

DOCKETED

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2022 POWER SOURCE DISCLOSURE ANNUAL REPORT For the Year Ending December 31, 2022

Retail suppliers are required to use the posted template and are not allowed to make edits to this format. Please complete all requested information.

GENERAL INSTRUCTIONS

RETAIL SUPPLIER NAME	
Constellation NewEnergy, Inc.	
ELECTRICITY PORTFOLIO NAME	
CONTACT INFORMATION	
NAME	Stephen Byers
TITLE	Analyst, Wholesale Operations
MAILING ADDRESS	1310 Point Street, 11th Floor
CITY, STATE, ZIP	Baltimore, MD 21231
PHONE	667-313-6264
EMAIL	Stephen.Byers@constellation.com
WEBSITE URL FOR PCL POSTING	https://www.constellation.com/solutions/for-your-commercial-business/StateDisclosures.html

Submit the Annual Report and signed Attestation in PDF format with the Excel version of the Annual Report to PSDprogram@energy.ca.gov. Remember to complete the Retail Supplier Name, Electricity Portfolio Name, and contact information above, and submit separate reports and attestations for each additional portfolio if multiple were offered in the previous year.

NOTE: Information submitted in this report is not automatically held confidential. If your company wishes the information submitted to be considered confidential an authorized representative must submit an application for confidential designation (CEC-13), which can be found on the California Energy Commissions's website at <https://www.energy.ca.gov/about/divisions-and-offices/chief-counsels-office>.

If you have questions, contact Power Source Disclosure (PSD) staff at PSDprogram@energy.ca.gov or (916) 639-0573.

INTRODUCTION

Retail suppliers are required to submit separate Annual Reports for each electricity portfolio offered to California retail consumers in the previous calendar year. Enter the Retail Supplier Name and Electricity Portfolio Name at the top of Schedule 1, Schedule 2, Schedule 3, and the Attestation.

A complete Annual Report includes the following tabs:

PSD Intro
Instructions
Schedule 1 - Procurements and Retail Sales
Schedule 2 - Retired Unbundled Renewable Energy Credits (RECs)
Schedule 3 - Annual Power Content Label Data
GHG Emissions Factors
Asset-Controlling Supplier (ACS) Procurement Calculator
PSD Attestation

INSTRUCTIONS

Schedule 1: Procurements and Retail Sales

Retail suppliers of electricity must complete this schedule by entering information about all power procurements and generation that served the identified electricity portfolio covered in this filing in the prior year. The schedule is divided into sections: directly delivered renewables, firm-and-shaped imports, specified non-renewables, and procurements from ACSs. Insert additional rows as needed to report all procurements or generation serving the subject product.

Provide the annual retail sales for the subject product in the appropriate space. At the bottom of Schedule 1, provide the retail suppliers' other electricity end-uses that are not retail sales, such as transmission and distribution losses.

Retail suppliers shall submit a purchase agreement or ownership arrangement documentation substantiating that any eligible firm-and-shaped product for which it is claiming an exclusion was executed prior to January 1, 2019. **Any retail supplier that offered multiple electricity portfolios in the prior year must submit separate Annual Reports for each portfolio offered.**

Specified Purchases: A Specified Purchase refers to a transaction in which electricity is traceable to specific generating facilities by any auditable contract trail or equivalent, such as a tradable commodity system, that provides commercial verification that the electricity claimed has been sold once and only once to retail consumers. Do not enter data in the grey fields. For specified purchases, include enter following information for each line item:

Facility Name - Provide the name used to identify the facility.

Fuel Type - Provide the resource type (solar, natural gas, etc.) that this facility uses to generate electricity.

Location - Provide the state or province in which the facility is located.

Identification Numbers - Provide all applicable identification numbers from the Western Renewable Energy Generation Information System (WREGIS), the Energy Information Agency (EIA), and the California Renewables Portfolio Standard (RPS).

Gross Megawatt Hours Procured - Provide the quantity of electricity procured in MWh from the generating facility.

Megawatt Hours Resold - Provide the quantity of electricity resold at wholesale.

