reduction Options         lot (1,000 t)         \$10.00         \$5.00         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 2 Allowance Options         lot (1 t)         \$5.00         \$2.50         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 3 Allowance Options         lot (1 t)         \$10.00         \$5.00         \$5.00           All other CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (25 t)         \$1.50         \$0.75         \$1.00           PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50           New Jersey							
California Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           Washington Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           RGGI Carbon Allowance Options         lot (1,000 t)         \$1.75         \$1.00         \$2.00           Verified Emission Reduction Options         lot (1,000 t)         \$10.00         \$5.00         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 2 Allowance Options         lot (1 t)         \$5.00         \$2.50         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 3 Allowance Options         lot (1 t)         \$10.00         \$5.00         \$5.00           All other CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (25 t)         \$1.50         \$0.75         \$1.00           PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 M	Renewable Natural Gas Certificate Futures	lot(1,000 dth)	\$15.00	\$10.00	\$10.00	\$15.00	
Washington Carbon Allowance Options         lot (1,000 t)         \$4.50         \$2.50         \$2.00           RGGI Carbon Allowance Options         lot (1,000 t)         \$1.75         \$1.00         \$2.00           Verified Emission Reduction Options         lot (1,000 t)         \$10.00         \$5.00         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 2 Allowance Options         lot (1 t)         \$5.00         \$2.50         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 3 Allowance Options         lot (1 t)         \$10.00         \$5.00         \$5.00           All other CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (25 t)         \$1.50         \$0.75         \$1.00           PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.50           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options	• •						
RGGI Carbon Allowance Options         lot (1,000 t)         \$1.75         \$1.00         \$2.00           Verified Emission Reduction Options         lot (1,000 t)         \$10.00         \$5.00         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 2 Allowance Options         lot (1 t)         \$5.00         \$2.50         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 3 Allowance Options         lot (1 t)         \$10.00         \$5.00         \$5.00           All other CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (25 t)         \$1.50         \$0.75         \$1.00           PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options         lot (10 MWh)         \$0.50         \$0.25         \$0.50	·		· ·				
Verified Emission Reduction Options         lot (1,000 t)         \$10.00         \$5.00         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 2 Allowance Options         lot (1 t)         \$5.00         \$2.50         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 3 Allowance Options         lot (1 t)         \$10.00         \$5.00         \$5.00           All other CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (25 t)         \$1.50         \$0.75         \$1.00           PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options         lot (10 MWh)         \$0.50         \$0.25         \$0.50	· ·		· ·				
CSAPR NO <sub>X</sub> Ozone Season Group 2 Allowance Options         lot(1 t)         \$5.00         \$2.50         \$5.00           CSAPR NO <sub>X</sub> Ozone Season Group 3 Allowance Options         lot(1 t)         \$10.00         \$5.00         \$5.00           All other CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (25 t)         \$1.50         \$0.75         \$1.00           PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options         lot (10 MWh)         \$0.50         \$0.25         \$0.50	·		· ·				
CSAPR NO <sub>X</sub> Ozone Season Group 3 Allowance Options         lot (1 t)         \$10.00         \$5.00         \$5.00           All other CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (25 t)         \$1.50         \$0.75         \$1.00           PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options         lot (10 MWh)         \$0.50         \$0.25         \$0.50	·	, , , ,	•				
All other CSAPR SO <sub>2</sub> /NO <sub>X</sub> Emission Allowance Options         lot (25 t)         \$1.50         \$0.75         \$1.00           PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options         lot (10 MWh)         \$0.50         \$0.25         \$0.50							
PJM Compliance REC Options         lot (100 MWh)         \$1.75         \$1.00         \$1.00           NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options         lot (10 MWh)         \$0.50         \$0.25         \$0.50	·	• •					
NEPOOL Class 1 Compliance REC/AEC Options         lot (100 MWh)         \$3.00         \$1.50         \$1.00           NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options         lot (10 MWh)         \$0.50         \$0.25         \$0.50		` ,					
NEPOOL Class 2 & Class 3 Compliance REC/AEC Options         lot (100 MWh)         \$4.50         \$2.50         \$2.50           Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options         lot (10 MWh)         \$0.50         \$0.25         \$0.50	·		·				
Texas CRS listed REC Options         lot (1,000 MWh)         \$5.00         \$2.50         \$2.00           New Jersey Solar, Massachusetts Solar & D.C. Solar REC Options         lot (10 MWh)         \$4.50         \$2.50         \$2.50           Pennsylvania Solar AEC& Maryland Solar REC Options         lot (10 MWh)         \$0.50         \$0.25         \$0.50	·						
New Jersey Solar, Massachusetts Solar & D.C. Solar REC Optionslot (10 MWh)\$4.50\$2.50\$2.50Pennsylvania Solar AEC& Maryland Solar REC Optionslot (10 MWh)\$0.50\$0.25\$0.50	·	•					
Pennsylvania Solar AEC& Maryland Solar REC Options lot (10 MWh) \$0.50 \$0.25 \$0.50	·	,					
2							
RIN Options lot (10,000 RINs) \$2.00 \$1.00 \$2.00	-						

## Notes

1. This fee schedule is a summary of fees and for power has been normalized on per MWh basis. Power offpeak monthly power futures' trade and settlement fees average \$0.0001/MWh less than the listed fees. Nodal charges fees per lot, the per lot fee for each contract by fee type and trade type can be found in the "All Nodal Exchange Contracts" at <a href="https://www.nodalexchange.com/files/autogenerated/Nodal">https://www.nodalexchange.com/files/autogenerated/Nodal</a> Exchange Contracts.CSV

All trades consist of an "Exchange Execution" fee and "Clearing Registration" Fee. Nodal Clear charges settlement fees for positions held through expiration and cexercise fee for exercised options.	ption