

<b>DOCKETED</b>	
<b>Docket Number:</b>	25-PSDP-01
<b>Project Title:</b>	Power Source Disclosure Program - 2024
<b>TN #:</b>	263785
<b>Document Title:</b>	2024 Power Source Disclosure Report - DEB
<b>Description:</b>	2024 Power Source Disclosure Filing of Direct Energy Business, LLC
<b>Filer:</b>	Barbara S. Farmer
<b>Organization:</b>	BARBARA FARMER
<b>Submitter Role:</b>	Applicant
<b>Submission Date:</b>	6/3/2025 1:46:28 PM
<b>Docketed Date:</b>	6/3/2025

## 2024 POWER SOURCE DISCLOSURE ANNUAL REPORT

### For the Year Ending December 31, 2024

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	
Direct Energy Business, LLC	
CONTACT INFORMATION	
NAME	Barbara Farmer
TITLE	Regulatory Reporting Analyst
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WEBSITE URL FOR PCL POSTING	<a href="https://www.nrg.com/assets/documents/legal/overview/environmental-disclosures/deb-ca-disclosure-label.pdf">https://www.nrg.com/assets/documents/legal/overview/environmental-disclosures/deb-ca-disclosure-label.pdf</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 and contact information above.

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-  
[California Energy Commission's website](https://www.energy.ca.gov/energy-commission/energy-commission-websites)).

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

Annual Data

Instructions:

- 1. Enter the electricity portfolio name in cell O25 and additional electricity portfolio names as needed in cells P25:V25.
- 2. Enter information about all power procurements and retail sales. 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.
- 3. For all specified purchases, enter the facility name, fuel type, state or province, WREGIS ID of REC source, RPS ID of REC source, EIA ID of delivered energy, gross MWhs procured, and specified resales MWhs.
- 4. For firm-ed&-shaped procurements specifically, enter all fields from step 3. Additionally, enter the EIA ID of the substitute power in the "EIA ID of delivered energy" field and select "Yes" in the "Firm-ed&-Shaped Resource?" field. If the associated GHG emissions are eligible for firm-ed&-shape
- 5. Proxy EIA IDs for unspecified power and specified system mixes from asset-controlling suppliers have been provided. Enter "Unspecified Power", "BPA", or "Tacoma Power" as applicable.
- 6. Proxy EIA IDs for aggregated reporting of WAPA CVP or PCIA resources; Enter "CVP", "PCIA Wind", "PCIA Eligible Hydro", or "PCIA Large Hydro" as applicable.
- 7. Procurements of unspecified power must not be entered as line items below; unspecified power will be calculated automatically in the individual electricity portfolio tables to the right after all specified resources have been allocated.
- 8. Allocate net MWhs procured to each electricity portfolio until the loads are balanced across each portfolio. If the total Net MWhs Procured exceeds the total retail sales of all portfolios, allocate only enough MWh to meet the retail sales of each portfolio.

Over allocation check	✓
Under allocation check	✓
Coal check	✓
Negative oversupply check	✓

Retail Sales	REDACTED
Unmet Load	1050782
	0

Facility Name	Fuel Type	State or Province	WREGIS ID of REC source	RPS ID of REC source	EIA ID of delivered energy	Gross MWhs Procured	Specified Resales MWhs	Net MWhs Procured	Firm-ed & Shaped Resource?	Eligible for Firm-ed & Shaped Grandfathering?	Total EF (MT CO <sub>2</sub> e/MWh)	Total GHGs	PCL EF (MT CO <sub>2</sub> e/MWh)	Standard Product Offering	Electricity Portfolio #2 Name
Blmthe Solar III	Solar	CA	W10157	63130A	60092	3324		3324			0.0000		0.0000	3324	
Mt. Poso Cogeneration Facility	Biomass & Biogas	CA	W1091	60695	54626	8048		8048			1.0916	8785	0.0313	8048	
Maverick Solar, LLC	Solar	CA	W10973	63321A	62178	3447		3447			0.0000		0.0000	3447	
American Kings Solar Project	Solar	CA	W11005	61600A	60777	2985		2985			0.0000		0.0000	2985	
Geysers Power Plant - Calpine Geo Unit	Geothermal	CA	W117	60115A	286	4027		4027			0.0432	174	0.0000	4027	
Geysers Power Plant - Calpine Geo Unit	Geothermal	CA	W118	60010A	286	3183		3183			0.0432	138	0.0000	3183	
Geysers Power Plant - Calpine Geo Unit 12	Geothermal	CA	W119	60002A	286	2308		2308			0.0432	100	0.0000	2308	
Geysers Power Plant - Calpine Geo Unit	Geothermal	CA	W120	60003A	286	2959		2959			0.0432	128	0.0000	2959	
ESJ Wind 2- Enerfia Sierra Juarez Wind	Wind	BCN	W12025	64016A	P198	1906		1906			0.0000		0.0000	1906	
ESJ Wind 2- Enerfia Sierra Juarez Wind	Wind	BCN	W12026	64016A	P198	1059		1059			0.0000		0.0000	1059	
Clines Corners - Clines Corners Wind F Wind	Wind	NM	W12057	64716A	64054	21623		21623			0.0000		0.0000	21623	
Clines Corners - Clines Corners Wind F Wind	Wind	NM	W12058	64716A	64054	50620		50620			0.0000		0.0000	50620	
Tecolote Wind - Tecolote Wind LLC	Wind	NM	W12059	64729A	64066	27475		27475			0.0000		0.0000	27475	
Duran Mesa LLC - Duran Mesa LLC	Wind	NM	W12070	64728A		12282		12282			0.0000		0.0000	12282	
Geysers Power Plan - Calpine Geother	Geothermal	CA	W121	60025A	286	784		784			0.0432	34	0.0000	784	
Geysers Power Plan - Calpine Geother	Geothermal	CA	W122	60004A	286	437		437			0.0432	19	0.0000	437	
Geysers Power Plan - Calpine Geother	Geothermal	CA	W123	60005A	286	1578		1578			0.0432	68	0.0000	1578	
Geysers Power Plan - Calpine Geother	Geothermal	CA	W124	60026A	286	993		993			0.0432	43	0.0000	993	
Geysers Power Plan - Calpine Geother	Geothermal	CA	W125	60026A	286	275		275			0.0432	12	0.0000	275	
Geysers Power Plan - Calpine Geother	Geothermal	CA	W126	60026A	286	717		717			0.0432	31	0.0000	717	
Geysers Power Plan - Sonoma / Calpine	Geothermal	CA	W127	60026A	286	410		410			0.0432	18	0.0000	410	
SE Athos I	Solar	CA	W12610	63755A	63300	618152	50000	568152			0.0000		0.0000	568152	
Java Solar - Java Solar	Solar	CA	W13698	61637A	65965	138		138			0.0000		0.0000	138	
Kumeyaay Sind Farm - Kumeyaay Wind	Wind	CA	W138	60432A	56295	1289		1289			0.0000		0.0000	1289	
Wister Solar- Wister Solar	Solar	CA	W13900	62278A	63467	255		255			0.0000		0.0000	255	
Vaca Dixon Solar Station - Vaca Dixon	Solar	CA	W1455	61433A	57041	26		26			0.0000		0.0000	26	
Gaskell West 3	Solar	CA	W15529	63619A	61447	230		230			0.0000		0.0000	230	
Gaskell West 4	Solar	CA	W15585	63617A	61448	234		234			0.0000		0.0000	234	