Unspecified Power: Unspecified Power refers to electricity that is not traceable to specific generation sources by any auditable contract trail or equivalent, or to power purchases from a transaction that expressly transferred energy only and not the RECs associated from a facility. **Do not enter procurements of unspecified power.** The schedule will calculate unspecified power procurements automatically.

Schedule 2: Retired Unbundled RECs

Complete this schedule by entering information about unbundled REC retirements in the previous calendar year.

Schedule 3: Annual Power Content Label Data

This schedule is provided as an automated worksheet that uses the information from Schedule 1 to calculate the power content and GHG emissions intensity for each electricity portfolio. The percentages calculated on this worksheet should be used for your Power Content Label.

ACS Resource Mix Calculator

Retail suppliers may report specified purchases from ACS system power if the ACS provided its fuel mix of its specified system mix to the Energy Commission. Use the calculator to determine the resource-specific procurement quantities, and transfer them to Schedule 1.

GHG Emissions Factors

This tab will be displayed for informational purposes only; it will not be used by reporting entities, since the emissions factors below auto-populate in the relevant fields on Schedules 1 & 3.

Attestation

This template provides the attestation that must be submitted with the Annual Report to the Energy Commission, stating that the information contained in the applicable schedules is correct and that the power has been sold once and only once to retail consumers. This attestation must be included in the package that is transmitted to the Energy Commission. Please provide the complete Annual Report in Excel format and the complete Annual Report with signed attestation in PDF format as well.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	2022 POWER SOURCE DISCLOSURE ANNUAL REPORT													
2	SCHEDULE 1: PROCUREMENTS AND RETAIL SALES													
3	For the Year Ending December 31, 2022													
4	Constellation NewEnergy, Inc.													
5	(ELECTRICITY PORTFOLIO NAME)													

Instructions: Enter information about power procurements underlying this electricity portfolio for which your company is filing the Annual Report. Insert additional rows as needed. All fields in white should be filled out. **Fields in grey auto-populate as needed and should not be filled out.** For EIA IDs for unspecified power or specified system mixes from asset-controlling suppliers, enter "Unspecified Power", "BPA", or "Tacoma Power" as applicable. For specified procurements of ACS power, use the ACS Procurement Calculator to calculate the resource breakdown comprising the ACS system mix. **Procurements of unspecified power must not be entered as line items below; unspecified power will be calculated automatically in cell N9.** Unbundled RECs must not be entered on Schedule 1; these products must be entered on Schedule 2. At the bottom portion of the schedule, provide the other electricity end-uses that are not retail sales including, but not limited to transmission and distribution losses or municipal street lighting. Amounts should be in megawatt-hours.

Retail Sales (MWh)		
Net Specified Procurement (MWh)		
Unspecified Power (MWh)		
Procurement to be adjusted		-
Net Specified Natural Gas		-
Net Specified Coal & Other Fossil Fuels		-
Net Specified Nuclear, Large Hydro, Renewables, and ACS Power		
GHG Emissions (excludes grandfathered emissions)		2,507,389
GHG Emissions Intensity (in MT CO _{2e} /MWh)		0.3180

