

DOCKETED

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2021 POWER SOURCE DISCLOSURE ANNUAL REPORT For the Year Ending December 31, 2021

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	
	SHELL ENERGY NORTH AMERICA (US), L.P. D/B/A SHELL ENERGY SOLUTIONS
ELECTRICITY PORTFOLIO NAME	
CONTACT INFORMATION	
NAME	Marcie Milner
TITLE	Vice President
MAILING ADDRESS	4445 Eastgate Mall, Suite 100
CITY, STATE, ZIP	San Diego, CA 92121
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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) 805-7439.

2021 POWER SOURCE DISCLOSURE ANNUAL REPORT
SCHEDULE 1: PROCUREMENTS AND RETAIL SALES
For the Year Ending December 31, 2021
SHELL ENERGY NORTH AMERICA (US), L.P. D/B/A SHELL ENERGY SOLUTIONS

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)
GHG Emissions Intensity (in MT CO₂e/MWh)

DIRECTLY DELIVERED RENEWABLES							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
Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	N/A	EIA ID							
Alta Wind II	Wind	CA	W1841	60795A		57291							
Alta Wind IV	Wind	CA	W2013	61093A		57293							
Alta Wind VII	Wind	CA	W2905	61807A		57834							
Altwind 2	Wind	CA	W514	60402A		57291							
Ameresco Chiquita Canyon	Biogas	CA	W2015	61352A		56998							
Ameresco Johnson Canyon	Biogas	CA	W3397	61353A		58397							
Ameresco Keller Canyon	Biogas	CA	W2071	61298A		56997							
Ameresco Ox Mountain	Biogas	CA	W2033	60022A		56995							
Ameresco San Joaquin	Biogas	CA	W3863	62433A		58436							
Ameresco Santa Cruz Energy	Biogas	CA	W2014	61297A		56428							
Antelope Expansion 2	Solar	CA	W7133	63854A		61264							
Cabazon Wind Partners	Wind	CA	W834	60736A		56011							
Cameron Ridge, LLC (III)	Wind	CA	W407	60392A		10586							
City of Corcoran Solar	Solar	CA	W4150	62355A		59087							
Coachella 1	Wind	CA	W11289	64583A		64323							
Columbia Two	Solar	CA	W4191	60852A		56990							
Coso Energy Developers - BLM East Units 7 & 8	Geothermal Ener	CA	W460	60322A		10875							
Coso Energy Developers - BLM West Unit 9	Geothermal Ener	CA	W748	60322A		10875							
Coso Finance Partners - Navy 1 - Unit 2	Geothermal Ener	CA	W746	60309A		10873							
Coso Finance Partners - Navy 1 - Unit 3	Geothermal Ener	CA	W747	60309A		10873							
Coso Power Developers - Navy 2 - Units 4-6	Geothermal Ener	CA	W459	60321A		10874							
Desert Winds II Pwr Purch Trst	Wind	CA	W522	60422A		52142							
Desert Winds III	Wind	CA	W523	60423A		50821							
EE Kettleman Land - Centaurus	Solar	CA	W4595	62422A		59933							
Elevation Solar C	Solar	CA	W5298	63192A		58964							
G2 Energy Hay Road	Biogas	CA	W3547	61205A		58320							
G2 Energy Ostrom Rd	Biogas	CA	W1565	61206A		57133							
Geysers Power Plant - Calpine Geothermal Unit 7	Geothermal Ener	CA	W118	60003A		286							
Goose Lake Solar	Solar	CA	W4151	62357A		59086							
Great Valley Solar 1 - RE Tranquility & Rojo	Solar	CA	W5713	63282A		59940							
Hayworth Solar	Solar	CA	W4719	62744A		59009							
High Winds LLC	Wind	CA	W229	60726A		66075							
Juniper Canyon	Wind	WA	W1690	61202A		57320							
Kingbird Solar A - Kingbird A	Solar	CA	W4794	61694A		59868							
Klondike Wind Power IIIa	Wind	OR	W817	60884A		56468							
L.A. Co. Sanitation Dist	Biogas	CA	W448	60280A		10472							
Leaning Juniper II	Wind	OR	W1688	61200A		57333							
Lincoln Landfill Power Plant - Unit 3	Biogas	CA	W2319	61632A		57988							
Lincoln Landfill Power Plant - Units 1 & 2	Biogas	CA	W2318	61632A		57988							
Lincoln Landfill Power Plant - Units 4, 5, & 6	Biogas	CA	W3188	61632A		57988							
Maverick Solar 4, LLC - Almasol Generating Station	Solar	CA	W10626	64330A		64104							
Milford Wind Corridor Phase I, LLC	Wind	UT	W1496	61011A		57079							
Mojave Solar Project - Beta	Solar	CA	W4450	60848A		57331							
Mountain View Power Partners IV - Mountain View	Wind	CA	W2519	60467A		57459							