Gaskill West 5	CA	W15586	63618A	61449	230			0.0000		0.0000	230
BCE11	CA	W16033	65456A	66533	189			0.0000		0.0000	189
BCE21	CA	W16034	65456A	66532	153			0.0000		0.0000	153
Arica Solar, LLC - Direct Energy	CA	W16644	64922A	65744	51570			0.0000		0.0000	51570
Arica Solar, LLC - Direct Energy	CA	W16645	64922A	65744	137589			0.0000		0.0000	137589
Vikings Energy Farm LLC	CA	W19054	64970A	10438	25000			0.0000		0.0000	25000
Dokie Wind - Dokie Wind	BC	W1992	61360A	P150	402			0.0000		0.0000	402
Shiloh III Wind Project, LLC - Shiloh III	CA	W2142	61069A	57586	2134			0.0000		0.0000	2134
Five Points Solar Station	CA	W2201	61432A	57498	124			0.0000		0.0000	124
Westside Solar Station	CA	W2202	61432A	57499	111			0.0000		0.0000	111
Stroud Solar Station	CA	W2203	61434A	57497	171			0.0000		0.0000	171
Mesquite Solar 1 (1-3) - Mesquite Solar	CA	W2399	60966A	57707	795			0.0000		0.0000	795
Montezuma Wind II - Nextera Energy M	CA	W2400	61635A	57701	1575			0.0000		0.0000	1575
Vasco Winds - Vasco Winds	CA	W2401	61344A	57700	1795			0.0000		0.0000	1795
Huron Solar Station - Huron Solar Stat	CA	W2579	61821A	57523	153			0.0000		0.0000	153
Cantua Solar Station - Cantua Solar	CA	W2580	61823A	57522	166			0.0000		0.0000	166
Giffen Solar Station - Giffen Solar Stat	CA	W2581	61822A	57521	72			0.0000		0.0000	72
Building C1 - Golden Springs Developm	CA	W2607	61623A	57796	19			0.0000		0.0000	19
Mesquite Solar 1 (4) - Mesquite Solar 1	AZ	W2755	60966A	57707	304			0.0000		0.0000	304
Coram Brodie Wind Project - Brookfield	CA	W2773	60973A	57962	2157			0.0000		0.0000	2157
Pacific Wind, LLC - Pacific Wind, LLC	CA	W2779	61555A	57757	3349			0.0000		0.0000	3349
Shiloh IV Wind Project, LLC - Shiloh IV	CA	W2780	61617A	57725	1476			0.0000		0.0000	1476
North Palm Springs 1A - North Palm Sp	CA	W2783	61196A	57743	75			0.0000		0.0000	75
Mesquite Solar 1 (5) - Mesquite Solar 1	AZ	W2784	60966A	57707	304			0.0000		0.0000	304
Catalina Solar Phase 1 - Catalina Solar	CA	W2785	61590A	57708	1950			0.0000		0.0000	1950
Mesquite Solar 1 (6) - Mesquite Solar 1	AZ	W2807	60966A	57707	153			0.0000		0.0000	153
Copper Mountain Solar 2 - CMS 2 (1)	NV	W2818	60990A	58017	414			0.0000		0.0000	414
Golden Springs Building D - Golden Spr	CA	W2830	61624A	57797	9			0.0000		0.0000	9
Industry Metrolink PV 1 - Industry Metrc	CA	W2840	61819A	57860	16			0.0000		0.0000	16
Mesquite Solar 1 (7) - Mesquite Solar 1	AZ	W2841	60966A	57707	304			0.0000		0.0000	304
Mesquite Solar 1 (8) - Mesquite Solar 1	AZ	W2871	60966A	57707	228			0.0000		0.0000	228
NRG Solar Borrego I - NRG Solar Borro	CA	W2874	61211A	57455	571			0.0000		0.0000	571
SEPV 1 - SEPV1	CA	W2885	61065A	58073	40			0.0000		0.0000	40
SEPV 2 - SEPV 2	CA	W2886	61066A	58074	42			0.0000		0.0000	42
Sonoma Central Landfill Phase I - Sono	CA	W2888	60097A	58752	44		32	0.7383		0.0038	44
Copper Mountain Solar 2 - CMS 2 (2)	NV	W2943	60990A	58017	369			0.0000		0.0000	369
Sonoma Central Landfill Phase II - Sono	CA	W2960	60097A	58753	44		32	0.7383		0.0038	44
Chino South Building E - San Antonio W	CA	W2979	61940A	57904	26			0.0000		0.0000	26
Mesquite Solar 1 (9) - Mesquite Solar 1	AZ	W3095	60966A	57707	304			0.0000		0.0000	304
Manzana - Manzana Wind LLC	CA	W3105	61671A	57484	3099			0.0000		0.0000	3099
RE Kansas South - RE Kansas South	CA	W3109	61264A	58148	280			0.0000		0.0000	280
Mesquite Solar 1 (11) - Mesquite Solar	AZ	W3130	60966A	57707	304			0.0000		0.0000	304
Quality Wind - Quality Wind	BC	W3160	62247A	P164	1445			0.0000		0.0000	1445
Coram Energy LLC (ECT) - Coram Ener	CA	W317	60029A	54298	267			0.0000		0.0000	267
Coram Energy, LLC - Coram Energy, LL	CA	W318	60028A	54299	94			0.0000		0.0000	94
Mesquite Solar 1 (12) - Mesquite Solar	CA	W3183	60966A	57707	304			0.0000		0.0000	304
67RK 8ME, LLC - Redcrest Solar Farm	CA	W4780	62642A	58831	261			0.0000		0.0000	261
ABEC Bidat-Old River LLC - ABEC Bid	CA	W3519	62369A	58699	475		297	0.6243		0.0032	475
Adelanto Solar II, LLC - Adelanto Solar	CA	W4683	62640A	59440	135			0.0000		0.0000	135
Adelanto Solar, LLC - Adelanto Solar, L	CA	W4758	62639A	59441	555			0.0000		0.0000	555
Adiera Solar, LLC - Adiera Solar, LLC	CA	W4836	61388A	60027	180			0.0000		0.0000	180
Adobe Solar, LLC - Adobe Solar, LLC	CA	W4119	61427A	57651	581			0.0000		0.0000	581
Alamo Solar - Alamo Solar	CA	W4546	61453A	59469	240			0.0000		0.0000	240
Algonquin SKIC 10 Solar, LLC - Algonq	CA	W5392	62879A	60242	138			0.0000		0.0000	138
Alhambra Solar Facility - Alhambra Sola	CA	W4479	61646A	P379	750			0.0000		0.0000	750
Alta Wind X, LLC - Alta Wind X, LLC	CA	W3537	62244A	58394	4492			0.0000		0.0000	4492
Alta Wind XI, LLC - Alta Wind XI, LLC	CA	W3538	62245A	58395	3053			0.0000		0.0000	3053
American Solar Greenworks, LLC - Sum	CA	W4524	61506A	58757	153			0.0000		0.0000	153
Antelope West Solar - Antelope West S	CA	W4322	61850A	56626	263			0.0000		0.0000	263
Antelope Solar Facility - Arkansas Sola	CA	W4480	61646A	P380	1608			0.0000		0.0000	1608
Arlington Valley Solar Energy II	AZ	W3543	60865A	57680	852			0.0000		0.0000	852
Arlington Valley Solar Energy II - Arlingt	AZ	W3545	60865A	57680	1561			0.0000		0.0000	1561
Arlington Valley Solar Energy II - Arlingt	AZ	W3339	60865A	57680	223			0.0000		0.0000	223
Arlington Valley Solar Energy II - Arlingt	AZ	W3544	60865A	57680	199			0.0000		0.0000	199
Bakersfield Solar - SKIC 20	CA		61588A	60481	207			0.0000		0.0000	207
Bayshore Solar A - Big Sky Solar 6	CA	W5731	63133A	60481	229			0.0000		0.0000	229

Bayshore Solar B - Big Sky Solar 7	CA	W5737	63134A	60474	224	224	0.0000	0.0000	224
Borden Solar Farm	CA	W10139	61829a	59531	1070	1070	0.0000	0.0000	1070
Blythe Solar II, LLC - Blythe Solar II, LLC	CA	W5072	61329A	60092	836	836	0.0000	0.0000	836
Blythe Solar II, LLC - Blythe Solar II, LLC	CA	W5073	61329A	60092	854	854	0.0000	0.0000	854
Blythe Solar II, LLC - Blythe Solar II, LLC	CA	W5222	61329A	60092	808	808	0.0000	0.0000	808
Blythe Solar II, LLC - Blythe Solar II, LLC	CA	W5248	61329A	60092	854	854	0.0000	0.0000	854
Bayshore Solar C - Big Sky Solar 8	CA	w5738	61635A	60475	205	205	0.0000	0.0000	205
Blackwell Solar - Blackwell Solar, LLC	CA	W4587	61892A	59524	145	145	0.0000	0.0000	145
Bowman Powerhouse	CA	W635	60171A	50546	8	8	0.0000	0.0000	8
Broadview Energy KW, LLC - BEKW	NM	W5278	62643A	60152	5225	5225	0.0000	0.0000	5225
Broadview Energy, JN LLC - BEJN	NM	W5277	63162A	60145	6594	6594	0.0000	0.0000	6594
CA Flats 150 - CA Flats 150	CA	W7112	63162A	60034	1592	1592	0.0000	0.0000	1592
California PV Energy at Junco - Califor	CA	W3924	62552A	59283	28	28	0.0000	0.0000	28
Callipatria Solar Farm I - Callipatria Solar	CA	W4778	63015A	59088	343	343	0.0000	0.0000	343
Cameron Ridge LLC (IV) - Cameron Rid	CA	W4757	60406A	10586	254	254	0.0000	0.0000	254
Campo Verde Solar Project - Campo Ve	CA	W3591	60652A	58467	2727	2727	0.0000	0.0000	2727
Cape Scott Wind - Cape Scott Wind	BC	W3959	60600A	653	653	653	0.0000	0.0000	653
Catalina Solar 2, LLC - Catalina Solar 2	BC	W4283	62428A	59334	551	551	0.0000	0.0000	551
Catalina Solar Phase 2 - Catalina Solar	CA	W3883	61590A	57708	476	476	0.0000	0.0000	476
CED Atwell Island West - CED Atwell Is	CA	W4691	62468A	59414	487	487	0.0000	0.0000	487
CED Corcoran Solar 2, LLC - CED Cor	CA	W4681	61820A	59413	537	537	0.0000	0.0000	537
CED Ducor Solar 1, LLC - CED Ducor S	CA	W5350	62882A	60078	321	321	0.0000	0.0000	321
CED Ducor Solar 2, LLC - CED Ducor S	CA	W5351	62881A	60079	324	324	0.0000	0.0000	324
CED Ducor Solar 3, LLC - CED Ducor S	CA	W5353	62884A	60080	365	365	0.0000	0.0000	365
CED Ducor Solar 4, LLC - CED Ducor S	CA	W5352	62883A	60081	482	482	0.0000	0.0000	482
CED Lost Hills Solar, LLC	CA	W7139	62516A	58712	35801	26194	0.0000	0.0000	26194
CED Wistaria Solar, LLC - Wistaria Ran	CA	W7130	62623A	61750	2460	2460	0.0000	0.0000	2460
Centinela Solar Energy - CSE - Blocks	CA	W3880	60637A	56430	513	513	0.0000	0.0000	513
Centinela Solar Energy - CSE - Block 2	CA	W4133	60837A	58430	658	658	0.0000	0.0000	658
Centinela Solar Energy - CSE - Block 1	CA	W3961	60837A	58430	877	877	0.0000	0.0000	877
Centinela Solar Energy - CSE - Block 1	CA	W3964	60837A	58430	1471	1471	0.0000	0.0000	1471
Centinela Solar Energy - CSE - Block 1	CA	W4011	60837A	58430	86	86	0.0000	0.0000	86
Centinela Solar Energy - CSE - Block 2	CA	W4132	60837A	58430	282	282	0.0000	0.0000	282
Centinela Solar Energy - CSE - Block 2	CA	W4134	60837A	58430	208	208	0.0000	0.0000	208
Centinela Solar Energy - CSE - Blocks	CA	W3805	60837A	58430	317	317	0.0000	0.0000	317
Central Antelope Dry Ranch C, LLC - C	CA	W5006	61324A	59963	489	489	0.0000	0.0000	489
Central Hydroelectric Corp. - Central Hy	CA	W532	60342A	10139	2889	2889	0.0000	0.0000	2889
CID Solar - Corcoran Irrigation District - Solar	CA	W4227	62285A	59183	227	227	0.0000	0.0000	227
Citizen Solar B, LLC - Citizen Solar B	CA	W4840	61488A	59738	40	40	0.0000	0.0000	40
Colgreen North Shore - Colgreen North	CA	W7283	61666A	60825	128865	128865	0.0000	0.0000	128865
Copper Mountain Solar 2 - CWS 2 (3)	NV	W3201	60990A	58017	369	369	0.0000	0.0000	369
Copper Mountain Solar 2 - CWS 2 (4)	NV	W4555	60990A	58017	370	370	0.0000	0.0000	370
Copper Mountain Solar 2 - CWS 2 (5)	NV	W4589	60990A	58017	305	305	0.0000	0.0000	305
Copper Mountain Solar 4 - Copper Mou	NV	W5023	62662A	59814	1974	1974	0.0000	0.0000	1974
Coronal Lost Hills, LLC - Coronal Lost H	CA	W4631	62235A	59638	427	427	0.0000	0.0000	427
CSolar IV South	CA	W3511	62278A	57490	170	170	0.0000	0.0000	170
CSolar IV South - ISEC South 1-3	CA	W3278	61657A	57490	456	456	0.0000	0.0000	456
CSolar IV South - ISEC South 13-15	CA	W3620	62278A	57490	369	369	0.0000	0.0000	369
CSolar IV South - ISEC South 4-6	CA	W3511	62278A	57490	1026	1026	0.0000	0.0000	1026
CSolar IV South - ISEC South 7-10	CA	W3531	62278A	57490	427	427	0.0000	0.0000	427
CSolar IV West	CA	W4844	62278A	57491	186	186	0.0000	0.0000	186
CSolar IV West - ISEC West 1	CA	W4446	63833A	57491	573	573	0.0000	0.0000	573
CSolar IV West - ISEC West 2	CA	W4664	62278A	57491	1533	1533	0.0000	0.0000	1533
CSolar IV West - ISEC West 3	CA	W4828	62278A	57491	295	295	0.0000	0.0000	295
CSolar IV West - ISEC West 4	CA	W4844	62278A	57491	872	872	0.0000	0.0000	872
Cuyama Solar - Cuyama Solar	CA	W5611	61891A	60043	337	337	0.0000	0.0000	337
Desert Green Solar Farm - Desert Gree	CA	W4365	62046A	57959	58	58	0.0000	0.0000	58
DG Solar Lessee II, LLC - E Philadelphia	CA	W4626	62721A	59916	14	14	0.0000	0.0000	14
Diablo Winds, LLC - Diablo Winds, LLC	CA	W762	60030A	56271	100	100	0.0000	0.0000	100
Dutch Flat #2 Powerhouse - Dutch Flat	CA	W488	60264A	413	73	73	0.0000	0.0000	73
El Cabo Wind - El Cabo Wind	NM	W5788	62786A	58098	10299	10299	0.0000	0.0000	10299
ESJ Wind - Energia Sierra Juarez Wind	BCN	W4627	60519A	P205	575	575	0.0000	0.0000	575
ESJ Wind - Energia Sierra Juarez Wind	BCN	W4337	60519A	P205	820	820	0.0000	0.0000	820
ESJ Wind - Energia Sierra Juarez Wind	BCN	W4620	60519A	P205	452	452	0.0000	0.0000	452
ESJ Wind - Energia Sierra Juarez Wind	BCN	W4673	60519A	P205	1949	1949	0.0000	0.0000	1949
Freeway Springs, LLC - Freeway Spring	CA	W5385	63031A	60183	29	29	0.0000	0.0000	29

