

# Environmental Products Reference Sheet

Registry	Name	Future Vintages	Option Vintages	Code	Contract Size	Block Minimum	Strike Interval
CITSS	California Carbon Allowances	V2017-V2030	V2017-V2030	WCA, WCB, WCC, WCD, WCE, WCF, WCG, WCH, WCI, WCJ, WCK, WCL, WCM, WCN	1,000 Allowances	10	\$0.05
	California Carbon Allowances Specific Vintages	V2019-V2030	V2019-V2030	WSC, WSD, WSE, WSF, WSG, WSH, WSI, WSJ, WSK, WSL, WSM, WSN	1,000 Allowances	10	\$0.05
	California Carbon Offset 0	N/A		WTB	1,000 Offsets	10	
	California Carbon Offset 0 w/ Direct Environmental Benefits	N/A		WTD	1,000 Offsets	10	
	California Carbon Offset 8	N/A		WTA	1,000 Offsets	10	
WCITSS	Washington Carbon Allowances	V2023-V2026	V2023-V2026	WBG, WBH, WBI, WBJ	1,000 Allowances	10	\$0.05
	Washington Carbon Allowance Vintage Specific	V2023-V2026		SVG, SVH, SVI, SVJ	1,000 Allowances	10	
EPA CAMD	Cross-State Air Pollution Rule TR NOx	V2019	V2019	NOC	25 Allowances	4	\$0.25
	Cross-State Air Pollution Rule NOx Ozone Season Group II	V2021-V2024	V2021-V2024	NZE, NZF, NZG, NZH	1 Allowance	4	\$5.00
	Cross-State Air Pollution Rule NOx Ozone Season Group III	V2021-V2024	V2021-V2024	OAE, OAF, AOG, OAH	1 Allowance	4	\$5.00
	Cross-State Air Pollution Rule TR SO2 Group I	V2019	V2019	S1C	25 Allowances	4	\$0.05
	Cross-State Air Pollution Rule TR SO2 Group II	V2019	V2019	S2C	25 Allowances	4	\$0.05
RGGI COATS	Regional Greenhouse Gas Initiative	V2017-V2030	V2017-V2030	RGA, RGB, RGC, RGD, RGE, RGF, RGG, RGH, RGI, RGJ, RGK, RGL, RGM, RGN	1,000 Allowances	10	\$0.05
LRT-CBTS	California Low Carbon Fuel Standard	N/A	N/A	RFC	100 Credits	10	\$0.25
CFP	Oregon Clean Fuels Future Program	N/A	N/A	OCA	100 Credits	10	\$0.25
WFRS-CBTS	Washington Clean Fuels Program	N/A		WFS	100 Credits	10	
EMTS	D3 Renewable Identification Numbers	V2021-V2025	V2021-V2025	RPC, RPD, RPE, RPF, RPG	10,000 RINs	5	\$0.05
	D4 Renewable Identification Numbers	V2021-V2025	V2021-V2025	RNC, RND, RNE, RNF, RNG	10,000 RINs	5	\$0.05
	D5 Renewable Identification Numbers	V2021-V2025	V2021-V2025	ROC, ROD, ROE, ROF, ROG	10,000 RINs	5	\$0.05
	D6 Renewable Identification Numbers	V2021-V2025	V2021-V2025	RMC, RMD, RME, RMF, RMG	10,000 RINs	5	\$0.05

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ERCOT	<b>Texas Compliance RECs Futures &amp; Options</b>	<b>V2021-V2030</b>	<b>V2021-V2030</b>	<b>TXE, TXF, TXG, TXH, TXI, TXJ, TXK, TXL, TXM, TXN</b>	<b>100 RECs</b>	<b>50</b>	<b>\$0.05</b>