DIRECTLY DELIVERED RENEWABLES														
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17	Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	N/A	EIA ID	Gross MWh Procured	MWh Resold	Net MWh Procured	Adjusted Net MWh Procured	GHG Emissions Factor (in MT CO _{2e} /MWh)	GHG Emissions (in MT CO _{2e})	N/A
18	Agua Caliente Solar - Block 1	Solar	AZ	W2427	60894A		57373		-			-	-	
19	Agua Caliente Solar - Block 10	Solar	AZ	W3621	60894A		57373		-			-	-	
20	Agua Caliente Solar - Block 11	Solar	AZ	W3829	60894A		57373		-			-	-	
21	Agua Caliente Solar - Block 12	Solar	AZ	W3953	60894A		57373		-			-	-	
22	Agua Caliente Solar - Block 2	Solar	AZ	W2576	60894A		57373		-			-	-	
23	Agua Caliente Solar - Block 3	Solar	AZ	W2668	60894A		57373		-			-	-	
24	Agua Caliente Solar - Block 4	Solar	AZ	W2782	60894A		57373		-			-	-	
25	Agua Caliente Solar - Block 5	Solar	AZ	W2838	60894A		57373		-			-	-	
26	Agua Caliente Solar - Block 6	Solar	AZ	W2844	60894A		57373		-			-	-	
27	Agua Caliente Solar - Block 7	Solar	AZ	W2925	60894A		57373		-			-	-	
28	Agua Caliente Solar - Block 8	Solar	AZ	W3240	60894A		57373		-			-	-	
29	Agua Caliente Solar - Block 9	Solar	AZ	W2812	60894A		57373		-			-	-	
30	Altwind 1 - Altwind 1	Wind	CA	W516	60403A				-			-	-	
31	Altwind 2 - Altwind 2	Wind	CA	W514	60402A				-			-	-	
32	Altwind 3 - Altwind 3	Wind	CA	W749	60402A				-			-	-	
33	AV Solar Ranch 1, LLC - Antelope Solar Ranch - Block 7	Solar	CA	W3474	60790A		57378		-			-	-	
34	AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 1 & 2	Solar	CA	W4141	60790A		57378		-			-	-	
35	AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 3	Solar	CA	W2803	60790A		57378		-			-	-	
36	AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 4	Solar	CA	W3274	60790A		57378		-			-	-	
37	AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 5	Solar	CA	W3275	60790A		57378		-			-	-	
38	AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 6	Solar	CA	W3280	60790A		57378		-			-	-	
39	AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 8 & 9	Solar	CA	W3849	60790A		57378		-			-	-	
40	Blythe Mesa Solar II - Blythe Mesa Solar II, LLC	Solar	CA	W13890	62892A		65053		-			-	-	
41	Cabazon Wind Partners - Cabazon Wind Partners	Wind	CA	W834	60736A		56011		-			-	-	
42	Cameron Ridge, LLC (III) - Cameron Ridge LLC (III)	Wind	CA	W407	60392A				-			-	-	
43	CM10 - CM10	Solar	NV	W883	60713A		56944		-			-	-	
44	CM48 - CM48	Solar	NV	W1460	60786A		57205		-			-	-	
45	DESERT SUNLIGHT 300, LLC - DSL-BLK01 - 04	Solar	CA	W3793	61068A		57993		-			-	-	
46	DESERT SUNLIGHT 300, LLC - DSL-BLK05 & 06	Solar	CA	W3798	61068A		57993		-			-	-	
47	DESERT SUNLIGHT 300, LLC - DSL-BLK07 & 08	Solar	CA	W3800	61068A		57993		-			-	-	
48	DESERT SUNLIGHT 300, LLC - DSL-BLK09	Solar	CA	W3801	61068A		57993		-			-	-	
49	DESERT SUNLIGHT 300, LLC - DSL-BLK10 & 11	Solar	CA	W3783	61068A		57993		-			-	-	
50	Desert Winds I - Desert Winds I	Wind	CA	W521	60397A				-			-	-	
51	Desert Winds II Pwr Purch Trst - Desert Winds II Pwr Purch Trst	Wind	CA	W522	60422A				-			-	-	
52	Desert Winds III - Desert Winds III	Wind	CA	W523	60423A				-			-	-	
53	Edwards Solar 1A - Sub Project E1A - Edwards Sanborn E1A	Solar	CA	W12676	64730A		64878		-			-	-	
54	Edwards Solar 1B - Sub Project E1B - Edwards Sanborn E1B	Solar	CA	W13638	65033A		65674		-			-	-	
55	FPL Energy Montezuma Wind - FPL Energy Montezuma Wind	Wind	CA	W1745	60543A		57201		-			-	-	
56	Oak Creek Wind Power, LLC - Oak Creek Wind Power, LLC	Wind	CA	W509	60429A		50754		-			-	-	
57	Ridgetop Energy, LLC - Ridgetop Energy, LLC (I)	Wind	CA	W406	60375A		10597		-			-	-	
58	Ridgetop Energy, LLC (II) - Ridgetop Energy, LLC (II)	Wind	CA	W408	60407A		10597		-			-	-	
59	San Geronio Altwind - San Geronio Altwind	Wind	CA	W4960	60402A				-			-	-	
60	San Geronio East - San Geronio East	Wind	CA	W4764	63228A				-			-	-	
61	San Geronio Windplant WPP1993 - Aldrich	Wind	CA	W2647	60377A		54454		20,948			-	-	
62	San Geronio Windplant WPP1993 - Buckwind	Wind	CA	W2646	60379A		54454		-			-	-	