FTS Master Tenant 1, LLC - A - FTS M Solar	CA	W4180	61318A	56761	53				0.0000			0.0000	53
FTS Master Tenant 1, LLC - B - FTS M Solar	CA	W4181	61319A	56762	47				0.0000			0.0000	47
Garnet Solar Power Generation Station Solar	CA	W4506	61182A	56528	129				0.0000			0.0000	129
Gates Solar Station - Gates Solar Static Solar	CA	W3477	62353A	57892	160				0.0000			0.0000	160
Geysers Power Plant - Adlin Power Plant Geothermal	CA	W484	60115A	52158	679				0.0432	29		0.0000	679
Geysers Power Plant - Calistoga Power Geothermal	CA	W486	60115A	50066	1513				0.0432	65		0.0000	1513
Golden Solar, LLC - Dulles - Golden Solar	CA	W5227	61624A	60182	21				0.0000			0.0000	21
Golden Springs Building F, LLC - Goldie Solar	CA	W5479	60632A	60151	21				0.0000			0.0000	21
Golden Springs Development Company Solar	CA	W4609	62745A	56913	22				0.0000			0.0000	22
Golden Springs Development Company Solar	CA	W4610	62746A	56912	23				0.0000			0.0000	23
Golden Springs Development Company Solar	CA	W5480	63033A	60153	19				0.0000			0.0000	19
Golden Springs Development Company Solar	CA	W5481	63034A	60154	9				0.0000			0.0000	9
Great Valley Solar 3, LLC - RE Tranquil Solar	CA	W5866	63281A	59940	495				0.0000			0.0000	495
Guernsey Solar Station - Guernsey Solar	CA	W3476	62354A	57891	114				0.0000			0.0000	114
Hennietta Solar Plant - Parrey, LLC Solar	CA	W5056	61841A	56975	1099				0.0000			0.0000	1099
Highlander Solar 1, LLC - Highlander Solar	CA	W3663	51157A	62655	371				0.0000			0.0000	371
Highlander Solar 2, LLC - Highlander Solar	CA	W3664	51158A	62655	275				0.0000			0.0000	275
Imperial Valley Solar 3, LLC - Mount Sig Solar	CA	W7036	61649A	56917	5628				0.0000			0.0000	5628
Imperial Valley Solar, LLC - Imperial Valley Solar	CA	W3592	61292A	56062	1152				0.0000			0.0000	1152
Imperial Valley Solar, LLC - Imperial Valley Solar	CA	W3931	61292A	56062	2953				0.0000			0.0000	2953
Jacumba Solar, LLC - Jacumba Solar F Solar	CA	W5601	63057A	60947	452				0.0000			0.0000	452
Kansas - Kansas	CA	W4192	61263A	56985	181				0.0000			0.0000	181
Kent South - Kent South	CA	W4193	61262a	56991	223				0.0000			0.0000	223
Lancaster Dry Farm Ranch B, LLC - Lai Solar	CA	W4418	61315a	56750	119				0.0000			0.0000	119
Lancaster Little Rock C LLC - Lancaster Solar	CA	W4492	61311A	59262	33				0.0000			0.0000	33
Lone Valley Solar Park I LLC - Lone Va Solar	CA	W4427	61458A	56417	271				0.0000			0.0000	271
Lone Valley Solar Park II, LLC - Lone Valley Solar	CA	W4428	61452A	59237	563				0.0000			0.0000	563
Longboat Solar, LLC - Longboat Solar	CA	W5306	62805A	60485	391				0.0000			0.0000	391
Lost Hills - Lost Hills Solar, LLC Solar	CA	W4586	61893A	56712	258				0.0000			0.0000	258
Mammoth Pacific L. P. (MPF) - Mammoth Geothermal	CA	W417	60306A	10480	301				0.0757	23		0.0000	301
Mammoth Pacific L. P. I (PLES) - Mammoth Geothermal	CA	W416	60315A	10479	520				0.0757	39		0.0000	520
Maricopa West Solar PV - Maricopa West Solar	CA	W4712	61665A	59607	482				0.0000			0.0000	482
Master Development - Corona, CA 135 Solar	CA	W3497	61735A	P306	9				0.0000			0.0000	9
McCoy Solar, LLC - Genesis McCoy Solar	CA	W4935	62091A	58462	1315				0.0000			0.0000	1315
McCoy Solar, LLC - Genesis McCoy Solar	CA	W4936	62091A	58462	657				0.0000			0.0000	657
McCoy Solar, LLC - Genesis McCoy Solar	CA	W5016	62091A	58462	604				0.0000			0.0000	604
McCoy Solar, LLC - Genesis McCoy Solar	CA	W4763	62091A	58462	987				0.0000			0.0000	987
McCoy Solar, LLC - Genesis McCoy Solar	CA	W4826	62091A	58462	987				0.0000			0.0000	987
McCoy Solar, LLC - Genesis McCoy Solar	CA	W4827	62091A	58462	846				0.0000			0.0000	846
McCoy Solar, LLC - Genesis McCoy Solar	CA	W4879	62091A	58462	1315				0.0000			0.0000	1315
McCoy Solar, LLC - Genesis McCoy Solar	CA	W4630	62091A	58462	1146				0.0000			0.0000	1146
Mesquite Solar 1 (10) - Mesquite Solar	CA	W3205	60966A	57707	186				0.0000			0.0000	186
Mesquite Solar 2, LLC - Mesquite Solar	CA	W5299	60966A	60307	2543				0.0000			0.0000	2543
Michael E. Bowler Memorial Solar Farm Solar	CA	W3963	61755A	58616	179				0.0000			0.0000	179
Midway Solar Farm I - Midway Solar Farm Solar	CA	W5367	61295A	60336	610				0.0000			0.0000	610
Midway Solar Farm III - Midway Solar Farm Solar	CA	W5920	61296A	60315	774				0.0000			0.0000	774
MM San Diego - Miramar - MM San Die Biomass & Biogas	CA	W424	60481A	56232	1590				0.5555	883		0.5555	1590
Mound Solar Partnership XI, LLC - Antle Solar	CA	W5744	63713A	60085	45				0.0000			0.0000	45
Mount Signal Solar Farm II - Mount Signal Solar	CA	W7762	61648A	61353	3831				0.0000			0.0000	3831
Nevada Irrigation District - Bowman Hydroelectric	CA	W635	60171A	50546	43				0.0000			0.0000	43
Nicolls, LLC - Nicolls Solar PV Plant	CA	W5131	61667A	59600	578				0.0000			0.0000	578
North Lancaster Ranch, LLC - North Lancaster Solar	CA	W5386	61583A	59962	546				0.0000			0.0000	546
North Palm Springs 4A - North Palm Springs Solar	CA	W3230	61197A	57722	122				0.0000			0.0000	122
North Rosamond Solar, LLC - North Rosamond Solar	CA	W7426	62290A	59879	3603				0.0000			0.0000	3603
North Sky River - North Sky River - Phal Wind	CA	W3206	61385A	56154	2307				0.0000			0.0000	2307
North Star Solar - North Star Solar, LLC Solar	CA	W4629	61198A	56713	1065				0.0000			0.0000	1065
Northwind - Wind Stream Operations, LLC Wind	CA	W505	60420A	P327	5947				0.0000			0.0000	5947
NRG Solar Oasis LLC - Oasis Solar	CA	W4700	62514A	59528	543				0.0000			0.0000	543
Ocotillo - Ocotillo Express LLC Wind	CA	W3259	61400A	57514	1365				0.0000			0.0000	1365
Ocotillo 2 - Ocotillo Express LLC Wind	CA	W3692	61400A	57514	3581				0.0000			0.0000	3581
Old River One - Old River One Solar	CA	W4194	60853A	56986	175				0.0000			0.0000	175
Oltmans SCE at Champagne - California Solar	CA	W3923	62292A	56581	18				0.0000			0.0000	18
Orion Solar I - Orion Solar I, LLC Solar	CA	W3981	61570A	56718	150				0.0000			0.0000	150
Orion Solar II, LLC - Orion Solar II, LLC Solar	CA	W4186	61571A	56721	216				0.0000			0.0000	216
Panoche Valley Solar - Panoche Valley Solar	CA	W5851	60858A	57340	1155				0.0000			0.0000	1155
Panoche Valley Solar - Panoche Valley Solar	CA	W7275	60858A	57340	810				0.0000			0.0000	810

