



July 19, 2022

Lilly B. McKenna
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Docket Office: 22-PSDP-01
California Energy Commission
1516 Ninth Street, MS-39
Sacramento, CA 95814

Re: Docket 22-PSDP-01 Power Source Disclosure Annual Report - Amended Filing

Shell Energy North America (US), L.P. D/B/A Shell Energy Solutions (“Shell Energy”) submits this amended Power Source Disclosure Annual Report in the above-captioned docket pursuant to the request of California Energy Commission (CEC) staff. Concurrent with this filing, Shell Energy submits an Application for Confidential Designation to respectfully request protection of certain information, as identified in the form CEC-13, from disclosure. Shell Energy’s request for confidential treatment is consistent with information that the CEC has previously designated as confidential and is modified to reflect the Executive Director’s determination provided to Shell Energy in this docket on July 5, 2022.

Should you have any questions or require additional information regarding this submission and the related CEC-13 application, please do not hesitate to contact me at (415) 500-6527.

Sincerely,

A handwritten signature in blue ink that reads "Lilly B. McKenna". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Lilly B. McKenna

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
PHONE	(858) 526-2106
EMAIL	marcie.milner@shell.com
WEBSITE URL FOR PCL POSTING	https://energyconnect.shell.com/Our-Products--Environmental

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 CO ₂ e/MWh)	0.1448

DIRECTLY DELIVERED RENEWABLES													
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
Alta Wind II	Wind	CA	W1841	60795A		729							
Alta Wind IV	Wind	CA	W2013	61093A		729							
Alta Wind VII	Wind	CA	W2905	61807A		783							
Altwind 2	Wind	CA	W514	60402A		729							
Ameresco Chiquita Canyon	Biomass & biowa	CA	W2015	61352A		689							
Ameresco Johnson Canyon	Biomass & biowa	CA	W3397	61353A		839							
Ameresco Keller Canyon	Biomass & biowa	CA	W2071	61298A		689							
Ameresco Ox Mountain	Biomass & biowa	CA	W2033	60022A		689							
Ameresco San Joaquin	Biomass & biowa	CA	W3883	62433A		843							
Ameresco Santa Cruz Energy	Biomass & biowa	CA	W2014	61297A		642							
Antelope Expansion 2	Solar	CA	W7133	63854A		126							
Cabazon Wind Partners	Wind	CA	W834	60736A		601							
Cameron Ridge, LLC (III)	Wind	CA	W407	60392A		058							
City of Corcoran Solar	Solar	CA	W4150	62355A		908							
Coachella 1	Wind	CA	W11289	64593A		432							
Columbia Two	Solar	CA	W4191	60852A		899							
Coso Energy Developers - BLM East Units 7 & 8	Geothermal	CA	W460	60322A		087							
Coso Energy Developers - BLM West Unit 9	Geothermal	CA	W748	60322A		087							
Coso Finance Partners - Navy 1 - Unit 2	Geothermal	CA	W746	60309A		087							
Coso Finance Partners - Navy 1 - Unit 3	Geothermal	CA	W747	60309A		087							
Coso Power Developers - Navy 2 - Units 4-6	Geothermal	CA	W459	60321A		087							
Desert Winds II Pwr Purch Trst	Wind	CA	W522	60422A		214							
Desert Winds III	Wind	CA	W523	60423A		082							
EE Kettleman Land - Centaurus	Solar	CA	W4695	62422A		963							
Elevation Solar C	Solar	CA	W5298	63192A		996							
G2 Energy Hay Road	Biomass & biowa	CA	W3547	61205A		832							
G2 Energy Ostrom Rd	Biomass & biowa	CA	W1565	61206A		713							
Geysers Power Plant - Calpine Geothermal Unit	Geothermal	CA	W118	60003A		8							
Goose Lake Solar	Solar	CA	W4151	62357A		908							
Great Valley Solar 1 - RE Tranquillity 8 Rojo	Solar	CA	W5713	63282A		994							
Hayworth Solar	Solar	CA	W4719	62744A		900							
High Winds, LLC	Wind	CA	W229	60726A		607							
Juniper Canyon	Wind	WA	W1690	61202A		732							
Kingbird Solar A - Kingbird A	Solar	CA	W4794	61894A		986							
Klondike Wind Power IIIa	Wind	OR	W817	60694A		646							
L A. Co. Sanitation Dist	Biomass & biowa	CA	W448	60290A		047							
Leaning Juniper II	Wind	OR	W1689	61200A		733							
Lincoln Landfill Power Plant - Unit 3	Biomass & biowa	CA	W2319	61632A		798							
Lincoln Landfill Power Plant - Units 1 & 2	Biomass & biowa	CA	W2318	61632A		798							
Lincoln Landfill Power Plant - Units 4, 5, & 6	Biomass & biowa	CA	W3188	61632A		798							
Maverick Solar 4, LLC - Almasol Generating Sta	Solar	CA	W10626	64330A		410							
Milford Wind Corridor Phase I, LLC	Wind	UT	W1486	61011A		707							
Mojave Solar Project - Beta	Solar	CA	W4450	60848A		733							