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63	San Geronio Windplant WPP1993 - Carter	Wind	CA	W2649	60412A		54454		-			-	-	
64	San Geronio Windplant WPP1993 - Renwind	Wind	CA	W2635	60424A		54454		-			-	-	
65	San Geronio Windplant WPP1993 - Triad	Wind	CA	W2648	60428A		54454		-			-	-	
66	SE Athos II - SE Athos II, LLC	Solar	CA	W12609	64158A		64290		-			-	-	
67	SEGS IX - Luz Solar Partners Ltd. IX	Solar	CA	W483	60366A		10446		-			0.0029	2	
68	Solar Alpine LLC - Solar Alpine LLC	Solar	CA	W2872	60755A		57295		-			-	-	
69	Terra-Gen Mojave Wind Farms, LLC - Morwind - Terra-Gen Mojave Wind Farms, LLC - Morwind	Wind	CA	W498	60380A		P161		-			-	-	
70	Titan Solar 1 - Titan Solar 1	Solar	CA	W10955	64102A		61811		-			-	-	
71	Topaz Solar Farms LLC - Topaz 1-9	Solar	CA	W3193	61698A		57695		-			-	-	
72	Whitewater Hill Wind Partners - Whitewater Hill Wind Partners	Wind	CA	W835	60737A		56012		-			-	-	
73	FIRMED-AND-SHAPED IMPORTS													
74	Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	EIA ID of REC Source	EIA ID of Substitute Power	Gross MWh Procured	MWh Resold	Net MWh Procured	Adjusted Net MWh Procured	GHG Emissions Factor (in MT CO₂e/MWh)	GHG Emissions (in MT CO₂e)	Eligible for Grandfathered Emissions?
75	Leaning Juniper I - Leaning Juniper I	Wind	OR	W200	60562A	56360	Unspecified Power		-			0.4280	6,638	No
76	Longview Pulp Mill - Seven Turbine	Biomass & biowaste	WA	W1788	61147A	54562	Unspecified Power		-			0.4280	13,519	Yes
77	Longview Pulp Mill - Six Turbine	Biomass & biowaste	WA	W1787	61147A	54562	Unspecified Power		-			0.4280	11,838	Yes
78	Marengo - Marengo	Wind	WA	W185	60729A	56466	Unspecified Power		-			0.4280	2,330	No
79	Marengo II - Marengo II	Wind	WA	W772	60730A	56466	Unspecified Power		-			0.4280	2,910	No
80	Rockland Wind Farm - Rockland Wind Farm	Wind	ID	W2445	61107A	57766	Unspecified Power		-			0.4280	18,670	No
81	Seven Mile Hill I - Seven Mile Hill I	Wind	WY	W975	60807A	56843	Unspecified Power		-			0.4280	7,918	No
82	Wolverine Creek - Wolverine Creek	Wind	ID	W188	60564A	56301	Unspecified Power		-			0.4280	4,194	No
83	SPECIFIED NON-RENEWABLE PROCUREMENTS													
84	Facility Name	Fuel Type	State or Province	N/A	N/A	N/A	EIA ID	Gross MWh Procured	MWh Resold	Net MWh Procured	Adjusted Net MWh Procured	GHG Emissions Factor (in MT CO₂e/MWh)	GHG Emissions (in MT CO₂e)	N/A
85	Palo Verde Nuclear Generating Station	Nuclear	AZ				6008		-			-	-	
86	Mammoth Pool	Large hydro	CA				344		-			-	-	
87	PROCUREMENTS FROM ASSET-CONTROLLING SUPPLIERS													
88	Facility Name	Fuel Type	N/A	N/A	N/A	N/A	EIA ID	Gross MWh Procured	MWh Resold	Net MWh Procured	Adjusted Net MWh Procured	GHG Emissions Factor (in MT CO₂e/MWh)	GHG Emissions (in MT CO₂e)	N/A
89												-	#N/A	
90												-	#N/A	
91												-	#N/A	
92												-	#N/A	
93	END USES OTHER THAN RETAIL SALES		MWh											
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1	2022 POWER SOURCE DISCLOSURE ANNUAL REPORT									
2	SCHEDULE 2: RETIRED UNBUNDLED RECS									
3	For the Year Ending December 31, 2022									
4	Constellation NewEnergy, Inc.									