Panoche Valley Solar - Phase 2	CA	W7186	60658A	57340	643					643			0.0000		0.0000	643
Park Meridian 1 - Kona Solar, LLC - Pat Solar	CA	W4577	62502A	59539	24					24			0.0000		0.0000	24
Phoenix - Phoenix	CA	W4426	62898A	264	399					399			0.0000		0.0000	399
Portal Ridge Solar B, LLC - Portal Ridge Solar	CA	W5546	62835A	60310	438					438			0.0000		0.0000	438
Portal Ridge Solar C - Portal Ridge Solar	CA	W5211	61684A	60311	124					124			0.0000		0.0000	124
Pumpjack Solar - Pumpjack Solar	CA	W4413	61368A	59322	484					484			0.0000		0.0000	484
Ramona Solar Energy - SDG&E UOG Solar	CA	W5645	63612A	60995	29					29			0.0000		0.0000	29
Ramona Solar Facility - Sol Orchard Solar	CA	W3863	61840A	58909	73					73			0.0000		0.0000	73
Ramona Solar Facility - Sol Orchard Solar	CA	W3864	62435A	58911	73					73			0.0000		0.0000	73
Rancho Cucamonga Distribution Center Solar	CA	W4579	62498A	59540	28					28			0.0000		0.0000	28
RE Adams East, LLC - RE Adams East Solar	CA	W4344	61266A	58984	446					446			0.0000		0.0000	446
RE Astoria 1 - RE Astoria 1 Solar	CA	W4930	62284A	59976	922					922			0.0000		0.0000	922
RE Columbia 3 LLC - RE Columbia 3 LLC Solar	CA	W3898	61162A	58502	351					351			0.0000		0.0000	351
RE Garland - Garland Solar	CA	W5001	68717A	60233	4554					4554			0.0000		0.0000	4554
RE Garland A - Garland A Solar	CA	W5005	62818A	60386	544					544			0.0000		0.0000	544
RE Tranquility - RE Tranquility Solar	CA	W4898	61269A	59939	4691					4691			0.0000		0.0000	4691
Regulus Solar, LLC - Regulus Solar, LLC Solar	CA	W4387	61428A	57650	2253					2253			0.0000		0.0000	2253
Rio Bravo Solar I - Rio Bravo Solar I Solar	CA	W5346	61369A	59249	490					490			0.0000		0.0000	490
Rio Bravo Solar II - Rio Bravo Solar II Solar	CA	W5371	62716A	59250	476					476			0.0000		0.0000	476
Rising Tree Wind Farm II LLC - Rising Tree Wind	CA	W4445	62426A	59235	289					289			0.0000		0.0000	289
Rising Tree Wind Farm III LLC - Rising Tree Wind	CA	W4612	62469A	59236	3018					3018			0.0000		0.0000	3018
Rising Tree Wind Farm LLC - Rising Tree Wind	CA	W4444	62425A	57621	2615					2615			0.0000		0.0000	2615
Rollins Powerhouse - Rollins Powerhouse Eligible Hydroelectric	CA	W699	60265A	34	189					189			0.0000		0.0000	189
San Geronimo Westwinds II, LLC - San Wind	CA	W518	60393A	50690	211					211			0.0000		0.0000	211
San Marcos Energy LLC - San Marcos Biomass & Biogas	CA	W707	60435A	58590	257					257			0.0000		0.0000	257
SC&E - Cascade Solar	CA	W3862	60850A	58590	496					496			0.0000		0.0000	496
Second Imperial Geothermal - OEG 8 - Geothermal	CA	W792	60682A	54689	3255					3255	246		0.0757		0.0000	3255
Second Imperial Geothermal - OEG-7 - Geothermal	CA	W793	60573A	54111	3256					3256			0.0000		0.0000	3256
SEPV Mojave West, LLC - SEPV Mojave Solar	CA	W5047	61156A	59740	564					564			0.0000		0.0000	564
SEPV Palmdale East, LLC - SEPV Palmdale Solar	CA	W4713	61154A	59273	265					265			0.0000		0.0000	265
Seville Solar One - Seville Solar One Solar	CA	W4650	62562A	59722	497					497			0.0000		0.0000	497
Shafter Solar, LLC - Shafter Solar, LLC Solar	CA	W4680	62325A	59408	76					76			0.0000		0.0000	76
Shiloh Wind Project 2, LLC - Shiloh Wind Wind	CA	W811	60639A	56874	3009					3009			0.0000		0.0000	3009
Sierra Pacific Burney Facility - Sierra Pacific Biomass & Biogas	CA	W667	60087A	50110	349					349			0.4729	165	0.0092	349
Sierra Pacific Ind. (Lincoln) - Sierra Pacific Biomass & Biogas	CA	W668	60089A	10144	262					262			0.0113	129	0.0428	262
Sierra Pacific Ind. (Quincy) - Sierra Pacific Biomass & Biogas	CA	W669	60089A	10112	755					755			2.3575	1780	0.0499	755
Sierra Pacific Sonora - Sierra Pacific Solar Biomass & Biogas	CA	W852	60576A	54517	92					92			3.6356	334	0.0784	92
Sierra Solar Greenworks - Sierra Solar Greenworks	CA	W4811	61344A	59431	580					580			0.0000		0.0000	580
Silver State Solar Power South, Block 2 Solar	NV	W4876	61050A	58644	1930					1930			0.0000		0.0000	1930
Silver State Solar Power South, LLC - Solar	NV	W4829	61050A	58644	781					781			0.0000		0.0000	781
Silver State Solar Power South, LLC - Solar	NV	W4878	61050A	58644	1057					1057			0.0000		0.0000	1057
Silver State Solar Power South, LLC - Solar	NV	W4947	61050A	58644	1037					1037			0.0000		0.0000	1037
Silver State Solar Power South, LLC - Solar	NV	W4966	61050A	58644	827					827			0.0000		0.0000	827
Silver State Solar Power South, LLC - Solar	NV	W5063	61050A	58644	1749					1749			0.0000		0.0000	1749
Silver State Solar Power South, LLC - Solar	NV	W5064	61050A	58644	30					30			0.0000		0.0000	30
Solar Star California XIII, LLC - Quinto Solar	CA	W4825	61362A	58388	3022					3022			0.0000		0.0000	3022
Solar Star California XIX, LLC - AVS1 Solar	CA	W4641	61363A	58388	2235					2235			0.0000		0.0000	2235
Solar Star California XIX, LLC - AVS1 Solar	CA	W4562	61363A	58388	2235					2235			0.0000		0.0000	2235
Solar Star California XIX, LLC - AVS1 Solar	CA	W4383	61363A	58388	2422					2422			0.0000		0.0000	2422
Solar Star California XIX, LLC - AVS1 Solar	CA	W4678	61363A	58388	1035					1035			0.0000		0.0000	1035
Solar Star California XIX, LLC - AVS1 Solar	CA	W4064	61363A	58388	1573					1573			0.0000		0.0000	1573
Solar Star California XIX, LLC - AVS1 Solar	CA	W4392	61363A	58388	621					621			0.0000		0.0000	621
Solar Star California XIX, LLC - AVS1 Solar	CA	W4099	61363A	58388	2712					2712			0.0000		0.0000	2712
Solar Star California XX, LLC - AVS2 Solar	CA	W4243	61364A	58389	1840					1840			0.0000		0.0000	1840
Solar Star California XX, LLC - AVS2 Solar	CA	W4457	61364A	58389	1703					1703			0.0000		0.0000	1703
Solar Star California XX, LLC - AVS2 Solar	CA	W4458	61364A	58389	1473					1473			0.0000		0.0000	1473
Solar Star California XX, LLC - AVS2 Solar	CA	W4679	61364A	58389	1243					1243			0.0000		0.0000	1243
Solar Star California XX, LLC - AVS2 Solar	CA	W4065	61364A	58389	1166					1166			0.0000		0.0000	1166
Solar Star California XX, LLC - AVS2 Solar	CA	W4100	61364A	58389	1043					1043			0.0000		0.0000	1043
Sonoma Central Landfill Phase III - Sonoma Biomass & Biogas	CA	W7035	60097A	58389	11					11			0.0000		0.0000	11
Sonoma Solar Facility - Sonoma Solar Facility	CA	W4481	61646A	58578	1010					1010			0.0000		0.0000	1010
SPI Anderson 2 - SPI Anderson 2 Biomass & Biogas	CA	W4674	61146A	59658	474					474			0.3893	185	0.0105	474
Sun Streams, LLC - Sun Streams, LLC Solar	AZ	W8859	62673A	60827	3865					3865			0.0000		0.0000	3865
SunE Solar XVI Lessor, LLC - Hesperia Solar	CA	W4261	62236A	60032	35					35			0.0000		0.0000	35
SunE Solar XVII Lessor, LLC - SunE - P Solar	CA	W4804	62725A	P304	14					14			0.0000		0.0000	14
SunE Solar XVI Lessor, LLC - SunE - R Solar	CA	W5219	62719A	60032	7					7			0.0000		0.0000	7