Mountain View Power Partners IV - Mountain Vie	Wind	CA	W2519	60487A		745									
Mt. Poso Cogeneration Facility - MTNPOS_1_UN	Biomass & biowa	CA	W1091	60695A		462									
Mustang Hills, LLC	Wind	CA	W2482	61287A		783									
Narrows No. 1 Powerhouse	Eligible hydro	CA	W363	60052A		6									
Oak Creek Wind Power, LLC	Wind	CA	W509	60429A		075									
Oasis Power Partners, LLC	Wind	CA	W131	60489A		630									
Painted Hills	Wind	CA	W11290	60378A		053									
RE Mustang 4	Solar	CA	W4816	62863A		915									
Redwood Renewable Energy Facility - Waste Ma	Biomass & biowa	CA	W5551	63651A		929									
Ridgetop Energy, LLC (I)	Wind	CA	W406	60375A		059									
Ridgetop Energy, LLC (II)	Wind	CA	W408	60407A		059									
San Geronio East	Wind	CA	W4764	63228A		069									
Second Imperial Geothermal - OEC 8 - Heber Sc	Geothermal	CA	W792	60682A		411									
Second Imperial Geothermal - OEC-7 - Gould 2	Geothermal	CA	W793	60573A		411									
Shiloh I Wind Project LLC	Wind	CA	W231	60488A		636									
Sierra Pacific Burlington	Biomass & biowa	WA	W1491	60596A		640									
Solar Alpine LLC	Solar	CA	W2872	60755A		729									
Terra-Gen Mojave Wind Farms, LLC - Morwind	Wind	CA	W498	60380A		16									
Topaz Solar Farms LLC - Topaz 10-16	Solar	CA	W3226	61698A		769									
Victory Garden # 1 (Tehachapi) - Wind Stream O	Wind	CA	W499	60381A		053									
Victory Garden# 2 (Tehachapi) - Wind Stream O	Wind	CA	W500	60382A		053									
Victory Garden# 3 (Tehachapi) - Wind Stream O	Wind	CA	W501	60383A		053									
Voyager Wind 2	Wind	CA	W7267	63686A		158									
Voyager Wind 3	Wind	CA	W7268	63685A		158									
Voyager Wind I	Wind	CA	W8807	63262A		059									
Western Antelope Blue Sky Ranch B	Solar	CA	W5300	61518A		996									
Whitewater Hill Wind Partners	Wind	CA	W835	60737A		601									
Harvest Wind	Wind	WA	W1306	60857A		715									
Wheat Field - Wheat Field	Wind	OR	W806	60750A		685									
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	56662	6076									
Dunlap I - Dunlap I	Wind	WY	W1687	61188A	57299	Unspecified									
Glenrock III - Glenrock III	Wind	WY	W965	60804A	56841	Unspecified									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	6076									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	5978									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	5512									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	5									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	5548									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	Unspecified									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	00									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	5517									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	45									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	00									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	6076									
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126	5978									
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	1									
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	6076									
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	5978									
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	5548									
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	5861									
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	00									
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	45									
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083	22									
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	Unspecified									
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	6076									
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	5978									
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	5548									
Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	00									

Macho Springs Solar - Macho Springs Solar	Solar	NM	W4143	62878A	59010	45								
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	6076								
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	5978								
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	5548								
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	Unspecified								
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	00								
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487	22								