	Texas Compliance RECs from CRS Eligible Listed Facilities - Vintage Specific Back Half	V2021-V2035	V2021-V2033	TBE, TBF, TBG, TBH, TBI, TBJ, TBK, TBL, TBM, TBN, TBO, TBP, TBQ, TBR, TBS	1,000 RECs	10	\$0.05
	Texas Compliance RECs from CRS Eligible Listed Facilities - Vintage Specific Front Half	V2021-V2035	V2021-V2033	TFE, TFF, TFG, TFH, TFI, TFJ, TFK, TFL, TFM, TFN, TFO, TFP, TFQ, TFR, TFS	1,000 RECs	10	\$0.05
	Texas Compliance Solar RECs From CRS Eligible Listed Facilities - Vintage Specific Back Half	V2021-V2035	V2021-V2030	TTB, TTC, TTD, TTE, TTF, TTG, TTH, TTI, TTJ, TTK, TTL, TTM TTN, TTO TTP	1,000 RECs & 1,000 CPs	5	\$0.05
	Texas Compliance Solar RECs From CRS Eligible Listed Facilities - Vintage Specific Front Half	V2021-V2035	V2021-V2030	TSB, TSC, TSD, TSE, TSF, TSG, TSH, TSI, TSJ, TSK, TSL, TSM, TSN, TSO, TSP	1,000 RECs & 1,000 CPs	5	\$0.05
M-RETS	M-RETS Compliance RECs from CRS Listed Wind Facilities – Vintage Specific Back Half	V2021-V2030		MXB, MXC, MXD, MXE, MXF, MXG, MXH, MXI, MXJ, MXK	1,000 RECs	5	
	M-RETS Compliance RECs from CRS Listed Wind Facilities – Vintage Specific Front Half	V2021-V2030		MWB, MWC, MWD, MWE, MWF, MWG, MWH, MWI, MWJ, MWK	1,000 RECs	5	
NAR	<b>NAR Registered RECs from CRS Listed Solar Energy Facilities Back Half</b>	<b>V2021-V2030</b>		<b>NUE, NUF, NUG, NUH, NUI, NUJ, NUK, NUL, NUM, NUN</b>	<b>1,000 RECs</b>	<b>5</b>	
	<b>NAR Registered RECs from CRS Listed Solar Energy Facilities Front Half</b>	<b>V2021-V2030</b>		<b>NVE, NVF, NVG, NVH, NVI, NVJ, NVK, NVL, NVM, NVN</b>	<b>1,000 RECs</b>	<b>5</b>	
	NAR Registered RECs from CRS Listed Wind Energy Facilities Back Half	V2021-V2030		NKE, NKF, NKG, NKH, NKI, NKJ, NKK, NKL, NKM, NKN	1,000 RECs	5	
	NAR Registered RECs from CRS Listed Wind Energy Facilities Front Half	V2021-V2030		NLE, NLF, NLG, NLH, NLI, NLJ, NLK, NLM, NLN	1,000 RECs	5	
NEPOOL GIS	Connecticut Class I RECs	V2022-V2035	V2022-V2030	RCF, RCG, RCH, RCI, RCJ, RCK, RCL, RCM, RCN, RCO, RCP, RCQ, RCR, RCS	100 RECs	50	\$0.25
	<b>Connecticut Class II RECs</b>	<b>V2022-V2026</b>		<b>RDF, RDG, RDH, RDI, RDJ</b>	<b>100 RECs</b>	<b>10</b>	
	<b>Connecticut Class III RECs</b>	<b>V2022-V2030</b>		<b>REF, REG, REH, REI, REJ, REK, REL, REM, REN</b>	<b>100 RECs</b>	<b>10</b>	