Sunray 2-SEGS II - Sunray 2-SEGS II	CA	W466	62694A	10437	271				0.0000		0.0000	271
Sunray Energy 3, LLC - Sunray Energy	CA	W465	62694A	10438	341				0.0000		0.0000	341
Sunshine Valley Solar - Sunshine Valley	NV	W8128	62712A	59826	2407				0.0000		0.0000	2407
Sycamore Energy 1 LLC - Sycamore Energy	CA	W730	60011A	10387	47				1.1150	52	0.0057	47
Terra Francisco 1 - Kona Solar, LLC - Solar	CA	W4578	62503A	59541	20				0.0000		0.0000	20
TKO Power (South Bear Creek) - TKO	CA	W686	60187A	68					0.0000		0.0000	68
Tropico, LLC - Tropico Solar PV Plant	CA	W5132	61700A	59599	401				0.0000		0.0000	401
Tule Wind, LLC - Tule Wind, LLC	CA	W5902	63271A	57913	2919				0.0000		0.0000	2919
Valentine Solar, LLC - Valentine Solar	CA	W6806	63026A	62288	2658				0.0000		0.0000	2658
Valley Center Solar Facility - Sol Orchard	CA	W3865	61839A	58906	21				0.0000		0.0000	21
Valley Center Solar Facility - Sol Orchard	CA	W3866	62436A	58907	78				0.0000		0.0000	78
Vega Solar, LLC - Vega Solar, LLC	CA	W4543	61942A	59555	582				0.0000		0.0000	582
Victor Dry Farm Ranch A LLC - Victor Dry Farm Ranch A	CA	W4574	61332A	58418	147				0.0000		0.0000	147
Victor Dry Farm Ranch B LLC - Victor Dry Farm Ranch B	CA	W4573	61331A	58419	145				0.0000		0.0000	145
Victory Garden #1 (Tehachapi) - Wind	CA	W499	60381A	50532	2972				0.0000		0.0000	2972
Victory Garden# 2 (Tehachapi) - Wind	CA	W500	60382A	50532	2838				0.0000		0.0000	2838
Victory Garden# 3 (Tehachapi) - Wind	CA	W501	60383A	50532	4625				0.0000		0.0000	4625
Victory Garden# 4 (Tehachapi) - Wind	CA	W502	60384A	50532	9411	100			0.0000		0.0000	9311
Voyager Wind 4 - Voyager Wind 4	CA	W7269	60384A	61584	2576				0.0000		0.0000	2576
Voyager Wind 1 - Voyager Wind 1	CA	W8807	63262A	60594	3611				0.0000		0.0000	3611
West Gates Solar Station - West Gates	CA	W3478	62352A	58206	97				0.0000		0.0000	97
Western Antelope Blue Sky Ranch A - Western Antelope Blue Sky Ranch A	CA	W4264	61517A	58626	226				0.0000		0.0000	226
Wildwood Solar - Wildwood Solar	CA	W4414	61367A	59380	437				0.0000		0.0000	437
Wildwood Solar II - Wildwood Solar II	CA	W5374	62418A	59253	361				0.0000		0.0000	361
Willow Springs 2 - Willow Springs 2	CA	W7213	62286A	60324	2178				0.0000		0.0000	2178
Zephyr Park - Zephyr Park 2	CA	W495	60374A	50754	5				0.0000		0.0000	5
Pike Solar	CO	W16410	65379A	64212	12000	Yes			0.0000		0.0000	12000
Grand View 2 West - Grand View 2 West	ID	W5070	61595A	60068	34136	Yes			0.0000		0.0000	34136
Rockland Wind Farm - Rockland Wind Farm	ID	W2445	61107A	57786	165660	Yes			0.0000		0.0000	165660
Tucannon River Wind Farm - Tucannon River Wind Farm	WA	W4483	63027A	58571	30000	Yes			0.0000		0.0000	30000
A. G. Wishon Powerhouse	CA	W344	60032A	293	58				0.0000		0.0000	58
A. G. Wishon Powerhouse - A. G. Wishon Powerhouse	CA	W344	60032A	293	131				0.0000		0.0000	131
Agua Caliente Solar - Block 1	AZ	W2427	60894A	57373	611				0.0000		0.0000	611
Agua Caliente Solar - Block 2	AZ	W2576	60894A	57373	611				0.0000		0.0000	611
Agua Caliente Solar - Block 3	AZ	W2668	60894A	57373	611				0.0000		0.0000	611
Agua Caliente Solar - Block 4	AZ	W2782	60894A	57373	437				0.0000		0.0000	437
Agua Caliente Solar - Block 5	AZ	W2812	60894A	57373	616				0.0000		0.0000	616
Agua Caliente Solar - Block 9	AZ	W2838	60894A	57373	513				0.0000		0.0000	513
Agua Caliente Solar - Block 10	AZ	W2844	60894A	57373	616				0.0000		0.0000	616
Agua Caliente Solar - Block 11	AZ	W2925	60894A	57373	616				0.0000		0.0000	616
Agua Caliente Solar - Block 12	AZ	W3240	60894A	57373	513				0.0000		0.0000	513
Agua Caliente Solar - Block 6	AZ	W3621	60894A	57373	513				0.0000		0.0000	513
Agua Caliente Solar - Block 7	AZ	W3829	60894A	57373	513				0.0000		0.0000	513
Agua Caliente Solar - Block 8	AZ	W3953	60894A	57373	231				0.0000		0.0000	231
Alta Powerhouse - Alta Powerhouse	CA	W335	60033A	214	14				0.0000		0.0000	14
Alta Wind I - Alta Wind I	CA	W1727	60794A	57282	6719				0.0000		0.0000	6719
Alta Wind II - Alta Wind II	CA	W1841	60795A	57291	5636				0.0000		0.0000	5636
Alta Wind III - Alta Wind III	CA	W1842	61092A	57292	5614				0.0000		0.0000	5614
Alta Wind IV - Alta Wind IV	CA	W2013	61093A	57293	2990				0.0000		0.0000	2990
Alta Wind IX - Alta 9	CA	W2904	61808A	P346	3419				0.0000		0.0000	3419
Alta Wind V - Alta Wind V	CA	W2068	61094A	57294	4457				0.0000		0.0000	4457
Alta Wind VII - Alta 7	CA	W2905	61807A	P345	4497				0.0000		0.0000	4497
Alta Wind VIII - Alta Wind VIII	CA	W2483	61288A	57835	3254				0.0000		0.0000	3254
Atwell Island - Atwell Island PV Solar	CA	W3159	60947A	59414	268				0.0000		0.0000	268
AV Solar Ranch 1, LLC - Antelope Solar	CA	W3474	60790A	57378	717				0.0000		0.0000	717
AV Solar Ranch 1, LLC - AVSR1 - Ante Solar	CA	W4141	60790A	57378	1158				0.0000		0.0000	1158
AV Solar Ranch 1, LLC - AVSR1 - Ante Solar	CA	W2803	60790A	57378	690				0.0000		0.0000	690
AV Solar Ranch 1, LLC - AVSR1 - Ante Solar	CA	W3274	60790A	57378	544				0.0000		0.0000	544
AV Solar Ranch 1, LLC - AVSR1 - Ante Solar	CA	W3275	60790A	57378	489				0.0000		0.0000	489
AV Solar Ranch 1, LLC - AVSR1 - Ante Solar	CA	W3280	60790A	57378	402				0.0000		0.0000	402
AV Solar Ranch 1, LLC - AVSR1 - Ante Solar	CA	W3289	60790A	57378	1296				0.0000		0.0000	1296
Avenal Park - Avenal Park LLC	CA	W2074	60912A	57359	99				0.0000		0.0000	99
Big Creek Hydro Project - Big Creek Hydro Project	CA	W1586	60900A	10282	114				0.0000		0.0000	114
Bishop Creek 2 - Bishop Creek 2	CA	W320	60444A	323	86				0.0000		0.0000	86
Bishop Creek 2 - Bishop Creek 2 - Unit	CA	W544	60444A	323	86				0.0000		0.0000	86
Bishop Creek 2 - Bishop Creek 2 - Unit	CA	W545	60444A	323	80				0.0000		0.0000	80



Bishop Creek 3 - Bishop Creek 3	CA	W321	60446A	324	314				0.0000		0.0000	314
Bishop Creek 4 - Bishop Creek 4	CA	W322	60447A	325	76				0.0000		0.0000	76
Bishop Creek 4 - Bishop Creek 4 - Unit	CA	W548	60447A	325	76				0.0000		0.0000	76
Bishop Creek 4 - Bishop Creek 4 - Unit	CA	W549	60447A	325	150				0.0000		0.0000	150
Bishop Creek 4 - Bishop Creek 4 - Unit	CA	W550	60447A	325	166				0.0000		0.0000	166
Bishop Creek 4 - Bishop Creek 4 - Unit	CA	W551	60447A	325	150				0.0000		0.0000	150
Bishop Creek 5 - Bishop Creek 5	CA	W323	60447A	326	93				0.0000		0.0000	93
Bishop Creek 5 - Bishop Creek 5 - Unit	CA	W552	60448A	326	118				0.0000		0.0000	118
Bishop Creek 6 - Bishop Creek 6	CA	W324	60449A	327	162				0.0000		0.0000	162
Blackspring Ridge 1A - Blackspring Ridge	AB	W3978	60987A	P200	3536				0.0000		0.0000	3536
Blackspring Ridge 1B - Blackspring Ridge	AB	W3979	60988A	P201	3845				0.0000		0.0000	3845
California Valley Solar Ranch - Block1	CA	W2847	60603A	57439	527				0.0000		0.0000	527
California Valley Solar Ranch - Block2	CA	W3106	60603A	57439	1567				0.0000		0.0000	1567
California Valley Solar Ranch - Block3	CA	W3111	60603A	57439	2985				0.0000		0.0000	2985
California Valley Solar Ranch - Block4	CA	W3187	60603A	57439	632				0.0000		0.0000	632
CalRENEW-1 - CalRENEW-1	CA	W1519	60475A	56768	7				0.0000		0.0000	7
CED Corcoran - CED Corcoran	CA	W3408	60948A	60450	278				0.0000		0.0000	278
CED White River Solar - CED White River	CA	W3406	60949A	58373	357				0.0000		0.0000	357
CM10 - CM10	NV	W883	60713A	56944	175				0.0000		0.0000	175
CM48 - CM48	NV	W1460	60786A	57205	920				0.0000		0.0000	920
Coleman Powerhouse - Coleman Power	CA	W347	60037A	227	233				0.0000		0.0000	233
Crane Valley Powerhouse - Crane Valley	CA	W349	60039A	230	9				0.0000		0.0000	9
De Sabla Powerhouse - De Sabla Power	CA	W351	60041A	232	222				0.0000		0.0000	222
Desert Stateline LLC - Stateline Solar	CA	W4849	60936A	58646	1228				0.0000		0.0000	1228
Desert Stateline LLC - Stateline Solar	CA	W4881	60936A	58646	1228				0.0000		0.0000	1228
Desert Stateline LLC - Stateline Solar	CA	W4882	60936A	58646	1106				0.0000		0.0000	1106
Desert Stateline LLC - Stateline Solar	CA	W4914	60936A	58646	1228				0.0000		0.0000	1228
Desert Stateline LLC - Stateline Solar	CA	W4946	60936A	58646	1228				0.0000		0.0000	1228
Desert Stateline LLC - Stateline Solar	CA	W4965	60936A	58646	1229				0.0000		0.0000	1229
Desert Stateline LLC - Stateline Solar	CA	W5021	60936A	58646	808				0.0000		0.0000	808
Desert Stateline LLC - Stateline Solar	CA	W5067	60936A	58646	421				0.0000		0.0000	421
Desert Stateline LLC - Stateline Solar	CA	W5068	60936A	58646	1105				0.0000		0.0000	1105
Desert Stateline LLC - Stateline Solar	CA	W3965	60940A	58542	1413				0.0000		0.0000	1413
Desert Sunlight 250 - Desert Sunlight 250	CA	W3966	60940A	58542	1413				0.0000		0.0000	1413
Desert Sunlight 250 - Desert Sunlight 250	CA	W4097	60940A	58542	957				0.0000		0.0000	957
Desert Sunlight 250 - Desert Sunlight 250	CA	W4098	60940A	58542	501				0.0000		0.0000	501
Desert Sunlight 250 - Desert Sunlight 250	CA	W4189	60940A	58542	1048				0.0000		0.0000	1048
Desert Sunlight 250 - Desert Sunlight 250	CA	W4453	60940A	58542	911				0.0000		0.0000	911
Desert Sunlight 250 - Desert Sunlight 250	CA	W3884	60940A	58542	2779				0.0000		0.0000	2779
DESERT SUNLIGHT 300, LLC - DSL-B	CA	W3793	61068A	57993	2601				0.0000		0.0000	2601
DESERT SUNLIGHT 300, LLC - DSL-B	CA	W3798	61068A	57993	852				0.0000		0.0000	852
DESERT SUNLIGHT 300, LLC - DSL-B	CA	W3800	61068A	57993	411				0.0000		0.0000	411
DESERT SUNLIGHT 300, LLC - DSL-B	CA	W3801	61068A	57993	340				0.0000		0.0000	340
DESERT SUNLIGHT 300, LLC - DSL-B	CA	W3783	61068A	57993	852				0.0000		0.0000	852
Dillon - Dillon Wind LLC	CA	W1728	60942A	56791	2215				0.0000		0.0000	2215
Dutch Flat No. 1 Powerhouse - Dutch Flat	CA	W352	60042A	237	337				0.0000		0.0000	337
Fontana - Fontana	CA	W326	60451A	332	134				0.0000		0.0000	134
FPL Energy Montezuma Wind - FPL Energy	CA	W1745	60543A	57201	687				0.0000		0.0000	687
GENESIS SOLAR, LLC - SGN-1	CA	W3790	60605A	57394	2893				0.0000		0.0000	2893
GENESIS SOLAR, LLC - SGN2	CA	W3791	60605A	57394	2986				0.0000		0.0000	2986
Glacier Wind 2 - Glacier Wind 2	CA	W1318	60709A	57050	2131				0.0000		0.0000	2131
Goshen Phase II, LLC - Goshen Phase	CA	W1740	60691A	57211	5709				0.0000		0.0000	5709
Halkirk I Wind Facility - Halkirk I Wind	AB	W2900	60989A	P208	3308				0.0000		0.0000	3308
Halsey Powerhouse - Halsey Powerhouse	CA	W353	60043A	241	84				0.0000		0.0000	84
Hat Creek No. 1 Powerhouse - Hat Creek	CA	W355	60045A	243	236				0.0000		0.0000	236
Hat Creek No. 2 Powerhouse - Hat Creek	CA	W356	60046A	244	241				0.0000		0.0000	241
Hatchet Ridge - Hatchet Ridge	CA	W1600	60741A	56654	2613				0.0000		0.0000	2613
Horseshoe Bend Wind, LLC - Horseshoe	OR	W2067	61669A	57550	9418				0.0000		0.0000	9418
Ivanpah - Unit 1	CA	W3189	62273A	57073	1783				0.0894	159	0.0894	1783
Ivanpah - Unit 3	CA	W3190	62275A	57075	2499				0.0894	223	0.0894	2499
Kaweah 2 - Kaweah 2	CA	W328	60453A	336	20				0.0000		0.0000	20
Kern River 1 - Kern River 1	CA	W330	60455A	340	2945				0.0000		0.0000	2945
Lundy - Lundy	CA	W331	60456A	342	56				0.0000		0.0000	56
Lundy - Lundy - Unit 2	CA	W560	60456A	342	56				0.0000		0.0000	56
Lytle Creek - Lytle Creek	CA	W391	60457A	P348	30				0.0000		0.0000	30
Mill Creek 3 - Mill Creek 3 - Unit 3	CA	W332	60459A	7147	55				0.0000		0.0000	55