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				1							
Balch #2 PH	Large Hydro	CA				1							
Belden	Large Hydro	CA				1							
Bucks Creek	Large Hydro	CA				2							
Butt Valley	Large Hydro	CA				2							
Caribou 1	Large Hydro	CA				2							
Caribou 2	Large Hydro	CA				2							
Cresta	Large Hydro	CA				3							
Drum #1	Large Hydro	CA				3							
Drum #2	Large Hydro	CA				3							
Electra	Large Hydro	CA				3							
Haas	Large Hydro	CA				4							
James B Black	Large Hydro	CA				4							
Kerckhoff #2 PH	Large Hydro	CA				8							
Kings River	Large Hydro	CA				5							
Pit 1	Large Hydro	CA				6							
Pit 3	Large Hydro	CA				6							
Pit 4	Large Hydro	CA				6							
Pit 5	Large Hydro	CA				6							
Pit 6	Large Hydro	CA				6							
Pit 7	Large Hydro	CA				7							
Poe	Large Hydro	CA				7							
Rock Creek	Large Hydro	CA				7							
Salt Springs	Large Hydro	CA				7							
Stanislaus	Large Hydro	CA				8							
Tiger Creek	Large Hydro	CA				8							
Forbestown	Large Hydro	CA				1							
Woodleaf	Large Hydro	CA				1							
NID Chicago Park	Large Hydro	CA				1							
Big Creek	Large hydro	CA				1							
Eastwood	Large hydro	CA				0							
Kern River	Large hydro	CA				3							
Hoover Dam	Large hydro	AZ				90							
FPL Energy Vansycle LLC (WA)	Other	WA				556							
Rocky Reach	Large hydro	WA				388							
Rock Island	Large hydro	WA				620							
Lake Chelan	Large hydro	WA				642							
Wanapum (Grant County PUD)	Large hydro	WA				388							
Pend Oreille	Large hydro	WA				389							

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	Eligible hydro	ID	61302	
Cape Scott Wind - Cape Scott Wind	Wind	BC	60600	
CM10 - CM10	Solar	NV	60713	
Del Ranch, LTD., (Niland #2) - Del Ranch, LT	Geothermal	CA	60307	
Dokie Wind - Dokie Wind	Wind	BC	61360	
Elmore Ltd. - Elmore Ltd.	Geothermal	CA	60310	
Footo Creek I - Footo Creek I	Wind	WY	60561	
Juniper Canyon - Juniper Canyon	Wind	WA	61202	
Kettle Falls Woodwaste Plant - Kettle Falls W	Biomass & biowa	WA	60495	
Klondike III - Klondike Wind Power III LLC	Wind	OR	60602	
Klondike IIIa - Klondike Wind Power IIIa	Wind	OR	60694	
Leaning Juniper II - Leaning Juniper II	Wind	OR	61200	
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	62859	
Macho Springs Solar - Macho Springs Solar	Solar	NM	62878	
Monroe Street HED - Monroe Street HED	Eligible hydro	WA	60496	
Nine Mile HED - Nine Mile HED	Eligible hydro	WA	60497	
Nine Mile HED 2 - Nine Mile HED 2	Eligible hydro	WA	60497	
Opal Springs Hydro - Opal Springs Hydro	Eligible hydro	OR	61439	
Palouse Wind, LLC - Palouse Wind	Wind	WA	62288	
Pennask Wind Farm - Pennask Wind Farm	Wind	BC	64015	
Post Falls HED - Post Falls 2	Eligible hydro	ID	60498	
Post Falls HED - Post Falls 3	Eligible hydro	ID	60496	
Post Falls HED - Post Falls 4	Eligible hydro	ID	60496	
Post Falls HED - Post Falls HED	Eligible hydro	ID	60498	
Rock River I - Rock River I	Wind	WY	60563	
Salton Sea Power Generation L.P. #1 - Salton	Geothermal	CA	60323	
Salton Sea Power Generation L.P. #3 - Salton	Geothermal	CA	60317	
Shinish Creek Wind Farm - Shinish Creek Wi	Wind	BC	64041	
Sierra Pacific Burlington - Sierra Pacific Burlin	Biomass & biowa	WA	60596	
Sierra Pacific Burlington - SPI Burlington Ons	Biomass & biowa	WA	60596	
Spanish Fork Wind Park - Spanish Fork Wind	Wind	UT	63434	
SPI Anderson 2 Onsite Load - SPI Anderson 2	Biomass & biowa	CA	61146	
Upper Falls HED - Upper Falls HED	Eligible hydro	WA	60499	
Vulcan/Bn Geothermal - Vulcan/Bn Geother	Geothermal	CA	60308	
Waste Management Renewable Energy - Alt	Biomass & biowa	CA	60096	
White Creek Wind 1 - White Creek	Wind	WA	60721	

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		32.3%
Biomass & Biowaste		1.7%
Geothermal		1.6%
Eligible Hydroelectric		0.2%
Solar		5.2%
Wind		23.6%
Coal		0.0%
Large Hydroelectric		36.2%
Natural gas		0.0%
Nuclear		0.0%
Other		0.6%
Unspecified Power		30.9%
Total		100.0%

Total Retail Sales (MWh)	
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GHG Emissions Intensity (converted to lbs CO₂e/MWh)	319
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Percentage of Retail Sales Covered by Retired Unbundled RECs	3.5%
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**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,
(title) Vice President, 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 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 Milner

Representing (Retail Supplier): Shell Energy North America (US), L.P. DBA Shell Energy Solutions

Signature: 

Dated: 7/13/22

Executed at: San Diego, CA