

DOCKETED

Docket Number:	21-PSDP-01
Project Title:	Power Source Disclosure Program - 2020
TN #:	238067
Document Title:	Constellation NewEnergy, Inc's 2020 PSD Annual Report - PUBLIC VERSION
Description:	N/A
Filer:	Eric Janssen
Organization:	Ellison Schneider Harris & Donlan LLP
Submitter Role:	Applicant Representative
Submission Date:	6/1/2021 3:12:04 PM
Docketed Date:	6/1/2021

2020 POWER SOURCE DISCLOSURE ANNUAL REPORT For the Year Ending December 31, 2020

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	Zach Martin
TITLE	Senior Analyst
MAILING ADDRESS	1310 Point Street, 11th Floor
CITY, STATE, ZIP	Baltimore, MD 21231
PHONE	667-313-1684
EMAIL	Zachary.Martin@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	O	P	Q
1	2020 POWER SOURCE DISCLOSURE ANNUAL REPORT																
2	SCHEDULE 1: PROCUREMENTS AND RETAIL SALES																
3	For the Year Ending December 31, 2020																
4	Constellation NewEnergy, Inc.																
5	(ELECTRICITY PORTFOLIO NAME)																
6																	
7	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", "BPA," "Powerex,," or "Tacoma" 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)				
8													Net Specified Procurement (MWh)				
9													Unspecified Power (MWh)				
10													Procurement to be adjusted				
11													Net Specified Natural Gas				
12													Net Specified Coal & Other Fossil Fuels				
13													Net Specified Nuclear, Large Hydro, Renewables, and ACS Power				
14													GHG Emissions (excludes grandfathered emissions)		2,033,120		
15													GHG Emissions Intensity (in MT CO ₂ e/MWh)		0.3249		
16	DIRECTLY DELIVERED RENEWABLES																
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 ₂ e/MWh)	GHG Emissions (in MT CO ₂ e)	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	Alta Powerhouse - Alta Powerhouse	Eligible hydro	CA	W335	60033A		214					-	-				
31	Alta Wind IV - Alta Wind IV	Wind	CA	W2013	61093A		57293					-	-				
32	Alta Wind V - Alta Wind V	Wind	CA	W2068	61094A		57294					-	-				
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	CalRENEW-1 - CalRENEW-1	Solar	CA	W1519	60475A		56768					-	-				
41	Cape Scott Wind - Cape Scott Wind	Wind	BC	W3959	60600A							-	-				
42	CED Corcoran - CED Corcoran	Solar	CA	W3408	60948A							#N/A	-	matching EIA facility ID name not found			
43	Chili Bar Powerhouse - Chili Bar Powerhouse	Eligible hydro	CA	W337	60035A		225					-	-				
44	CM10 - CM10	Solar	NV	W883	60713A		56944					-	-				
45	Coleman Powerhouse - Coleman Powerhouse	Eligible hydro	CA	W347	60037A		227					-	-				
46	Cow Creek Powerhouse - Cow Creek Powerhouse	Eligible hydro	CA	W348	60038A		229					-	-				
47	De Sabla Powerhouse - De Sabla Powerhouse	Eligible hydro	CA	W351	60041A		232					-	-				
48	Deer Creek Powerhouse - Deer Creek Powerhouse	Eligible hydro	CA	W350	60040A		233					-	-				
49	DESERT SUNLIGHT 300, LLC - DSL-BLK01 - 04	Solar	CA	W3793	61068A		57993					-	-				
50	DESERT SUNLIGHT 300, LLC - DSL-BLK05 & 06	Solar	CA	W3798	61068A		57993					-	-				
51	DESERT SUNLIGHT 300, LLC - DSL-BLK07 & 08	Solar	CA	W3800	61068A		57993					-	-				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
52	DESERT SUNLIGHT 300, LLC - DSL-BLK09	Solar	CA	W3801	61068A		57993					-	-				
53	DESERT SUNLIGHT 300, LLC - DSL-BLK10 & 11	Solar	CA	W3783	61068A		57993					-	-				
54	Dokie Wind - Dokie Wind	Wind	BC	W1992	61360A		P150					-	-				
55	Dutch Flat No. 1 Powerhouse - Dutch Flat No. 1 Powerhouse	Eligible hydro	CA	W352	60042A		237					-	-				
56	El Dorado Powerhouse - EIDorado_7_unit2	Eligible hydro	CA	W906	60601A		238					-	-				
57	FPL Energy Montezuma Wind - FPL Energy Montezuma Wind	Wind	CA	W1745	60543A		57201					-	-				
58	Geysers Power Plant - Calistoga Power Plant	Geothermal	CA	W486	60117A		50066					0.0363					
59	Geysers Power Plant - Calpine Geothermal Unit 11	Geothermal	CA	W119	60025A		286					0.0363					
60	Geysers Power Plant - Calpine Geothermal Unit 12	Geothermal	CA	W120	60004A		286					0.0363					
61	Geysers Power Plant - Calpine Geothermal Unit 13	Geothermal	CA	W121	60005A		286					0.0363					
62	Geysers Power Plant - Calpine Geothermal Unit 14	Geothermal	CA	W122	60026A		286					0.0363					
63	Geysers Power Plant - Calpine Geothermal Unit 16	Geothermal	CA	W123	60006A		286					0.0363					
64	Geysers Power Plant - Calpine Geothermal Unit 17	Geothermal	CA	W124	60007A		286					0.0363					
65	Geysers Power Plant - Calpine Geothermal Unit 18	Geothermal	CA	W125	60008A		286					0.0363					
66	Geysers Power Plant - Calpine Geothermal Unit 20	Geothermal	CA	W126	60009A		286					0.0363					
67	Geysers Power Plant - Sonoma/Calpine Geyser	Geothermal	CA	W127	60010A		510					0.0363					
68	Halsey Powerhouse - Halsey Powerhouse	Eligible hydro	CA	W353	60043A		241					-	-				
69	Hat Creek No. 1 Powerhouse - Hat Creek No. 1 Powerhouse	Eligible hydro	CA	W355	60045A		243					-	-				
70	Hat Creek No. 2 Powerhouse - Hat Creek No. 2 Powerhouse	Eligible hydro	CA	W356	60046A		244					-	-				