Mt. Poso Cogeneration Facility - MTNPOS_1_UNI	Biomass	CA	W1091	60695A		54626													
Mustang Hills, LLC	Wind	CA	W2482	61287A		57833													
Narrows No. 1 Powerhouse	Hydroelectric Wa	CA	W363	60052A		262													
Oak Creek Wind Power, LLC	Wind	CA	W509	60429A		50754													
Oasis Power Partners, LLC	Wind	CA	W131	60489A		56302													
Painted Hills	Wind	CA	W11290	60378A		50533													
RE Mustang 4	Solar	CA	W4818	62863A		59150													
Redwood Renewable Energy Facility - Waste Mar	Biogas	CA	W5551	63651A		59299													
Ridgetop Energy, LLC (I)	Wind	CA	W406	60375A		10597													
Ridgetop Energy, LLC (II)	Wind	CA	W408	60407A		10597													
San Geronimo East	Wind	CA	W4764	63228A		50690													
Second Imperial Geothermal - OEC 8 - Heber Sou	Geothermal Ener	CA	W792	60682A		54111													
Second Imperial Geothermal - OEC-7 - Gould 2	Geothermal Ener	CA	W793	60573A		54111													
Shiloh I Wind Project LLC	Wind	CA	W231	60468A		56362													
Sierra Pacific Burlington	Biomass	WA	W1491	60595A		56406													
Solar Alpine LLC	Solar	CA	W2672	60755A		57295													
Terra-Gen Mojave Wind Farms, LLC - Morwind	Wind	CA	W498	60380A		P161													
Topaz Solar Farms LLC - Topaz 10-16	Solar	CA	W3226	61699A		57695													
Victory Garden # 1 (Tehachapi) - Wind Stream Op	Wind	CA	W489	60381A		50532													
Victory Garden# 2 (Tehachapi) - Wind Stream Op	Wind	CA	W500	60382A		50532													
Victory Garden# 3 (Tehachapi) - Wind Stream Op	Wind	CA	W501	60383A		50532													
Voyager Wind 2	Wind	CA	W7287	63688A		61582													
Voyager Wind 3	Wind	CA	W7288	63685A		61583													
Voyager Wind 1	Wind	CA	W8807	63262A		60694													
Western Antelope Blue Sky Ranch B	Solar	CA	W5300	61518A		59961													
Whitewater Hill Wind Partners	Wind	CA	W835	60737A		56012													
Harvest Wind	Wind	WA	W1306	60857A		57152													
Wheat Field - Wheat Field	Wind	OR	W806	60750A		56854													

FIRMED-AND-SHAPED IMPORTS

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 CO ₂ e/MWh)	GHG Emissions (in MT CO ₂ e)	Eligible for Grandfathered Emissions?
Campbell Hill - Campbell Hill	Wind	WY	W1383	61017A	57090	Unspecified							
Cedar Point - Wind	Wind	CO	W2053	61442A	56652	60768							
Dunlap I - Dunlap I	Wind	WY	W1687	61188A	57299	Unspecified							
Glenrock III - Glenrock III	Wind	WY	W965	60804A	58841	Unspecified							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	60768							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	59784							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	55124							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	550							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	55481							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	Unspecified							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	6008							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	55177							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	2451							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	8008							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	80768							
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	59784							
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	Unspecified							
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	113							
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	60768							
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	59794							
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	55481							
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	58610							
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	6008							
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	2451							
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	8223							
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	Unspecified							
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	60768							
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	59784							
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	55481							
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	6008							
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	2451							
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	60768							
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	60768							

