

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-V2025	V2017-V2025	WSA, WSB, WSC, WSD, WSE, WSF, WSG, WSH, WSI	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	California Low Carbon Fuel Standard Futures & Options	N/A	N/A	RFC	100 Credits	10	\$0.25
	CFP	Oregon Clean Fuels Future Program Futures & Options	N/A	N/A	OCA	100 Credits	10	\$0.25
	EMTS	D3 Renewable Identification Numbers Futures & Options	V2019-V2025	V2019-V2025	RPA, RPB, RPC, RPD, RPE, RPF, RPG	10,000 RINs	5	\$0.05
D4 Renewable Identification Numbers Futures & Options		V2019-V2025	V2019-V2025	RNA, RNB, RNC, RND, RNE, RNF, RNG	10,000 RINs	5	\$0.05	
D5 Renewable Identification Numbers Futures & Options		V2019-V2025	V2019-V2025	ROA, ROB, ROC, ROD, ROE, ROF, ROG	10,000 RINs	5	\$0.05	
D6 Renewable Identification Numbers Futures & Options		V2019-V2025	V2019-V2025	RMA, RMB, RMC, RMD, RME, RMF, RMG	10,000 RINs	5	\$0.05	
RECs	ERCOT	Texas Compliance RECs Futures & Options	V2020-V2030	V2020-V2030	TXD, TXE, TXF, TXG, TXH, TXI, TXJ, TXK, TXL, TXM, TXN	100 RECs	50	\$0.05
		Texas Compliance RECs From CRS Eligible Listed Facilities - Vintage Specific Back Half Futures & Options	V2020-V2030	V2020-V2030	TBD, TBE, TBF, TBG, TBH, TBI, TBJ, TBK, TBL, TBM, TBN	1,000 RECs	10	\$0.05
		Texas Compliance RECs From CRS Eligible Listed Facilities - Vintage Specific Front Half Futures & Options	V2020-V2030	V2020-V2030	TFD, TFE, TFF, TFG, TFH, TFI, TFJ, TFK, TFL, TFM, TFN	1,000 RECs	10	\$0.05
		Texas Compliance Solar REC From CRS Eligible Listed Facilities - Vintage Specific Back Half Futures	V2020-V2025		TTA, TTB, TTC, TTD, TTE, TTF	1,000 RECs & 1,000 CPs	5	
		Texas Compliance Solar REC From CRS Eligible Listed Facilities - Vintage Specific Front Half Futures	V2020-V2025		TSA, TSB, TSC, TSD, TSE, TSF	1,000 RECs & 1,000 CPs	5	
	M-RETS	M-RETS Compliance REC from CRS Listed Wind Facilities – Vintage Specific Back Half Futures	V2020-V2025		MXA, MXB, MXC, MXD, MXE, MXF	1,000 RECs	10	
		M-RETS Compliance REC from CRS Listed Wind Facilities – Vintage Specific Front Half Futures	V2020-V2025		MWA, MWB, MWC, MWD, MWE, MWF	1,000 RECs	10	
	NY-GATS	New York Tier 1 RECs Futures	V2020-V2025		NYA, NYB, NYC, NYD, NYE, NYF	100 RECs	10	

The products highlighted in green are only available on Nodal.

Please note, this document is for illustrative purposes only. Please refer to Nodal Exchange for official product information.