Mill Creek 3 - Mill Creek 3 - Unit 4	CA	W555	60459A	7147	55	55				0.0000		0.0000	55
Mill Creek 3 - Mill Creek 3 - Unit 5	CA	W556	60459A	7147	55	55				0.0000		0.0000	55
Mojave Solar Project - Mojave Solar Project	CA	W4285	60848A	57331	3065	3065				0.0000		0.0000	3065
Mojave Solar Project - Mojave Solar Project	CA	W4285	60848A	57331	3065	3065				0.0000		0.0000	3065
Mountain View Power Partners IV	CA	W2519	60487A	57459	2851	2851				0.0000		0.0000	2851
Mt. Poso Cogeneration Facility - MTNP	CA	W1091	60895A	54626	1751	1751			1911	0.0313		0.0000	1751
Mustang Hills, LLC - Mustang Hills, LLC Wind	CA	W2482	61287A	57833	4452	4452				0.0000		0.0000	4452
Newcastle Powerhouse - Newcastle Powerhouse	CA	W364	60653A	632	52	52			213	0.8125		0.0000	52
North Bradley Project - OEC 5 - North Bradley	CA	W865	60640A	56832	262	262				0.0000		0.0000	262
North Hurlburt Wind, LLC - North Hurlburt Wind	OR	W2065	60606A	57526	9582	9582				0.0000		0.0000	9582
Ontario 1 - Ontario 1	AB	W393	60460A	p350	40	40				0.0000		0.0000	40
Ontario 2 - Ontario 2	CA	W394	60461A	P351	19	19				0.0000		0.0000	19
Ormat Dixie Valley, LLC - Ormat Dixie Valley	NV	W334	60313A	52015	4821	4821			117	0.0242		0.0000	4821
Ormat Dixie Valley, LLC - Ormat Dixie Valley	NV	W7146	60313A	52015	4821	4821			11	0.0242		0.0000	4821
Phoenix Powerhouse - Phoenix Powerhouse	NV	W366	60054A	284	76	76				0.0000		0.0000	76
Poole - Poole	CA	W338	60462A	353	353	353				0.0000		0.0000	353
Portal - Portal	CA	W339	60463A	354	292	292				0.0000		0.0000	292
Porterville - SPVP042 - Porterville - SPVP	CA	W1977	61241A	117	118	118			54	0.4542		0.0000	118
Potrero Hills Energy Producers - Potrero Hills	CA	W4867	63116A	59952	472	472			266	0.5638		0.0000	472
RE Rio Grande, LLC - RE Rio Grande, LLC	CA	W3896	60823A	56500	169	169				0.0000		0.0000	169
RE Rosamond Two LLC - RE Rosamond Two	CA	W3899	60856A	58439	746	746				0.0000		0.0000	746
RE Victor Phelan Solar One LLC - RE Victor	CA	W3897	60838A	58202	691	691				0.0000		0.0000	691
Rim Rock - Rim Rock Energy	MT	W2898	60874A	57995	5558	5558				0.0000		0.0000	5558
Rock Creek - Rock Creek Unit 1	CA	W2643	62269A	275	239	239				0.0000		0.0000	239
Rock Creek - Rock Creek Unit 2	CA	W2644	62269A	10809	270	270				0.0000		0.0000	270
Rush Creek - Rush Creek	CA	W340	60464A	357	298	298				0.0000		0.0000	298
Rush Creek - Rush Creek - Unit 2	CA	W557	60464A	357	366	366				0.0000		0.0000	366
San Joaquin No. 1-A Powerhouse - San Joaquin	CA	W345	60056	278	3	3				0.0000		0.0000	3
Sand Drag - Sand Drag LLC	CA	W2072	60914	57361	278	278				0.0000		0.0000	278
Shiloh Wind Project 2, LLC - Shiloh Wind Project	CA	W811	60639	56874	3830	3830				0.0000		0.0000	3830
Sierra - Sierra	CA	W390	60467A	P352	39	39				0.0000		0.0000	39
Solar Alpine LLC - Solar Alpine LLC	CA	W2872	60755	57295	956	956				0.0000		0.0000	956
Solar Blythe LLC - Solar Blythe LLC	CA	W1386	60655A	56939	645	645				0.0000		0.0000	645
Solar Partners I, LLC - Ivanpah 2	CA	W4025	62274A	57074	4153	4153			371	0.0894		0.0894	4153
South Hurlburt Wind, LLC - South Hurlburt Wind	OR	W2066	61668A	57549	9584	9584				0.0000		0.0000	9584
Spaulding No. 1 Powerhouse - Spaulding No. 1	CA	W370	60059	280	115	115				0.0000		0.0000	115
Spaulding No. 2 Powerhouse - Spaulding No. 2	CA	W371	60060	281	111	111				0.0000		0.0000	111
Spaulding No. 3 Powerhouse - Spaulding No. 3	CA	W372	60061	282	49	49				0.0000		0.0000	49
Spring Gap Powerhouse - Spring Gap Powerhouse	CA	W373	60062	283	145	145				0.0000		0.0000	145
SPS Alpaugh 50 - SPS Alpaugh 50	CA	W374	60063	284	254	254				0.0000		0.0000	254
SPS Alpaugh North - SPS Alpaugh North	CA	W2826	60945	58003	682	682				0.0000		0.0000	682
Stockton Biomass - Stockton Biomass	CA	W2825	60946	58002	252	252				0.0000		0.0000	252
Sun City Project LLC - Sun City	CA	W3540	60964	54238	3342	3342			4874	1.4585		0.0288	3342
Sunshine Gas Producers - Sunshine Gas Producers	CA	W2073	60913	57360	334	334				0.0000		0.0000	334
TA-High Desert - Antelope Power Plant Solar	CA	W4144	60815	59826	964	964				0.0000		0.0000	964
Three Forks Water Power Project - Three Forks	CA	W3496	60937A	58149	879	879				0.0000		0.0000	879
Toadown Powerhouse - Toadown Powerhouse	CA	W758	60502	54308	23	23				0.0000		0.0000	23
Topaz Solar Farms LLC - Topaz 10-16	CA	W375	60064	714	24	24				0.0000		0.0000	24
Topaz Solar Farms LLC - Topaz 17 - 20	CA	W3226	61698	57695	3309	3309				0.0000		0.0000	3309
Topaz Solar Farms LLC - Topaz 17 - 20	CA	W3227	61698	57695	1803	1803				0.0000		0.0000	1803
Topaz Solar Farms LLC - Topaz 1-9	CA	W3193	61698	57695	4568	4568				0.0000		0.0000	4568
Topaz Solar Farms LLC - Topaz 21 - 22	CA	W3229	61698	57695	636	636				0.0000		0.0000	636
Vantage - Vantage Wind Energy LLC	WA	W2046	60712	57188	2662	2662				0.0000		0.0000	2662
Volta No. 2 Powerhouse - Volta No. 2 Powerhouse	CA	W378	60067	180	28	28				0.0000		0.0000	28
West Point Powerhouse - West Point Powerhouse	CA	W379	60068	291	411	411				0.0000		0.0000	411
Windstar - Windstar1	CA	W2742	60810A	57774	1903	1903				0.0000		0.0000	1903
Windstar - Windstar2	CA	W2743	60810A	57774	2175	2175				0.0000		0.0000	2175
Wise No. 1 Powerhouse - Wise No. 1 Powerhouse	CA	W380	60069	292	279	279				0.0000		0.0000	279
Balch #1 PH	CA			217	1365	1365				0.0000		0.0000	
Balch #2 PH	CA			218	4317	4317				0.0000		0.0000	
Belden	CA			219	3775	3775				0.0000		0.0000	
Bucks Creek	CA			220	905	905				0.0000		0.0000	
Butt Valley	CA			221	1440	1440				0.0000		0.0000	
Caribou 1	CA			222	2456	2456				0.0000		0.0000	
Caribou 2	CA			223	3320	3320				0.0000		0.0000	
Cresta	CA			231	3295	3295				0.0000		0.0000	

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and grandfathering, select "Yes" in the relevant field.

