

**DOCKETED**

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## 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	
Shell Energy North America (US), L.P.	
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	<a href="mailto:marcie.milner@shell.com">marcie.milner@shell.com</a>
WEBSITE URL FOR PCL POSTING	<a href="https://energyconnect.shell.com/Our-Products--Environmental">https://energyconnect.shell.com/Our-Products--Environmental</a>

Submit the Annual Report and signed Attestation in PDF format with the Excel version of the Annual Report to [PSDprogram@energy.ca.gov](mailto: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](mailto: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.

**2020 POWER SOURCE DISCLOSURE ANNUAL REPORT**  
**SCHEDULE 1: PROCUREMENTS AND RETAIL SALES**  
**For the Year Ending December 31, 2020**  
**Shell Energy North America (US), L.P.**

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)  
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<sub>2</sub>e/MWh)

DIRECTLY DELIVERED RENEWABLES							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
Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	N/A	EIA ID							
Agua Caliente Solar - Block 2	Solar	AZ	W2576	60894A		57373							
Agua Caliente Solar - Block 3	Solar	AZ	W2668	60894A		57373							
Agua Caliente Solar - Block 4	Solar	AZ	W2782	60894A		57373							
Agua Caliente Solar - Block 5	Solar	AZ	W2838	60894A		57373							
Agua Caliente Solar - Block 6	Solar	AZ	W2844	60894A		57373							
Agua Caliente Solar - Block 7	Solar	AZ	W2925	60894A		57373							
Agua Caliente Solar - Block 8	Solar	AZ	W3240	60894A		57373							
Agua Caliente Solar - Block 9	Solar	AZ	W2812	60894A		57373							
Alta Wind II	Wind	CA	W1841	60795A		57291							
Alta Wind IV	Wind	CA	W2013	61093A		57293							
Alta Wind 1	Wind	CA	W516	60403A		57282							
Alta Wind II	Wind	CA	W514	60402A		57291							
Alta Wind III	Wind	CA	W749	60402A		57292							
Ameresco Chiquita Canyon	Biomass & biowa	CA	W2015	61352A		56898							
Ameresco Johnson Canyon	Biomass & biowa	CA	W3397	61353A		58397							
Ameresco Keller Canyon	Biomass & biowa	CA	W2071	61298A		56897							
Ameresco Ox Mountain	Biomass & biowa	CA	W2033	60022A		56895							
Ameresco San Joaquin	Biomass & biowa	CA	W3883	62433A		58436							
Ameresco Santa Cruz Energy	Biomass & biowa	CA	W2014	61297A		56428							
AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar	Solar	CA	W2803	60790A		57378							
Boxcar I - Boxcar I Power Purchase Contract Tru	Wind	CA	W411	60372A		N/A							
Boxcar II - Boxcar II Power Purchase Contract Tru	Wind	CA	W412	60411A		N/A							
Cabazon Wind Partners - Cabazon Wind Partners	Wind	CA	W834	60736A		56011							
California Valley Solar Ranch - Block1	Solar	CA	W2847	60603A		57439							
California Valley Solar Ranch - Block2	Solar	CA	W3106	60603A		57439							
California Valley Solar Ranch - Block3	Solar	CA	W3111	60603A		57439							
Camanche - Camanche 1,2,&3	Eligible hydro	CA	W243	60535A		537							
Cameron Ridge, LLC (III) - Cameron Ridge LLC (	Wind	CA	W407	60392A		10586							
Coso Energy Developers - BLM East Units 7 & 8	Geothermal	CA	W460	60322A		10875							
Coso Energy Developers - BLM West Unit 9	Geothermal	CA	W748	60322A		10875							
Coso Finance Partners - Navy 1 - Unit 2	Geothermal	CA	W746	60309A		10873							
Coso Finance Partners - Navy 1 - Unit 3	Geothermal	CA	W747	60309A		10873							
Coso Power Developers - Navy 2 - Units 4-6	Geothermal	CA	W459	60321A		10874							
DESERT SUNLIGHT 300, LLC - DSL-BLK10 & 11	Solar	CA	W3783	61068A		57993							
Desert Winds I - Desert Winds I	Wind	CA	W521	60397A		599668							
Desert Winds III - Desert Winds III	Wind	CA	W523	60423A		599668							
GENESIS SOLAR, LLC - SGN2	Solar	CA	W3791	60605A		57394							
Geysers Power Plant - Calpine Geothermal Unit 1	Geothermal	CA	W120	60004A		286							
Geysers Power Plant - Calpine Geothermal Unit 1	Geothermal	CA	W124	60007A		286							
Geysers Power Plant - Calpine Geothermal Unit 1	Geothermal	CA	W125	60008A		286							
High Winds - High Winds, LLC	Wind	CA	W229	60726A		56075							
Imperial Valley Solar 3, LLC - Mount Signal Solar	Solar	CA	W7036	61649A		56917							
Imperial Valley Solar 3, LLC - Silver Ridge Mount	Solar	CA	W7036	61649A		56917							
Ivanpah - Unit 1	Solar	CA	W3189	62273A		57074							