White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	59784
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	55481
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	Unspecified
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	6008
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	8223

SPECIFIED NON-RENEWABLE PROCUREMENTS

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 CO ₂ e/MWh)	GHG Emissions (in MT CO ₂ e)	N/A
Balch #1 PH	Large Hydro	CA										217	
Balch #2 PH	Large Hydro	CA										218	
Belden	Large Hydro	CA										219	
Bucks Creek	Large Hydro	CA										220	
Butt Valley	Large Hydro	CA										221	
Caribou 1	Large Hydro	CA										222	
Caribou 2	Large Hydro	CA										223	
Cresta	Large Hydro	CA										231	
Drum #1	Large Hydro	CA										235	
Drum #2	Large Hydro	CA										238	
Electra	Large Hydro	CA										239	
Haas	Large Hydro	CA										240	
James B Black	Large Hydro	CA										249	
Kerckhoff #2 PH	Large Hydro	CA										662	
Kings River	Large Hydro	CA										254	
Pit 1	Large Hydro	CA										266	
Pit 3	Large Hydro	CA										266	
Pit 4	Large Hydro	CA										267	
Pit 5	Large Hydro	CA										268	
Pit 6	Large Hydro	CA										269	
Pit 7	Large Hydro	CA										270	
Poe	Large Hydro	CA										272	
Rock Creek	Large Hydro	CA										275	
Salt Springs	Large Hydro	CA										279	
Stanislaus	Large Hydro	CA										285	
Tiger Creek	Large Hydro	CA										287	
Farbestown	Large Hydro	CA										417	
Woodleaf	Large Hydro	CA										419	
NID-Chicago Park	Large Hydro	CA										412	
Big Creek	Hydroelectric	CA										317	
Eastwood	Hydroelectric	CA										104	
Kern River	Hydroelectric	CA										339	
Hoover Dam	Hydroelectric	AZ										8902	
FPL Energy Vansyde LLC (WA)	Other	WA										55590	
Rocky Reach	Large hydro	WA										3983	
Rock Island	Large hydro	WA										6200	
Lake Chelan	Large hydro	WA										6424	
Wanapum (Grant County PUD)	Large hydro	WA										3988	
Pend Oreille	Large hydro	WA										3891	

PROCUREMENTS FROM ASSET-CONTROLLING SUPPLIERS

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 CO ₂ e/MWh)	GHG Emissions (in MT CO ₂ e)	N/A
											-	#N/A	
											-	#N/A	
											-	#N/A	
											-	#N/A	

END USES OTHER THAN RETAIL SALES	MWh

2021 POWER SOURCE DISCLOSURE ANNUAL REPORT
SCHEDULE 2: RETIRED UNBUNDLED RECS
For the Year Ending December 31, 2021
SHELL ENERGY NORTH AMERICA (US), L.P. D/B/A SHELL ENERGY SOLUTIONS

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.