71	Hatchet Ridge - Hatchet Ridge	Wind	CA	W1600	60741A		56654					-	-				
72	Meikle Wind - Meikle Wind	Wind	BC	W5189	63268A		P151					-	-				
73	Mesa Wind Power Corporation - Mesa Wind Power Corporation	Wind	CA	W507	60370A		50535					-	-				
74	Midway Solar Farm 1 - Midway Solar Farm I	Solar	CA	W5367	61295A		60336					-	-				
75	Mt. Poso Cogeneration Facility - MTNPOS_1_UNIT	Biomass & biowaste	CA	W1091	60695A		54626					0.0326					
76	Newcastle Powerhouse - Newcastle Powerhouse	Eligible hydro	CA	W364	60053A		632					-	-				
77	Northwind - Wind Stream Operations, LLC - Northwind - Wind Stream Operations, LLC	Wind	CA	W505	60420A							#N/A					matching EIA facility ID name not found
78	Oak Flat Powerhouse - Oak Flat Powerhouse	Eligible hydro	CA	W365	60276A		626					-	-				
79	Phoenix Powerhouse - Phoenix Powerhouse	Eligible hydro	CA	W366	60054A		264					-	-				
80	Potter Valley Powerhouse - Potter Valley Powerhouse	Eligible hydro	CA	W367	60055A		274					-	-				
81	Quality Wind - Quality Wind	Wind	BC	W3160	62247A		P154					-	-				
82	San Geronio Windplant WPP1993 - Aldrich	Wind	CA	W2647	60377A		54454					-	-				
83	San Geronio Windplant WPP1993 - Buckwind	Wind	CA	W2646	60379A		54454					-	-				
84	San Geronio Windplant WPP1993 - Carter	Wind	CA	W2649	60412A		54454					-	-				
85	San Geronio Windplant WPP1993 - Renwind	Wind	CA	W2635	60424A		54454					-	-				
86	San Geronio Windplant WPP1993 - Triad	Wind	CA	W2648	60428A		54454					-	-				
87	Seneca Sustainable Energy - Seneca Sustainable Energy	Biomass & biowaste	OR	W2045	61090A		57457					0.0203					
88	Shiloh Wind Project 2, LLC - Shiloh Wind Project 2, LLC	Wind	CA	W811	60639A		56874					-	-				
89	Sierra Pacific Burney Facility - Sierra Pacific Industry (Burney)	Biomass & biowaste	CA	W667	60087A		50110					0.0088					
90	Sierra Pacific Ind. (Lincoln) - Sierra Pacific Industry (Lincoln)	Biomass & biowaste	CA	W668	60088A		10144					0.0112					
91	Sierra Pacific Ind. (Quincy) - Sierra Pacific Industry (Quincy)	Biomass & biowaste	CA	W669	60089A		50112					0.0557					
92	Sierra Pacific Sonora - Sierra Pacific Sonora	Biomass & biowaste	CA	W852	60576A		54517					0.0768					
93	Solar Alpine LLC - Solar Alpine LLC	Solar	CA	W2872	60755A		57295					-	-				
94	Spaulding No. 1 Powerhouse - Spaulding No. 1 Powerhouse	Eligible hydro	CA	W371	60060A		281					-	-				
95	Spaulding No. 2 Powerhouse - Spaulding No. 2 Powerhouse	Eligible hydro	CA	W372	60061A		282					-	-				
96	Spaulding No. 3 Powerhouse - Spaulding No. 3 Powerhouse	Eligible hydro	CA	W373	60062A		283					-	-				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
97	SPI Anderson 2 - SPI Anderson 2	Biomass & biowaste	CA	W4674	61146A		59658					0.0101					
98	Stockton Biomass - Stockton Biomass	Biomass & biowaste	CA	W3540	60964A		54238					0.0230					
99	Three Forks Water Power Project - Three Forks Water Power Project	Eligible hydro	CA	W758	60502A		54308					-	-				
100	Toadown Powerhouse - Toadown Powerhouse	Eligible hydro	CA	W375	60064A		714					-	-				
101	Topaz Solar Farms LLC - Topaz 10-16	Solar	CA	W3226	61698A		57695					-	-				
102	Topaz Solar Farms LLC - Topaz 17 - 20	Solar	CA	W3227	61698A		57695					-	-				
103	Topaz Solar Farms LLC - Topaz 21 - 22	Solar	CA	W3229	61698A		57695					-	-				
104	Vaca Dixon Solar Station - Vaca Dixon Solar Station	Solar	CA	W1455	60966A		57041					-	-				
105	Victory Garden# 4 (Tehachapi) - Wind Stream Operations, LLC (VG# 4)	Wind	CA	W502	60384A		50532					-	-				
106	West Point Powerhouse - West Point Powerhouse	Eligible hydro	CA	W379	60068A		291					-	-				
107	Wise No. 1 Powerhouse - Wise No. 1 Powerhouse	Eligible hydro	CA	W390	60069A		292					-	-				
108	Longview Washington Pulp & Paper Mill	Biomass & biowaste	WA	W1787 / W1788	61147A		54562					0.0347					
109	FIRMED-AND-SHAPED IMPORTS																
110	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?			
111	Glenrock III	Wind	WY	W965	60804A	56841	Unspecified Power					0.4280		No			
112	Longview Washington Pulp & Paper Mill	Biomass & biowaste	WA	W1787 / W1788	61147A	54562	Unspecified Power					0.4280		Yes			
113	Limon Wind II - Limon Wind II, LLC	Wind	CO	W3158	62246A	58127	Unspecified Power					0.4280		No			
114	Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	Unspecified Power					0.42800		No			
115	SPECIFIED NON-RENEWABLE PROCUREMENTS																
116	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			
117	Palo Verde Nuclear Generating Station	Nuclear	AZ				6008					-	-				
118	Kern River 3	Large hydro	CA				339					-	-				
119	PROCUREMENTS FROM ASSET-CONTROLLING SUPPLIERS																
120	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			
121												-	-				
122												-	-				
123												-	-				
124												-	-				
125	END USES OTHER THAN RETAIL SALES	MWh										-	-				
126												-	-				
127												-	-				
128												-	-				
129												-	-				
130												-	-				
131												-	-				