5	(ELECTRICITY PORTFOLIO NAME)									
6	INSTRUCTIONS: Enter information about retired unbundled RECs associated with this electricity portfolio. Insert additional rows as needed. All fields in white should be filled out. Fields in grey auto-populate as needed and should not be filled out.									
7										
8										
9					Total Retired Unbundled RECs					
10	RETIRED UNBUNDLED RECS									
11	Facility Name	Fuel Type	State or Province	RPS ID	Total Retired (in MWh)					
12	Bennett Creek Windfarm - Bennett Creek Windfarm	Wind	ID	61088A						
13	High Mesa - High Mesa	Wind	ID	62361A						
14	Hot Springs Windfarm - Hot Springs Windfarm	Wind	ID	61089A						
15	Oregon Trail Windfarm LLC - Oregon Trail Windfarm LLC	Wind	CA	60984A						
16	Oregon Trail Windfarm LLC - Oregon Trail Windfarm LLC	Wind	OR	60984A						
17	Pacific Canyon Windfarm LLC - Pacific Canyon Windfarm LLC	Wind	CA	60983A						
18	Pacific Canyon Windfarm LLC - Pacific Canyon Windfarm LLC	Wind	OR	60983A						
19	Power County Wind Park North - Power County Wind Park North	Wind	ID	61613A						
20	Power County Wind Park South - Power County Wind Park South	Wind	ID	61614A						
21	Sand Ranch Windfarm LLC - Sand Ranch Windfarm LLC	Wind	CA	60982A						
22	Sand Ranch Windfarm LLC - Sand Ranch Windfarm LLC	Wind	OR	60982A						
23	Ward Butte Windfarm LLC - Ward Butte Windfarm LLC	Wind	OR	60978A						
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	A	B	C
1	2022 POWER SOURCE DISCLOSURE ANNUAL REPORT		
2	SCHEDULE 3: POWER CONTENT LABEL DATA		
3	For the Year Ending December 31, 2022		
4	Constellation NewEnergy, Inc.		
5	(ELECTRICITY PORTFOLIO NAME)		
6			
7	Instructions: No data input is needed on this schedule. Retail suppliers should use		
8	these auto-populated calculations to fill out their Power Content Labels.		
9			
10			
11			
12		Adjusted Net Procured (MWh)	Percent of Total Retail Sales
13	Renewable Procurements		23.8%
14	Biomass & Biowaste		0.8%
15	Geothermal	-	0.0%
16	Eligible Hydroelectric	-	0.0%
17	Solar		16.7%
18	Wind		6.4%
19	Coal	-	0.0%
20	Large Hydroelectric		1.0%
21	Natural gas	-	0.0%
22	Nuclear		2.2%
23	Other	-	0.0%
24	Unspecified Power		73.0%
25	Total		100.0%
26			
27	Total Retail Sales (MWh)		
28			
29	GHG Emissions Intensity (converted to lbs CO₂e/MWh)		701
30			
31	Percentage of Retail Sales Covered by Retired Unbundled RECs		4.2%

**2022 POWER SOURCE DISCLOSURE ANNUAL REPORT
ATTESTATION FORM
For the Year Ending December 31, 2022
Constellation NewEnergy, Inc.
(ELECTRICITY PORTFOLIO NAME)**

I, Brian Buck, Assistant Secretary, **declare under penalty of perjury, that the information provided in this report is true and correct and that I, as an authorized agent of Constellation NewEnergy, Inc., have authority to submit this report on the retail supplier's behalf. I further declare that all of the electricity claimed as specified purchases as shown in this report was sold once and only once to retail customers.**

Name: Brian Buck

Representing (Retail Supplier): Constellation NewEnergy, Inc.

Signature:  _____

Dated: July 10, 2023

Executed at: Washington, DC