Standard Product Offering	Portfolio Totals	PCL Data
Retail Sales	REDACTED	
Total Specified	18977	1%
Biomass & Biogas	32740	1%
Geothermal	13398	0%
Eligible Hydroelectric	1227263	43%
Solar	528416	18%
Wind	12230	0%
Large Hydroelectric	0	0%
Nuclear	0	0%
Emerging Technologies	0	0%
Natural Gas	0	0%
Coal & Petroleum	0	0%
Unspecified Power - ACS	0	0%
Unspecified Power - Spot Market	0	0%
Unspecified Power - Total	REDACTED	
Total PCL GHGs (MT CO <sub>2</sub> e)	REDACTED	36%
Emissions Intensity (MT CO <sub>2</sub> e/MWh)		
PCL GHG Intensity (lbs CO <sub>2</sub> e/MWh)	0.157	34%
Unbundled REC %		6%

	0	0	0	0	0

[illegible]

Standard Product Offering		Annual PCL GHGs (MT CO <sub>2</sub> e)		
Facility Name	Fuel Type	Net Procurement		
Blythe Solar III	Solar	3324	0	
Mt. Poso Cogeneration Facility	Biomass & Biogas	8048	251,9024	
Maverick Solar, LLC	Solar	3447	0	
American Kings Solar Project	Solar	2985	0	
Geysers Power Plant - Calpine Geo Unit 1	Geothermal	4027	0	
Geysers Power Plant - Calpine Geo Unit 2	Geothermal	3183	0	
Geysers Power Plant - Calpine Geo Unit 3	Geothermal	2308	0	
Geysers Power Plant - Calpine Geo Unit 4	Geothermal	2959	0	
ESJ Wind 2- Enerfia Sierra Juarez Winds	Wind	1906	0	
ESJ Wind 2- Enerfia Sierra Juarez Winds	Wind	1059	0	
Clines Corners - Clines Corners Wind Farm	Wind	21623	0	
Clines Corners - Clines Corners Wind Farm	Wind	50620	0	
Tecolote Wind - Tecolote Wind LLC	Wind	27475	0	
Duran Mesa LLC - Duran Mesa LLC	Wind	12282	0	
Geysers Power Plan - Calpine Geothermal	Geothermal	764	0	
Geysers Power Plan - Calpine Geothermal	Geothermal	437	0	
Geysers Power Plan - Calpine Geothermal	Geothermal	1578	0	
Geysers Power Plan - Calpine Geothermal	Geothermal	993	0	
Geysers Power Plan - Calpine Geothermal	Geothermal	275	0	
Geysers Power Plan - Calpine Geothermal	Geothermal	717	0	
Geysers Power Plan - Sontoma / Calpine	Geothermal	410	0	
SE Athos I	Solar	568152	0	
Java Solar - Java Solar	Solar	138	0	
Kumeyaay Sind Farm - Kumeyaay Wind Farm	Wind	1289	0	
Wister Solar- Wister Solar	Solar	255	0	
Vaca Dixon Solar Station - Vaca Dixon Solar	Solar	26	0	
Gaskell West 3	Solar	230	0	
Gaskell West 4	Solar	234	0	

Gaskett West 5	Solar	230
BCE 11	Solar	189
BCE21	Solar	153
Arica Solar, LLC - Direct Energy	Solar	0
Arica Solar, LLC - Direct Energy	Solar	51570
Vikings Energy Farm LLC	Solar	137589
Dokie Wind - Dokie Wind	Wind	25000
Shiloh III Wind Project, LLC - Shiloh III W	Wind	402
Five Points Solar Station	Solar	2134
Westside Solar Station	Solar	124
Stroud Solar Station	Solar	111
Mesquite Solar 1 (1-3) - Mesquite Solar 1	Solar	171
Montezuma Wind II - Nextera Energy Mo	Wind	795
Vasco Winds - Vasco Winds	Wind	1575
Huron Solar Station - Huron Solar Station	Solar	1795
Cantua Solar Station - Cantua Solar	Solar	153
Giffen Solar Station - Giffen Solar Station	Solar	166
Mesquite Solar 1 (4) - Mesquite Solar 1 (4 Solar	Solar	72
Coram Brodie Wind Project - Brookfield T	Wind	39
Pacific Wind, LLC - Pacific Wind, LLC	Wind	304
Shiloh IV Wind Project, LLC - Shiloh IV W	Wind	2157
North Palm Springs 1A - North Palm Sprin	Solar	3349
Mesquite Solar 1 (5) - Mesquite Solar 1 (5 Solar	Solar	1476
Catalina Solar Phase 1 - Catalina Solar P	Solar	75
Mesquite Solar 1 (6) - Mesquite Solar 1 (6 Solar	Solar	304
Copper Mountain Solar 2 - CMS 2 (1)	Solar	1950
Golden Springs Building D - Golden Sprin	Solar	153
Industry Metrolink PV 1 - Industry Metrol	Solar	414
Mesquite Solar 1 (7) - Mesquite Solar 1 (7 Solar	Solar	9
Mesquite Solar 1 (8) - Mesquite Solar 1 (8 Solar	Solar	16
NRG Solar Borrego I - NRG Solar Borreg	Solar	304
SEPV 1 - SEPV1	Solar	228
SEPV 2 - SEPV2	Solar	571
Sonoma Central Landfill Phase I - Sonom	Biomass & Biogas	40
Copper Mountain Solar 2 - CMS 2 (2)	Solar	42
Sonoma Central Landfill Phase II - Sonom	Biomass & Biogas	44
Chino South Building E - San Antonio W	Solar	0.1672
Mesquite Solar 1 (9) - Mesquite Solar 1 (9 Solar	Solar	369
Manzana - Manzana Wind LLC	Wind	0.1672
RE Kansas South - RE Kansas South	Solar	26
Mesquite Solar 1 (11) - Mesquite Solar 1	Solar	304
Quality Wind - Quality Wind	Wind	304
Coram Energy LLC (ECT) - Coram Energy	Wind	3099
Coram Energy, LLC - Coram Energy, LLC	Wind	260
Mesquite Solar 1 (12) - Mesquite Solar 1	Solar	304
67RK 8ME, LLC - Redcrest Solar Farm	Solar	261
ABEC Bidair-Old River LLC - ABEC Bidair Biomass & Biogas	Solar	475
Adelanto Solar II, LLC - Adelanto Solar II, Solar	Solar	1.52
Adelanto Solar, LLC - Adelanto Solar, LLC	Solar	135
Adora Solar, LLC - Adora Solar, LLC	Solar	555
Alamo Solar, LLC - Adobe Solar, LLC	Solar	180
Alamo Solar - Alamo Solar	Solar	581
Algonquin SKIC 10 Solar, LLC - Algonquin	Solar	240
Alhambra Solar Facility - Alhambra Solar	Solar	240
Alta Wind X, LLC - Alta Wind X, LLC	Wind	138
Alta Wind XI, LLC - Alta Wind XI, LLC	Wind	750
American Solar Greenworks, LLC - Summ	Solar	4492
Antelope West Solar - Antelope West Sol	Solar	3053
Arkansas Solar Facility - Arkansas Solar	Solar	153
Arlington Valley Solar Energy II	Solar	263
Arlington Valley Solar Energy II - Arlingt	Solar	1608
Arlington Valley Solar Energy II - Arlingt	Solar	852
Arlington Valley Solar Energy II - Arlingt	Solar	1561
Arlington Valley Solar Energy II - Arlingt	Solar	223
Arlington Valley Solar Energy II - Arlingt	Solar	199
Bakersfield Solar - SKIC 20	Solar	207
Bayshore Solar - Big Sky Solar 6	Solar	229