Environmental Products Reference Sheet

Registry	Name	Future Vintages	Option Vintages	Code	Contract Size	Block Minimum	Strike Interval
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
	Connecticut Class II REC Futures	V2020-V2026		RDD, RDE, RDF, RDG, RDH, RDI, RDJ	100 RECs	10	
	Connecticut Class III REC Futures	V2020-V2025		RED, REE, REF, REG, REH, REI	100 RECs	10	
	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
	Massachusetts Class II RECs (Non-WTE) Futures	V2020-V2025		MED, MEE, MEF, MEG, MEH, MEI	100 RECs	10	
	Massachusetts Class II WTE RECs Futures	V2020-V2025		MGD, MGE, MGF, MGG, MGH, MGI	100 RECs	10	
	Massachusetts Alternative Energy Certificates Futures	V2020-V2026		MFD, MFE, MFF, MFG, MFH, MFI, MFJ	100 RECs	10	
	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-V2027	V2020-V2027	MCD, MCE, MCF, MCG, MCH, MCI, MCJ, MCK	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
	New Hampshire Class I RECs Futures	V2020-V2025		NRD, NRE, NRF, NRG, NRH, NRI	100 RECs	10	
	New Hampshire Class III RECs Futures	V2020-V2025		NTD, NTE, NTF, NTG, NTH, NTI	100 RECs	10	
	Rhode Island New RECs Futures	V2020-V2025		RID, RIE, RIF, RIG, RIH, RII	100 RECs	10	
	Maine Class I RECs Futures	V2020-V2025		MND, MNE, MNF, MNG, MNH, MNI	100 RECs	10	
RECS	Maryland Solar REC Futures & Options	V2020-V2027	V2020-V2027	MRD, MRE, MRF, MRG, MRH, MRI, MRJ, MRK	10 SRECs	10	\$0.25
	Maryland Tier I REC Vintage Specific Futures & Options	V2020-V2030	V2020-V2030	MDD, MDE, MDF, MDG, MDH, MDI, MDJ, MDK, MDL, MDM, MDN	100 RECs	50	\$0.25
	Maryland Tier I REC Bankable Futures & Options	V2020-V2025	V2020-V2025	MBD, MBE, MBF, MBG, MBH, MDI	100 RECs	50	\$0.25
	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
	New Jersey Class I REC Bankable Futures & Options	V2019-V2025	V2019-V2025	NBC, NBD, NBE, NBF, NBG, NBH, NBI	100 RECs	50	\$0.25
	New Jersey Class II RECs Futures	V2021-V2025		SGE, SGF, SGG, SGH, SGI	100 RECs	25	
	New Jersey Solar REC Futures & Options	V2019-V2027	V2019-V2027	NSC, NSD, NSE, NSF, NSG, NSH, NSI, NSJ, NSK	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
	Pennsylvania Alternative Energy Certificate Tier II Futures	V2019-V2026		PCC, PCD, PCE, PCF, PCG, PCH, PCI, PCJ	100 AECs	10	
	Pennsylvania Alternative Energy Certificate Tier I Bankable Futures & Options	V2019-V2025	V2019-V2025	PBC, PBD, PBE, PBF, PBG, PBH, PBI	100 AECs	50	\$0.25
	Pennsylvania Solar Alternative Energy Certificate Futures & Options	V2019-V2027	V2019-V2027	PSC, PSD, PSE, PSF, PSG, PSH, PSI, PSJ, PSK	10 SAECs	10	\$0.25
	PJM Tri-Qualified RECs Class I Futures & Options	V2019-V2030	V2019-V2030	PMC, PMD, PME, PMF, PMG, PMH, PMI, PMJ, PMK, PML, PMM, PMN	100 RECs	50	\$0.05
	District of Columbia Tier I RECs Futures	V2020-V2026		WDD, WDE, WDF, WDG, WDH, WDI, WDJ	100 RECs	10	
	District of Columbia Solar RECs Futures	V2020-V2026		WRD, WRE, WRF, WRG, WRH, WRI, WRJ	10 RECs	10	
Ohio Non-Solar RECs Futures	V2020-V2026		OHD, OHE, OHF, OHG, OHH, OHI, OHJ	100 RECs	10		
Ohio Solar RECs Futures	V2020-V2023		OSD, OSE, OSF, OSG	10 SRECs	10		
PJM GATS	Maryland Solar REC Futures & Options	V2020-V2027	V2020-V2027	MRD, MRE, MRF, MRG, MRH, MRI, MRJ, MRK	10 SRECs	10	\$0.25
	Maryland Tier I REC Vintage Specific Futures & Options	V2020-V2030	V2020-V2030	MDD, MDE, MDF, MDG, MDH, MDI, MDJ, MDK, MDL, MDM, MDN	100 RECs	50	\$0.25
	Maryland Tier I REC Bankable Futures & Options	V2020-V2025	V2020-V2025	MBD, MBE, MBF, MBG, MBH, MDI	100 RECs	50	\$0.25
	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
	New Jersey Class I REC Bankable Futures & Options	V2019-V2025	V2019-V2025	NBC, NBD, NBE, NBF, NBG, NBH, NBI	100 RECs	50	\$0.25
	New Jersey Class II RECs Futures	V2021-V2025		SGE, SGF, SGG, SGH, SGI	100 RECs	25	
	New Jersey Solar REC Futures & Options	V2019-V2027	V2019-V2027	NSC, NSD, NSE, NSF, NSG, NSH, NSI, NSJ, NSK	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
	Pennsylvania Alternative Energy Certificate Tier II Futures	V2019-V2026		PCC, PCD, PCE, PCF, PCG, PCH, PCI, PCJ	100 AECs	10	
	Pennsylvania Alternative Energy Certificate Tier I Bankable Futures & Options	V2019-V2025	V2019-V2025	PBC, PBD, PBE, PBF, PBG, PBH, PBI	100 AECs	50	\$0.25
	Pennsylvania Solar Alternative Energy Certificate Futures & Options	V2019-V2027	V2019-V2027	PSC, PSD, PSE, PSF, PSG, PSH, PSI, PSJ, PSK	10 SAECs	10	\$0.25
	PJM Tri-Qualified RECs Class I Futures & Options	V2019-V2030	V2019-V2030	PMC, PMD, PME, PMF, PMG, PMH, PMI, PMJ, PMK, PML, PMM, PMN	100 RECs	50	\$0.05
	District of Columbia Tier I RECs Futures	V2020-V2026		WDD, WDE, WDF, WDG, WDH, WDI, WDJ	100 RECs	10	
	District of Columbia Solar RECs Futures	V2020-V2026		WRD, WRE, WRF, WRG, WRH, WRI, WRJ	10 RECs	10	
Ohio Non-Solar RECs Futures	V2020-V2026		OHD, OHE, OHF, OHG, OHH, OHI, OHJ	100 RECs	10		
Ohio Solar RECs Futures	V2020-V2023		OSD, OSE, OSF, OSG	10 SRECs	10		

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.