

## Environmental Products Reference Sheet

	Registry	Name	Future Vintages	Option Vintages	Code	Contract Size	Block Minimum	Strike Interval
Emissions	CITSS	California Carbon Allowance Futures & Options	V2017-V2025	V2017-V2025	WCA, WCB, WCC, WCD, WCE, WCF, WCG, WCH, WCI	1,000 Allowances	10	\$0.05
		California Carbon Allowance Specific Vintages Futures & Options	V2017-V2023	V2017-V2023	WSA, WSB, WSC, WSD, WSE, WSF, WSG	1,000 Allowances	10	\$0.05
	EPA CAMD	Cross-State Air Pollution Rule (TR NOx Futures & Options	V2019	V2019	NOC	25 Allowances	4	\$0.25
		Cross-State Air Pollution Rule Ozone Futures & Options	V2019	V2019	NZC	25 Allowances	4	\$5.00
		Cross-State Air Pollution Rule TR SO2 Group I Futures & Options	V2019	V2019	S1C	25 Allowances	4	\$0.05
		Cross-State Air Pollution Rule TR SO2 Group II Futures & Options	V2019	V2019	S2C	25 Allowances	4	\$0.05
	RGGI COATS	Regional Greenhouse Gas Initiative Futures & Options	V2017 -V2025	V2017 -V2025	RGA, RGB, RGC, RGD, RGE, RGF, RGG, RGH, RGI	1,000 Allowances	10	\$0.05
	LRT-CBTS	<b>California Low Carbon Fuel Standard Futures &amp; Options</b>	<b>N/A</b>	<b>N/A</b>	<b>RFC</b>	<b>100 Credits</b>	<b>10</b>	<b>\$0.25</b>
	CFP	<b>Oregon Clean Fuels Future Program Futures &amp; Options</b>	<b>N/A</b>	<b>N/A</b>	<b>OCA</b>	<b>100 Credits</b>	<b>10</b>	<b>\$0.25</b>
	EMTS	<b>D3 Renewable Identification Numbers Futures &amp; Options</b>	<b>V2019-V2025</b>	<b>V2019-V2025</b>	<b>RPA, RPB, RPC, RPD, RPE, RPF, RPG</b>	<b>10,000 RINs</b>	<b>5</b>	<b>\$0.05</b>
<b>D4 Renewable Identification Numbers Futures &amp; Options</b>		<b>V2019-V2025</b>	<b>V2019-V2025</b>	<b>RNA, RNB, RNC, RND, RNE, RNF, RNG</b>	<b>10,000 RINs</b>	<b>5</b>	<b>\$0.05</b>	
<b>D5 Renewable Identification Numbers Futures &amp; Options</b>		<b>V2019-V2025</b>	<b>V2019-V2025</b>	<b>ROA, ROB, ROC, ROD, ROE, ROF, ROG</b>	<b>10,000 RINs</b>	<b>5</b>	<b>\$0.05</b>	
<b>D6 Renewable Identification Numbers Futures &amp; Options</b>		<b>V2019-V2025</b>	<b>V2019-V2025</b>	<b>RMA, RMB, RMC, RMD, RME, RMF, RMG</b>	<b>10,000 RINs</b>	<b>5</b>	<b>\$0.05</b>	
RECs	ERCOT	Texas Compliance RECs Futures & Options	V2017-V2030	V2017-V2030	TXA, TXB, TXC, TXD, TXE, TXF, TXG, TXH, TXI, TXJ, TXK, TXL, TXM, TXN	100 RECs	50	\$0.05
		<b>Texas Compliance RECs From CRS Eligible Listed Facilities - Vintage Specific Back Half Futures &amp; Options</b>	<b>V2019-V2030</b>	<b>V2020-V2030</b>	<b>TBC, TBD, TBE, TBF, TBG, TBH, TBI, TBJ, TBK, TBL, TBM, TBN</b>	<b>1,000 RECs</b>	<b>10</b>	<b>\$0.05</b>
		<b>Texas Compliance RECs From CRS Eligible Listed Facilities - Vintage Specific Front Half Futures &amp; Options</b>	<b>V2019-V2030</b>	<b>V2020-V2030</b>	<b>TFC, TFD, TFE, TFF, TFG, TFH, TFI, TFJ, TFK, TFL, TFM, TFN</b>	<b>1,000 RECs</b>	<b>10</b>	<b>\$0.05</b>
		<b>Texas Compliance Solar REC From CRS Eligible Listed Facilities - Vintage Specific Back Half Futures</b>	<b>V2020-V2025</b>		<b>TTA, TTB, TTC, TTD, TTE, TTF</b>	<b>1,000 RECs &amp; 1,000 CPs</b>	<b>5</b>	
		<b>Texas Compliance Solar REC From CRS Eligible Listed Facilities - Vintage Specific Front Half Futures</b>	<b>V2020-V2025</b>		<b>TSA, TSB, TSC, TSD, TSE, TSF</b>	<b>1,000 RECs &amp; 1,000 CPs</b>	<b>5</b>	
	M-RETS	<b>M-RETS Compliance REC from CRS Listed Wind Facilities – Vintage Specific Back Half Futures</b>	<b>V2020-V2025</b>		<b>MXA, MXB, MXC, MXD, MXE, MXF</b>	<b>1,000 RECs</b>	<b>10</b>	
		<b>M-RETS Compliance REC from CRS Listed Wind Facilities – Vintage Specific Front Half Futures</b>	<b>V2020-V2025</b>		<b>MWA, MWB, MWC, MWD, MWE, MWF</b>	<b>1,000 RECs</b>	<b>10</b>	
NY-GATS	<b>New York Tier 1 RECs Futures</b>	<b>V2020-V2025</b>		<b>NYA, NYB, NYC, NYD, NYE, NYF</b>	<b>100 RECs</b>	<b>10</b>		