	Massachusetts Class I RECs	V2022-V2035	V2022-V2030	MAF, MAG, MAH, MAI, MAJ, MAK, MAL, MAM, MAN, MAO, MAP, MAQ, MAR, MAS	100 RECs	50	\$0.25
	<b>Massachusetts Class II RECs (Non-WTE)</b>	<b>V2022-V2030</b>		<b>MEF, MEG, MEH, MEI, MEJ, MEK, MEL, MEM, MEN</b>	<b>100 RECs</b>	<b>10</b>	
	<b>Massachusetts Class II WTE RECs</b>	<b>V2022-V2030</b>		<b>MGF, MGG, MGH, MGI, MGJ, MGK, MGL, MGM, MGN</b>	<b>100 RECs</b>	<b>10</b>	
	<b>Massachusetts Alternative Energy Certificates</b>	<b>V2022-V2030</b>		<b>MFF, MFG, MFH, MFI, MFJ, MFK, MFL, MFM, MFN</b>	<b>100 RECs</b>	<b>10</b>	
	<b>Massachusetts CES-E Certificates</b>	<b>V2022-V2030</b>		<b>MIF, MIG, MIH, MII, MIJ, MIK, MIL, MIM, MIN</b>	<b>100 CES-Es</b>	<b>10</b>	
Massachusetts Solar RECs	V2022-V2024	V2022-V2024	MSF, MSG, MSH	10 SRECs	10	\$5.00	

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

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NEPOOL GIS	Massachusetts Solar Carve Out II RECs	V2022-V2030	V2022-V2030	MCF, MCG, MCH, MCI, MCJ, MCK, MCL, MCM, MCN	10 SRECs	10	\$5.00
	<b>Maine Class I RECs</b>	<b>V2022-V2030</b>		<b>MNF, MNG, MNH, MNI, MNJ, MNK, MNL, MNM, MNN</b>	<b>100 RECs</b>	<b>10</b>	
	<b>Maine Class 1A RECs</b>	<b>V2022-V2030</b>		<b>MMF, MMG, MMH, MMI, MMJ, MMK, MML, MMM, MMN</b>	<b>100 RECs</b>	<b>10</b>	
	<b>Maine Class II RECs</b>	<b>V2022-V2030</b>		<b>MQF, MQG, MQH, MQI, MQJ, MQK, MQL, MQN</b>	<b>100 RECs</b>	<b>10</b>	
	NEPOOL Dual Qualified Class I RECs	V2022-V2035	V2022-V2030	NPF, NPG, NPH, NPI, NPJ, NPK, NPL, NPM, NPN, NPO, NPP, NPQ, NPR, NPS	100 RECs	50	\$0.25
	NEPOOL Quad Qualified Class I RECs	V2022-V2030		NQF, NQG, NQH, NQI, NQJ, NQL, NQM, NQN	100 RECs	50	
	<b>New Hampshire Class I RECs</b>	<b>V2022-V2025</b>		<b>NRF, NRG, NRH, NRI</b>	<b>100 RECs</b>	<b>10</b>	
	<b>New Hampshire Class III RECs</b>	<b>V2022-V2025</b>		<b>NTF, NTG, NTH, NTI</b>	<b>100 RECs</b>	<b>10</b>	
	<b>Rhode Island New RECs</b>	<b>V2022-V2025</b>		<b>RIF, RIG, RIH, RII</b>	<b>100 RECs</b>	<b>10</b>	
	NY-GATS	<b>New York Tier I RECs</b>	<b>V2022-V2030</b>		<b>NYC, NYD, NYE, NYF, NYG, NYH, NYI, NYJ, NYK</b>	<b>100 RECs</b>	<b>10</b>
RECS	<b>District of Columbia Tier I RECs</b>	<b>V2021-V2030</b>		<b>WDE, WDF, WDG, WDH, WDI, WDJ, WDK, WDL, WDM, WDN</b>	<b>100 RECs</b>	<b>10</b>	
	<b>District of Columbia Solar RECs</b>	<b>V2021-V2030</b>		<b>WRE, WRF, WRG, WRH, WRI, WRJ, WRK, WRL, WRM, WRN</b>	<b>10 SRECs</b>	<b>10</b>	