Ivanpah - Unit 3	Solar	CA	W3190	62275A		57075
Ivanpah - Unit 3	Solar	CA	W3190	62275A		57075
L. A. Co. Sanitation Dist - L. A. Co. Sanitation Dist	Biomass & biowa	CA	W448	60290A		N/A
Mesquite Solar 3, LLC - Mesquite Solar 3 (1)	Solar	AZ	W4959	62897A		60308
Milford Wind Corridor Phase I, LLC - Milford Wind	Wind	UT	W1486	61011A		57079
Mountain View Power Partners IV - Mountain View	Wind	CA	W2519	60487A		57459
Mt. Poso Cogeneration Facility - MTNPOS_1_UN	Biomass & biowa	CA	W1091	60695A		54626
Oak Creek Wind Power, LLC - Oak Creek Wind P	Wind	CA	W509	60429A		50754
Oasis Power Partners, LLC - Oasis Power Partner	Wind	CA	W131	60489A		56302
Pardee - Pardee 1	Eligible hydro	CA	W233	60536A		376
Pardee - Pardee 2	Eligible hydro	CA	W241	60536A		376
Pardee - Pardee 3	Eligible hydro	CA	W242	60536A		376
RE Tranquility - Tranquility	Solar	CA	W4898	61269A		59939
Ridgetop Energy, LLC - Ridgetop Energy, LLC (I)	Wind	CA	W406	60375A		10597
Ridgetop Energy, LLC (II) - Ridgetop Energy, LLC	Wind	CA	W408	60407A		10597
Salton Sea Power LLC Unit 5 - Salton Sea Power	Geothermal	CA	W1372	60773A		55983
San Geronio Altwind - San Geronio Altwind	Wind	CA	W4960	60402A		50690
San Geronio East - San Geronio East	Wind	CA	W4764	63228A		50690
Second Imperial Geothermal - OEC 8 - Heber Sou	Geothermal	CA	W792	60682A		54111
Second Imperial Geothermal - OEC-7 - Gould 2	Geothermal	CA	W793	60573A		54111
Shiloh I Wind Project - Shiloh I Wind Project LLC	Wind	CA	W231	60488A		56362
Sierra Pacific Burlington - Sierra Pacific Burlingto	Biomass & biowa	WA	W1491	60596A		56406
Sierra Pacific Burney Facility - Sierra Pacific Indus	Biomass & biowa	CA	W667	60087A		50110
Sierra Pacific Ind. (Lincoln) - Sierra Pacific Industr	Biomass & biowa	CA	W668	60088A		10144
Sierra Pacific Ind. (Quincy) - Sierra Pacific Industr	Biomass & biowa	CA	W669	60089A		50112
Sierra Pacific Sonora - Sierra Pacific Sonora	Biomass & biowa	CA	W852	60576A		54517
Solar Star California XX, LLC - AVS 2 Solar Star 2	Solar	CA	W4243	61364A		58389
Solar Star California XX, LLC - AVS 2 Solar Star 2	Solar	CA	W4457	61364A		58389
Spicer_1_Units - Spicer Meadow Project	Eligible hydro	CA	W1260	61580A		5454
Terra-Gen Mojave Wind Farms, LLC - Morwind -	Wind	CA	W498	60380A		52143
Topaz Solar Farms LLC - Topaz 10-16	Solar	CA	W3226	61698A		57695
Topaz Solar Farms LLC - Topaz 17 - 20	Solar	CA	W3227	61698A		57695
Topaz Solar Farms LLC - Topaz 1-9	Solar	CA	W3193	61698A		57695
Topaz Solar Farms LLC - Topaz 21 - 22	Solar	CA	W3229	61698A		57695
Victory Garden #1 (Tehachapi) - Wind Stream Op	Wind	CA	W499	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	W7267	63686A		61582
Whitewater Hill Wind Partners	Wind	CA	W835	60737A		56012
Willow Springs 2	Solar	CA	W7213	62286A		N/A
Windpark Unlimited 2	Wind	CA	W4916	63076A		60321
Harvest Wind	Wind	WA	W1306	60857A		57152
White Creek Wind 1	Wind	WA	W360	60721A		56487