				Total Retired Unbundled RECs
RETIRED UNBUNDLED RECS				
Facility Name	Fuel Type	State or Province	RPS ID	Total Retired (in MWh)
Arrowrock Hydroelectric - Arrowrock Hydroele	Hydroelectric Wa	ID	61302A	
Cape Scott Wind - Cape Scott Wind	Wind	BC	60600A	
CM10 - CM10	Solar	NV	60713A	
Del Ranch, LTD., (Niland #2) - Del Ranch, LT	Geothermal Ener	CA	60307A	
Dokie Wind - Dokie Wind	Wind	BC	61360A	
Elmore Ltd. - Elmore Ltd.	Geothermal Ener	CA	60310A	
Foot Creek I - Foot Creek I	Wind	WY	60561A	
Juniper Canyon - Juniper Canyon	Wind	WA	61202A	
Kettle Falls Woodwaste Plant - Kettle Falls W	Biomass	WA	60495A	
Klondike III - Klondike Wind Power III LLC	Wind	OR	60602A	
Klondike IIIa - Klondike Wind Power IIIa	Wind	OR	60694A	
Leaning Juniper II - Leaning Juniper II	Wind	OR	61200A	
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	62859A	
Macho Springs Solar - Macho Springs Solar	Solar	NM	62878A	
Monroe Street HED - Monroe Street HED	Hydroelectric Wa	WA	60496A	
Nine Mile HED - Nine Mile HED	Hydroelectric Wa	WA	60497A	
Nine Mile HED 2 - Nine Mile HED 2	Hydroelectric Wa	WA	60497A	
Opal Springs Hydro - Opal Springs Hydro	Hydroelectric Wa	OR	61439A	
Palouse Wind, LLC - Palouse Wind	Wind	WA	62288A	
Pennask Wind Farm - Pennask Wind Farm	Wind	BC	64015A	
Post Falls HED - Post Falls 2	Hydroelectric Wa	ID	60498A	
Post Falls HED - Post Falls 3	Hydroelectric Wa	ID	60496A	
Post Falls HED - Post Falls 4	Hydroelectric Wa	ID	60496A	
Post Falls HED - Post Falls HED	Hydroelectric Wa	ID	60498A	
Rock River I - Rock River I	Wind	WY	60563E	
Salton Sea Power Generation L.P. #1 - Saltor	Geothermal Ener	CA	60323A	
Salton Sea Power Generation L.P. #3 - Saltor	Geothermal Ener	CA	60317A	
Shinish Creek Wind Farm - Shinish Creek Wi	Wind	BC	64041A	
Sierra Pacific Burlington - Sierra Pacific Burlin	Biomass	WA	60596A	
Sierra Pacific Burlington - SPI Burlington Onsi	Biomass	WA	60596A	
Spanish Fork Wind Park - Spanish Fork Wind	Wind	UT	63434A	
SPI Anderson 2 Onsite Load - SPI Anderson 2	Biomass	CA	61146A	
Upper Falls HED - Upper Falls HED	Hydroelectric Wa	WA	60499A	
Vulcan/Bn Geothermal - Vulcan/Bn Geotherr	Geothermal Ener	CA	60308A	
Waste Management Renewable Energy - Alta	Biogas	CA	60096E	
White Creek Wind 1 - White Creek	Wind	WA	60721A	

2021 POWER SOURCE DISCLOSURE ANNUAL REPORT
SCHEDULE 3: POWER CONTENT LABEL DATA
For the Year Ending December 31, 2021
ENERGY NORTH AMERICA (US), L.P. D/B/A SHELL ENERGY SERVICES

Instructions: No data input is needed on this schedule. Retail suppliers should use these auto-populated calculations to fill out their Power Content Labels.

	Adjusted Net Procured (MWh)	Percent of Total Retail Sales
Renewable Procurements		
Biomass & Biowaste		
Geothermal		
Eligible Hydroelectric		
Solar		
Wind		
Coal		
Large Hydroelectric		
Natural gas		
Nuclear		
Other		
Unspecified Power		
Total		
Total Retail Sales (MWh)		
GHG Emissions Intensity (converted to lbs CO₂e/MWh)		
Percentage of Retail Sales Covered by Retired Unbundled RECs		

**2021 POWER SOURCE DISCLOSURE ANNUAL REPORT
ATTESTATION FORM****For the Year Ending December 31, 2021****SHELL ENERGY NORTH AMERICA (US), L.P. D/B/A SHELL ENERGY
SOLUTIONS**

I, (print name) Marcie Milner, Vice President Regulatory Affairs, 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) Shell Energy North America (US), L.P. DBA Shell Energy Solutions, 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: Marcie MilnerRepresenting (Retail Supplier): Shell Energy SolutionsSignature: *M Milner*Dated: May 23, 2022Executed at: San Diego, CA