	<b>Ohio Non-Solar RECs</b>	<b>V2021-V2030</b>		<b>OHE, OHF, OHG, OHH, OHI, OHJ, OHK, OHL, OHM, OHN</b>	<b>100 RECs</b>	<b>10</b>	
	<b>Ohio Solar RECs</b>	<b>V2021-V2026</b>		<b>OSE, OSF, OSG, OSH, OSI, OSJ</b>	<b>10 SRECs</b>	<b>10</b>	
	Maryland Solar RECs	V2021-V2035	V2021-V2027	MRE, MRF, MRG, MRH, MRI, MRJ, MRK, MRL, MRM, MRN, MRO, MRP, MRQ, MRR, MRS	10 SRECs	10	\$0.25
	Maryland Tier I RECs Vintage Specific	V2021-V2035	V2021-V2030	MDE, MDF, MDG, MDH, MDI, MDJ, MDK, MDL, MDM, MDN, MDO, MDP, MDQ, MDR, MDS	100 RECs	50	\$0.25
	<b>Maryland Tier I RECs Bankable</b>	<b>V2021-V2025</b>	<b>V2021-V2025</b>	<b>MBE, MBF, MBG, MBH, MBI</b>	<b>100 RECs</b>	<b>50</b>	<b>\$0.25</b>
	<b>Maryland Tier II RECs</b>	<b>V2021-V2025</b>		<b>MHE, MHF, MHG, MHH, MHI</b>	<b>100 RECs</b>	<b>10</b>	
	New Jersey Class I RECs Vintage Specific	V2021-V2035	V2021-V2030	NJE, NJF, NJG, NJH, NJI, NJJ, NJK, NJL, NJM, NJN, NJO, NJP, NJQ, NJR, NJS	100 RECs	50	\$0.25
	<b>New Jersey Class I RECs Bankable</b>	<b>V2021-V2025</b>	<b>V2021-V2025</b>	<b>NBE, NBF, NBG, NBH, NBI</b>	<b>100 RECs</b>	<b>50</b>	<b>\$0.25</b>
	New Jersey Class II RECs	V2022-V2030	V2023-V2030	SGF, SGG, SGH, SGI, SGJ, SGK, SGL, SGM, SGN	100 RECs	10	
PJM GATS							

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RECS	PJM GATS	New Jersey Solar RECs	V2021-V2033	V2021-V2030	NSE, NSF, NSG, NSH, NSI, NSJ, NSK, NSL, NSM, NSN, NSO, NSP, NSQ	10 SRECs	10	\$1.00
		<b>New Jersey-Pennsylvania Dual Qualified Class II RECs</b>	<b>V2023-V2030</b>	<b>V2023-V2030</b>	<b>NEG, NEH, NEI, NEJ, NEK, NEL, NEM, NEN</b>	<b>100 RECs</b>	<b>10</b>	<b>\$0.05</b>
		Pennsylvania Alternative Energy Certificate Tier I Vintage Specific	V2021-V2035	V2021-V2030	PAE, PAF, PAG, PAH, PAI, PAJ, PAK, PAL, PAM, PAN, PAO, PAP, PAQ, PAR, PAS	100 AECs	50	\$0.25
		<b>Pennsylvania Alternative Energy Certificate Tier I Bankable</b>	<b>V2021-V2025</b>	<b>V2021-V2025</b>	<b>PBE, PBF, PBG, PBH, PBI</b>	<b>100 AECs</b>	<b>50</b>	<b>\$0.25</b>
		Pennsylvania Alternative Energy Certificate Tier II	V2021-V2030	V2021-V2030	PCE, PCF, PCG, PCH, PCI, PCJ, PCK, PCL, PCM, PCN	100 AECs	10	\$0.05
		Pennsylvania Solar Alternative Energy Certificates	V2021-V2035	V2021-V2030	PSE, PSF, PSG, PSH, PSI, PSJ, PSK, PSL, PSM, PSN, PSO, PSP, PSQ, PSR, PSS	10 SAECs	10	\$0.25