The products highlighted in green are only available on Nodal.

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NEPOOL GIS	Connecticut Class I REC Futures & Options	V2020-V2030	V2020-V2025	RCD, RCE, RCF, RCG, RCH, RCI, RCJ, RCK, RCL, RCM, RCN	100 RECs	50	\$0.25	
	<b>Connecticut Class II REC Futures</b>	<b>V2020-V2025</b>		<b>RDD, RDE, RDF, RDG, RDH, RDI</b>	<b>100 RECs</b>	<b>10</b>		
	<b>Connecticut Class III REC Futures</b>	<b>V2020-V2025</b>		<b>RED, REE, REF, REG, REH, REI</b>	<b>100 RECs</b>	<b>10</b>		
	Massachusetts Class I REC Futures & Options	V2020-V2030	V2020-V2025	MAD, MAE, MAF, MAG, MAH, MAI, MAJ, MAK, MAL, MAM, MAN	100 RECs	50	\$0.25	
	<b>Massachusetts Class II RECs (Non-WTE) Futures</b>	<b>V2020-V2025</b>		<b>MED, MEE, MEF, MEG, MEH, MEI</b>	<b>100 RECs</b>	<b>10</b>		
	<b>Massachusetts Class II WTE RECs Futures</b>	<b>V2020-V2025</b>		<b>MGD, MGE, MGF, MGG, MGH, MGI</b>	<b>100 RECs</b>	<b>10</b>		
	<b>Massachusetts Alternative Energy Certificates Futures</b>	<b>V2020-V2025</b>		<b>MFD, MFE, MFF, MFG, MFH, MFI</b>	<b>100 RECs</b>	<b>10</b>		
	Massachusetts Solar I REC Futures & Options	V2020-V2024	V2020-V2024	MSD, MSE, MSF, MSG, MSH	10 SRECs	10	\$5.00	
	Massachusetts Solar Carve out II REC Futures & Options	V2020-V2025	V2020-V2025	MCD, MCE, MCF, MCG, MCH, MCI	10 SRECs	10	\$5.00	
	NEPOOL Dual Qualified Class I REC Futures & Options	V2020-V2030	V2020-V2025	NPD, NPE, NPF, NPG, NPH, NPI, NPJ, NPK, NPL, NPM, NPN	100 RECs	50	\$0.25	
	<b>New Hampshire Class I RECs Futures</b>	<b>V2020-V2025</b>		<b>NRD, NRE, NRF, NRG, NRH, NRI</b>	<b>100 RECs</b>	<b>10</b>		
	<b>New Hampshire Class III RECs Futures</b>	<b>V2020-V2025</b>		<b>NTD, NTE, NTF, NTG, NTH, NTI</b>	<b>100 RECs</b>	<b>10</b>		
	<b>Rhode Island New RECs Futures</b>	<b>V2020-V2025</b>		<b>RID, RIE, RIF, RIG, RIH, RII</b>	<b>100 RECs</b>	<b>10</b>		
<b>Maine Class I RECs Futures</b>	<b>V2020-V2025</b>		<b>MND, MNE, MNF, MNG, MNH, MNI</b>	<b>100 RECs</b>	<b>10</b>			
RECs	PJM GATS	Maryland Solar REC Futures & Options	V2019-V2025	V2019-V2025	MRC, MRD, MRE, MRF, MRG, MRH, MRI	10 SRECs	10	\$0.25
		Maryland Tier I REC Vintage Specific Futures & Options	V2019-V2030	V2019-V2030	MDC, MDD, MDE, MDF, MDG, MDH, MDI, MDJ, MDK, MDL, MDM, MDN	100 RECs	50	\$0.25