## 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 <sub>2</sub> e/MWh)	GHG Emissions (in MT CO <sub>2</sub> e)	Eligible for Grandfathered Emissions?
Biglow Canyon Wind Farm - Biglow Canyon 3	Wind	OR	W1588	63056A	56485								
Biglow Canyon Wind Farm - Biglow Phase 2	Wind	OR	W1268	63055A	56485								
Limon Wind - Limon Wind I	Wind	CO	W3157	62246A	58126								
Limon Wind III, LLC - Limon Wind III, LLC	Wind	CO	W4269	62859A	59083								
Tucannon River Wind Farm - Tucannon River 1	Wind	WA	W4482	63027A	58571								
Tucannon River Wind Farm - Tucannon River 2	Wind	WA	W4483	63027A	58571								
White Creek Wind 1 - White Creek	Wind	WA	W360	60721A	56487								

## 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 <sub>2</sub> e/MWh)	GHG Emissions (in MT CO <sub>2</sub> e)	N/A
PG&E ALLOCATION	Large hydro	CA											
FPL Energy Vansycle LLC (OR)	Other	OR											
Rocky Reach	Large hydro	WA				3883							
Rock Island	Large hydro	WA				6200							
Lake Chelan	Large hydro	WA				6424							
Wanapum (Grant County PUD)	Large hydro	WA				3888							



**Total Retired Unbundled RECs**[illegible]



**2020 POWER SOURCE DISCLOSURE ANNUAL REPORT**  
**SCHEDULE 3: POWER CONTENT LABEL DATA**  
**For the Year Ending December 31, 2020**  
**Shell Energy North America (US), L.P.**

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
<b>Renewable Procurements</b>		
Biomass & Biowaste		
Geothermal		
Eligible Hydroelectric		
Solar		
Wind		
Coal		
Large Hydroelectric		
Natural gas		
Nuclear		
Other		
Unspecified Power		
<b>Total</b>		
<b>Total Retail Sales (MWh)</b>		
<b>GHG Emissions Intensity (converted to lbs CO<sub>2</sub>e/MWh)</b>		
<b>Percentage of Retail Sales Covered by Retired Unbundled RECs</b>		

## ASSET CONTROLLING SUPPLIER RESOURCE MIX CALCULATOR

Instructions: Enter total net specified procurement of ACS system resources into cell A8, A23, or A38. In Column E, the calculator will determine quantities of resource-specific net procurement for entry on Schedule 1.

Powerex				
Net MWh Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind	0.00	-
		Coal		-
		Large hydroelectric	0.88	-
		Natural gas	0.01	-
		Nuclear	0.01	-
		Other	0.04	-
		Unspecified Power	0.06	-

Bonneville Power Administration				
Net MWh Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar	0.00	-
		Wind		-
		Coal		-
		Large hydroelectric	0.85	-
		Natural gas	0.00	-
		Nuclear	0.11	-
		Other	0.01	-
		Unspecified Power	0.04	-

Tacoma Power				
Net MWh Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-

Coal		-
Large hydroelectric	0.90	-
Natural gas		-
Nuclear	0.06	-
Other		-
Unspecified Power	0.04	-

**POWER SOURCE DISCLOSURE ANNUAL REPORT  
ATTESTATION FORM  
for the year ending December 31, 2020  
(RETAIL SUPPLIER NAME)**

I, (print name) Marcie A. 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 North America, 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 A. Milner

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

Signature: \_\_\_\_\_

Dated: 5/27/21

Executed at: San Diego, CA