		PJM Tri-Qualified Class I RECs	V2021-V2035	V2021-V2035	PME, PMF, PMG, PMH, PMI, PMJ, PMK, PML, PMM, PMN, PMO, PMP, PMQ, PMR, PMS	100 RECs	50	\$0.05
		<b>PJM Quad-Qualified Class I RECs</b>	<b>V2023-V2035</b>		<b>PJG, PJH, PJI, PJJ, PJK, PJI, PJL, PJM, PJN, PJO, PJP, PJQ, PJR, PJS</b>	<b>100 RECs</b>	<b>20</b>	
		<b>Virginia RECs</b>	<b>V2023-V2035</b>		<b>VIG, VIH, VII, VIJ, VIK, VIL, VIM, VIN, VIO, VIP, VIQ, VIR, VIS</b>	<b>100 RECs</b>	<b>20</b>	
	WREGIS	<b>WREGIS Registered RECs From CRS Wind Energy Facilities Back Half</b>	<b>V2021-V2030</b>		<b>WNE, WNF, WNG, WNH, WNI, WNK, WNL, WNM, WNN,</b>	<b>1,000 RECs</b>	<b>5</b>	
		<b>WREGIS Registered RECs From CRS Wind Energy Facilities Front Half</b>	<b>V2021-V2030</b>		<b>WME, WMF, WMG, WMH, WMI, WMJ, WMK, WML, WMM, WMN</b>	<b>1,000 RECs</b>	<b>5</b>	
		<b>California PCC 3 RECs</b>	<b>V2021-V2030</b>		<b>WAE, WAF, WAG, WAH, WAI, WAJ, WAK, WAL, WAM, WAN</b>	<b>100 RECs</b>	<b>10</b>	
	NAR, ERCOT, M-RETS, WREGIS	<b>National RECs from CRS Listed Wind Energy Facilities Back Half</b>	<b>V2022-V2035</b>		<b>NDF, NDG, NDH, NDI, NDJ, NDK, NDH, NDM, NDN, NDO, NDP, NDQ, NDR, NDS</b>	<b>1,000 RECs</b>	<b>5</b>	
		<b>National RECs from CRS Listed Wind Energy Facilities Front Half</b>	<b>V2022-V2035</b>		<b>NCF, NCG, NCH, NCI, NCJ, NCK, NCL, NCM, CN, NCI, NCO, NCP, NCQ, NCR, NCS</b>	<b>1,000 RECs</b>	<b>5</b>	
Offsets	Verra, Gold Standard, American Carbon	<b>Carbon Removal Future</b>	N/A		RMV	1,000 Offsets	10	
	CDM*	<b>CER 2013+ Future</b>	N/A		CE3	1,000 Offsets	10	
		<b>CER 2016+ Future</b>	N/A		CE6	1,000 Offsets	10	
		<b>CER Commitment Period 2 Future</b>	N/A		CER	1,000 Offsets	10	
	Verra, Gold Standard, EU ETS	<b>Global Emission Reduction (GER) Future</b>	N/A		GERE	1,000 Offsets	10	
	Verra	VER Nature Based Offset	V2017-V2025	V2017-V2025	NAA, NAB, NAC, NAD, NAE, NAF, NAG, NAH, NAI, NAT	1,000 Offsets	10	\$0.05
	Verra Gold Standard, Climate Action Reserve, American Carbon	VER CORSIA-Eligible Futures & Options	N/A	N/A	VER	1,000 Offsets	10	\$0.05
RTCs	M-RETS	<b>Renewable Natural Gas Certificate Future</b>	N/A		RTC	1,000 RTCs	10	

\* Transfer of eligible CERs is made from account(s) in a national or Clean Development Mechanism (CDM) registry account to national registry account(s).

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