	A	B	C
1	2020 POWER SOURCE DISCLOSURE ANNUAL REPORT		
2	SCHEDULE 3: POWER CONTENT LABEL DATA		
3	For the Year Ending December 31, 2020		
4	Constellation NewEnergy, Inc.		
5	(ELECTRIC SERVICE PRODUCT 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		25.9%
14	Biomass & Biowaste		4.8%
15	Geothermal		11.4%
16	Eligible Hydroelectric		0.6%
17	Solar		3.4%
18	Wind		5.6%
19	Coal	-	0.0%
20	Large Hydroelectric		0.0%
21	Natural gas	-	0.0%
22	Nuclear		0.4%
23	Other	-	0.0%
24	Unspecified Power		73.7%
25	Total		100.0%
26			
27	Total Retail Sales (MWh)		
28			
29	GHG Emissions Intensity (converted to lbs CO₂e/MWh)		716
30			
31	Percentage of Retail Sales Covered by Retired Unbundled RECs		0.0%

**POWER SOURCE DISCLOSURE ANNUAL REPORT
ATTESTATION FORM**

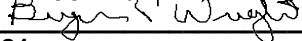
for the year ending December 31, 2020

**Constellation NewEnergy, Inc.
(ELECTRICITY PORTFOLIO NAME)**

I, (print name) Bryan Wright,
(title) SVP Chief Financial Officer, declare under penalty of perjury, that the statements
contained in this report including Schedules 1, 2, and 3 are true and correct and that I, as
an authorized agent of (print name of company) Constellation NewEnergy, Inc., have
authority to submit this report on the company's behalf. I further declare that the
megawatt-hours claimed as specified purchases as shown in these Schedules were, to the
best of my knowledge, sold once and only once to retail customers.

Name: Bryan Wright

Representing (Retail Supplier): Constellation NewEnergy, Inc.

Signature: 

Dated: May 28, 2021

Executed at: Baltimore, MD