		<b>Maryland Tier I REC Bankable Futures &amp; Options</b>	<b>V2019-V2025</b>	<b>V2019-V2025</b>	<b>MBC, MBD, MBE, MBF, MBG, MBH, MDI</b>	<b>100 RECs</b>	<b>50</b>	<b>\$0.25</b>
		New Jersey Class I REC Vintage Specific Futures & Options	V2019-V2030	V2019-V2030	NJC, NJD, NJE, NJF, NJG, NJH, NJI, NJJ, NJK, NJL, NJM, NJN	100 RECs	50	\$0.25
		<b>New Jersey Class I REC Bankable Futures &amp; Options</b>	<b>V2019-V2025</b>	<b>V2019-V2025</b>	<b>NBC, NBD, NBE, NBF, NBG, NBH, NBI</b>	<b>100 RECs</b>	<b>50</b>	<b>\$0.25</b>
		<b>New Jersey Class II RECs Futures</b>	<b>V2021-V2025</b>		<b>SGE, SGF, SGG, SGH, SGI</b>	<b>100 RECs</b>	<b>25</b>	
		New Jersey Solar REC Futures & Options	V2019-V2025	V2019-V2025	NSC, NSD, NSE, NSF, NSG, NSH, NSI	10 SRECs	10	\$1.00
		Pennsylvania Alternative Energy Certificate Tier I Vintage Specific Futures & Options	V2019-V2030	V2019-V2030	PAC, PAD, PAE, PAF, PAG, PAH, PAI, PAJ, PAK, PAL, PAM, PAN	100 AECs	50	\$0.25
		<b>Pennsylvania Alternative Energy Certificate Tier II Futures</b>	<b>V2019-V2025</b>		<b>PCC, PCD, PCE, PCF, PCG, PCH, PCI</b>	<b>100 AECs</b>	<b>10</b>	
		<b>Pennsylvania Alternative Energy Certificate Tier I Bankable Futures &amp; Options</b>	<b>V2019-V2025</b>	<b>V2019-V2025</b>	<b>PBC, PBD, PBE, PBF, PBG, PBH, PBI</b>	<b>100 AECs</b>	<b>50</b>	<b>\$0.25</b>
		Pennsylvania Solar Alternative Energy Certificate Futures & Options	V2019-V2025	V2019-V2025	PSC, PSD, PSE, PSF, PSG, PSH, PSI	10 SAECs	10	\$0.25
		PJM Tri-Qualified RECs Class I Futures & Options	V2019-V2030	V2019-V2026	PMC, PMD, PME, PMF, PMG, PMH, PMI, PMJ, PMK, PML, PMM, PMN	100 RECs	50	\$0.05
		<b>District of Columbia Tier I RECs Futures</b>	<b>V2019-V2025</b>		<b>WDC, WDD, WDE, WDF, WDG, WDH, WDI</b>	<b>100 RECs</b>	<b>10</b>	
	<b>District of Columbia Solar RECs Futures</b>	<b>V2019-V2025</b>		<b>WRC, WRD, WRE, WRF, WRG, WRH, WRI</b>	<b>10 RECs</b>	<b>10</b>		
	<b>Ohio Non-Solar RECs Futures</b>	<b>V2019-V2025</b>		<b>OHC, OHD, OHE, OHF, OHG, OHH, OHI</b>	<b>100 RECs</b>	<b>10</b>		
<b>Ohio Solar RECs Futures</b>	<b>V2019-V2023</b>		<b>OSC, OSD, OSE, OSF, OSG</b>	<b>10 SRECs</b>	<b>10</b>			

The products highlighted in green are only available on Nodal. All tick sizes for environmental contracts for REC futures are \$0.01 and for REC options are \$0.001. Please note, this document is for illustrative purposes only. Please refer to Nodal Exchange for official product information.