APPENDIX B – MINIMUMBLOCK SIZES FOR NODAL EXCHANGE CONTRACTS

The minimum sizes for Block Trades are as follows:

Nodal Exchange Contract Description	Minimum Block Size (Lots)
All power contracts (RT LMP, DA LMP, Energy, Energy plus	5
Congestion) settling to peak or off-peak hours of the month and	
trading as an outright, intra-contract or inter-contract spread,	
All RIN contracts,	
Texas Compliance Solar Renewable Energy Certificate from CRS	
Listed Facilities Front Half,	
Texas Compliance Solar Renewable Energy Certificate from CRS	
Listed Facilities Back Half,	
Texas Compliance Renewable Energy Certificate from CRS Listed	
Facilities Front Half,	
Texas Compliance Renewable Energy Certificate from CRS Listed	
Facilities Back Half,	
M-RETS Renewable Energy Certificate from CRS Listed	
Wind Energy Facilities Front Half,	
M-RETS Renewable Energy Certificate from CRS Listed	
Wind Energy Facilities Back Half,	
NAR CRS Listed Wind REC Front Half,	
NAR CRS Listed Wind REC Back Half,	
NAR CRS Listed Wind REC Back Half,	
NAR CRS Listed Solar REC Back Half,	
WREGIS CRS Listed Wind REC Front Half,	
WREGIS CRS Listed Wind REC Back Half	
National CRS Listed Wind REC Front Half,	
National CRS Listed Wind REC Back Half	
Henry Hub LD 2500	25
Henry Hub Pen 2500	25
Henry Hub LD 10K	50
Henry Hub Pen 10K	15
CSAPR SO2/NOX Emission Allowances	4
California Carbon Allowances,	10
California PCC 3 RECs,	
Connecticut Compliance Class 2 RECs,	
Connecticut Compliance Class 3 RECs,	
District of Columbia Tier 1 RECs,	
District of Columbia Solar RECs,	
RGGI Carbon Allowances,	
New Jersey Solar RECs,	
Massachusetts Solar RECs,	
Massachusetts Solar RECs Carve Out II,	
Massachusetts Compliance Class 2 RECs,	
Maine Class 1 RECs,	
Maine Class 2 RECs,	

Maryland Tier 2 RECs, New Hampshire Class 1 RECs, New Hampshire Class 3 RECs, Ohio Non-Solar RECs, Ohio Solar RECs, Ohio Solar RECs, Pennsylvania Solar AECs, Rhode Island New RECs, California Low Carbon Fuel Standard, Oregon Clean Fuels Program, Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 1 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs, New Jersey Compliance Class 1 RECs,	Maryland Solar RECs,	10
New Hampshire Class 1 RECs, New Hampshire Class 3 RECs, Ohio Non-Solar RECs, Ohio Solar RECs, Pennsylvania Solar AECs, Rhode Island New RECs, California Low Carbon Fuel Standard, Oregon Clean Fuels Program, Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificate Tier I New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Pennsylvania Compliance Tier 1 AECs, Pennsylvania Compliance Tier 1 AECs,	· · · · · · · · · · · · · · · · · · ·	10
New Hampshire Class 3 RECs, Ohio Non-Solar RECs, Ohio Solar RECs, Pennsylvania Solar AECs, Rhode Island New RECs, California Low Carbon Fuel Standard, Oregon Clean Fuels Program, Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PIM Tri-Qualified Class 1 RECs, Pennsylvania Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Ohio Non-Solar RECs, Ohio Solar RECs, Pennsylvania Solar AECs, Rhode Island New RECs, California Low Carbon Fuel Standard, Oregon Clean Fuels Program, Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction CORSIA-Eligible, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Pennsylvania Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Ohio Solar RECs, Pennsylvania Solar AECs, Rhode Island New RECs, California Low Carbon Fuel Standard, Oregon Clean Fuels Program, Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificate Tier I New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Pennsylvania Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	± '	
Pennsylvania Solar AECs, Rhode Island New RECs, California Low Carbon Fuel Standard, Oregon Clean Fuels Program, Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	· · · · · · · · · · · · · · · · · · ·	
Rhode Island New RECs, California Low Carbon Fuel Standard, Oregon Clean Fuels Program, Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Pennsylvania Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	, and the second	
California Low Carbon Fuel Standard, Oregon Clean Fuels Program, Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Oregon Clean Fuels Program, Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Massachusetts Alternative Energy Certificate, Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	·	
Pennsylvania Alternative Energy Certificate Tier II, Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Massachusetts Renewable Energy Certificate Class 2 WTE, New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	==	
New York Renewable Energy Certificates Tier 1 New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
New Jersey Compliance Renewable Energy Certificate Class 2, Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Massachusetts CES-E Certificate, Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Maine Renewable Energy Certificate Class 1A, California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	· · · · · · · · · · · · · · · · · · ·	
California Carbon Offset 8, California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Pennsylvania Compliance Tier 1 AECs,	, and the second	
California Carbon Offset 0, Verified Emission Reduction Nature-Based, Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Verified Emission Reduction CORSIA-Eligible, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	· · · · · · · · · · · · · · · · · · ·	
Certified Emission Reduction Commitment Period 2, Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	,	
Certified Emission Reduction 2013+, Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Certified Emission Reduction 2016+, Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	, ,	
Carbon Removal, Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Global Emission Reduction, Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	· ·	
Renewable Natural Gas Certificate, Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	· ·	
Washington Carbon Allowances, New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	·	
New Jersey/Pennsylvania Dual-Qualified Renewable Energy Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,	· ·	
Certificate Class 2 PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
PJM Tri-Qualified Class 1 RECs, Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		
Maryland Compliance Tier 1 RECs, Pennsylvania Compliance Tier 1 AECs,		50
Pennsylvania Compliance Tier 1 AECs,		
•	, ·	
Tien velocy compliance class I rese,		
NEPOOL Dual-Qualified Class 1 RECs,	, · · · · · · · · · · · · · · · · · · ·	
NEPOOL Quad-Qualified Class 1 RECs,		
Connecticut Compliance Class 1 RECs,		
Massachusetts Compliance Class 1 RECs,		
Texas Compliance RECs	<u> </u>	