Bayshore Solar B - Big Sky Solar 7	Solar	224
Borden Solar Farm	Solar	1070
Blythe Solar II, LLC - Blythe Solar II, LLC	Solar	836
Blythe Solar II, LLC - Blythe Solar II, LLC	Solar	854
Blythe Solar II, LLC - Blythe Solar II, LLC	Solar	808
Blythe Solar II, LLC - Blythe Solar II, LLC	Solar	654
Bayshore Solar C - Big Sky Solar 8	Solar	205
Blackwell Solar - Blackwell Solar, LLC	Solar	145
Bowman Powerhouse	Eligible Hydroelectric	8
Broadview Energy, KW, LLC - BEKW	Wind	5225
Broadview Energy, JN, LLC - BEJN	Wind	6594
CA Flats 150 - CA Flats 150	Solar	1592
California PV Energy at Jurupa - California Solar	Solar	243
Calipatria Solar Farm 1 - Calipatria Solar Farm	Solar	343
Cameron Ridge LLC (IV) - Cameron Ridge	Wind	254
Campo Verde Solar Project - Campo Verde	Solar	2727
Cape Scott Wind - Cape Scott Wind	Wind	653
Catalina Solar 2, LLC - Catalina Solar 2, LLC	Solar	551
Catalina Solar Phase 2 - Catalina Solar P1	Solar	476
CED Atwell Island West - CED Atwell Island	Solar	487
CED Corcoran Solar 2, LLC - CED Corcoran Solar	Solar	537
CED Ducor Solar 1, LLC - CED Ducor Solar	Solar	321
CED Ducor Solar 2, LLC - CED Ducor Solar	Solar	324
CED Ducor Solar 3, LLC - CED Ducor Solar	Solar	365
CED Ducor Solar 4, LLC - CED Ducor Solar	Solar	482
CED Lost Hills Solar, LLC	Solar	26194
CED Wistaria Solar, LLC - Wistaria Ranch	Solar	2460
Centinela Solar Energy - CSE - Blocks 1U Solar	Solar	513
Centinela Solar Energy - CSE - Block 2C Solar	Solar	658
Centinela Solar Energy - CSE - Block 1F Solar	Solar	877
Centinela Solar Energy - CSE - Block 1G Solar	Solar	1471
Centinela Solar Energy - CSE - Block 1H Solar	Solar	86
Centinela Solar Energy - CSE - Block 2B Solar	Solar	282
Centinela Solar Energy - CSE - Block 2D Solar	Solar	208
Centinela Solar Energy - CSE - Blocks 1A Solar	Solar	317
Central Antelope Dry Ranch C, LLC - Central	Solar	489
Central Hydroelectric Corp. - Central Hydro	Eligible Hydroelectric	2889
CID Solar - Corcoran Irrigation District - C	Solar	227
Citizen Solar B, LLC - Citizen Solar B	Solar	40
Colgreen North Shore - Colgreen North S	Solar	128865
Copper Mountain Solar 2 - CWS 2 (3)	Solar	369
Copper Mountain Solar 2 - CWS 2 (4)	Solar	370
Copper Mountain Solar 2 - CWS 2 (5)	Solar	305
Copper Mountain Solar 4 - Copper Mount	Solar	1974
Coronal Lost Hills, LLC - Coronal Lost Hill	Solar	427
CSolar IV South	Solar	170
CSolar IV South - ISEC South 1-3	Solar	456
CSolar IV South - ISEC South 13-15	Solar	369
CSolar IV South - ISEC South 4-6	Solar	1026
CSolar IV South - ISEC South 7-10	Solar	427
CSolar IV West	Solar	186
CSolar IV West - ISEC West 1	Solar	573
CSolar IV West - ISEC West 2	Solar	1533
CSolar IV West - ISEC West 3	Solar	295
CSolar IV West - ISEC West 4	Solar	872
Cuyama Solar - Cuyama Solar	Solar	337
Desert Green Solar Farm - Desert Green	Solar	58
DG Solar Lessee II, LLC - E Philadelphia	Solar	14
Diablo Winds, LLC - Diablo Winds, LLC	Wind	100
Dutch Flat #2 Powerhouse - Dutch Flat #2	Eligible Hydroelectric	73
El Cabo Wind - El Cabo Wind	Wind	10299
ESJ Wind - Energia Sierra Juarez Wind B	Wind	575
ESJ Wind - Energia Sierra Juarez Wind B	Wind	820
ESJ Wind - Energia Sierra Juarez Wind B	Wind	452
ESJ Wind - Energia Sierra Juarez Wind B	Wind	1949
Freeway Springs, LLC - Freeway Springs	Solar	29

FTS Master Tenant 1, LLC - A - FTS MasSolar	53
FTS Master Tenant 1, LLC - B - FTS MasSolar	47
Garnet Solar Power Generation Station 1 Solar	129
Gates Solar Station - Gates Solar Station Solar	160
Geyser Power Plant - Aldrin Power Plant Geothermal	679
Geyser Power Plant - Callisto Power Plant Geothermal	1513
Golden Solar, LLC - Dulles - Golden Solar	21
Golden Springs Building F, LLC - Golden Solar	21
Golden Springs Development Company I Solar	22
Golden Springs Development Company I Solar	23
Golden Springs Development Company I Solar	19
Golden Springs Development Company, I Solar	9
Great Valley Solar 3, LLC - RE Tranquility Solar	495
Guernsey Solar Station - Guernsey Solar	114
Hennietta Solar Plant - Parrey, LLC	1099
Highlander Solar 1, LLC - Highlander Solar	371
Highlander Solar 2, LLC - Highlander Solar	275
Imperial Valley Solar 3, LLC - Mount Signl Solar	5628
Imperial Valley Solar, LLC - Imperial ValleSolar	1152
Imperial Valley Solar, LLC - Imperial ValleSolar	2953
Jacumba Solar, LLC - Jacumba Solar Far Solar	452
Kansas - Kansas	181
Kent South - Kent South	223
Lancaster Dry Farm Ranch B, LLC - Land Solar	119
Lancaster Little Rock C LLC - Lancaster I Solar	33
Lone Valley Solar Park I, LLC - Lone Valle Solar	271
Lone Valley Solar Park II, LLC - Lone Valley Solar	563
Longboat Solar, LLC - Longboat Solar, LL Solar	391
Lost Hills - Lost Hills Solar, LLC	258
Mammoth Pacific L. P. (MP1) - Mammoth Geothermal	301
Mammoth Pacific L. P. I (PLES) - Mammoth Geothermal	520
Maricopa West Solar PV - Maricopa Wes Solar	482
Master Development - Corona, CA (1351) Solar	9
McCoy Solar, LLC - Genesis McCoy Solar Solar	1315
McCoy Solar, LLC - Genesis McCoy Solar Solar	657
McCoy Solar, LLC - Genesis McCoy Solar Solar	604
McCoy Solar, LLC - Genesis McCoy Solar Solar	987
McCoy Solar, LLC - Genesis McCoy Solar Solar	987
McCoy Solar, LLC - Genesis McCoy Solar Solar	846
McCoy Solar, LLC - Genesis McCoy Solar Solar	1315
McCoy Solar, LLC - Genesis McCoy Solar Solar	1146
Mesquite Solar 1 (10) - Mesquite Solar 1 Solar	186
Mesquite Solar 2, LLC - Mesquite Solar 2 Solar	2543
Michael E. Bowler Memorial Solar Farm - Solar	179
Midway Solar Farm I - Midway Solar Farm Solar	610
Midway Solar Farm II - Midway Solar Farm Solar	774
MM San Diego - Miramar - MM San Diego Biomass & Biogas	1590
Mount Solar Partnership XI, LLC - Antelope Solar	883,245
Mount Signal Solar Farm II - Mount Signal Solar	45
Nevada Irrigation District - Bowman Hybrid Eligible Hydroelectric	3831
Nicols, LLC - Nicols Solar PV Plant	43
North Lancaster Ranch, LLC - North Land Solar	578
North Lancaster Ranch, LLC - North Land Solar	546
North Palm Springs 4A - North Palm Sprin Solar	122
North Rosamond Solar, LLC - North Ross Solar	3603
North Sky River - North Sky River - Phase Wind	2307
North Star Solar - North Star Solar, LLC	1065
Northwind - Wind Stream Operations, LLC Wind	5947
NRG Solar Oasis LLC - Oasis Solar	543
Ocotillo - Ocotillo Express LLC	1365
Ocotillo 2 - Ocotillo Express LLC	3681
Old River One - Old River One	175
Oltmans SCE at Champagne - California Solar	18
Orion Solar I - Orion Solar I, LLC	150
Orion Solar II, LLC - Orion Solar II, LLC	216
Panoche Valley Solar - Panoche Valley Solar	1155
Panoche Valley Solar - Panoche Valley Solar	810





Sunray 2- SEG5 II - Sunray 2- SEG5 II	Solar	271
Sunray Energy 3, LLC - Sunray Valley 3, Solar	Solar	341
Sunshine Valley Solar - Sunshine Valley 3, Solar	Solar	2407
Sycamore Energy 1 LLC - Sycamore Energy Biomass & Biogas	47	0.2679
Terra Francisco 1 - Kona Solar, LLC - Terra Francisco	20	0
TKO Power (South Bear Creek) - TKO Power	68	0
Tropico, LLC - Tropico Solar PV Plant	Solar	2019
Tule Wind, LLC - Tule Wind, LLC	Wind	491
Valentine Solar, LLC - Valentine Solar, LLC	Solar	2658
Valley Center Solar Facility - Sol Orchard	21	0
Valley Center Solar Facility - Sol Orchard	Solar	78
Vega Solar, LLC - Vega Solar, LLC	Solar	582
Victor Dry Farm Ranch A LLC - Victor Dry Solar	Solar	147
Victor Dry Farm Ranch B LLC - Victor Dry Solar	Solar	145
Victory Garden #1 (Tehachapi) - Wind StrWind	2972	0
Victory Garden# 2 (Tehachapi) - Wind StrWind	2838	0
Victory Garden# 3 (Tehachapi) - Wind StrWind	4825	0
Victory Garden# 4 (Tehachapi) - Wind StrWind	9311	0
Voyager Wind 4 - Voyager Wind 4	Wind	2576
Voyager Wind 1 - Voyager Wind 1	Wind	3611
West Gates Solar Station - West Gates Solar	97	0
Western Antelope Blue Sky Ranch A - W Solar	226	0
Wildwood Solar - Wildwood Solar	Solar	437
Wildwood Solar II - Wildwood Solar II	Solar	361
Willow Springs 2 - Willow Springs 2	Solar	2178
Zephyr Park - Zephyr Park 2	Wind	5
Pike Solar	Solar	12000
Grand View 2 West - Grand View 2 West	Solar	34736
Rockland Wind Farm - Rockland Wind Farm	Wind	165660
Tucannon River Wind Farm - Tucannon Wind	Wind	30000
A. G. Wishon Powerhouse	Eligible Hydroelectric	58
A. G. Wishon Powerhouse - A. G. Wishon	Eligible Hydroelectric	131
Aqua Caliente Solar - Block 1	Solar	611
Aqua Caliente Solar - Block 2	Solar	611
Aqua Caliente Solar - Block 3	Solar	611
Aqua Caliente Solar - Block 4	Solar	437
Aqua Caliente Solar - Block 5	Solar	616
Aqua Caliente Solar - Block 9	Solar	513
Aqua Caliente Solar - Block 10	Solar	616
Aqua Caliente Solar - Block 11	Solar	616
Aqua Caliente Solar - Block 12	Solar	513
Aqua Caliente Solar - Block 6	Solar	513
Aqua Caliente Solar - Block 7	Solar	513
Aqua Caliente Solar - Block 8	Solar	231
Aqua Caliente Solar - Block 8	Solar	513
Alta Powerhouse - Alta Powerhouse	Eligible Hydroelectric	14
Alta Wind I - Alta Wind I	Wind	6719
Alta Wind II - Alta Wind II	Wind	5636
Alta Wind III - Alta Wind III	Wind	5614
Alta Wind IV - Alta Wind IV	Wind	2990
Alta Wind IX - Alta 9	Wind	3419
Alta Wind V - Alta Wind V	Wind	4457
Alta Wind VII - Alta 7	Wind	4497
Alta Wind VIII - Alta Wind VIII	Wind	3254
Atwell Island - Atwell Island PV Solar Gen	Solar	268
AV Solar Ranch 1, LLC - Antelope Solar	Solar	717
AV Solar Ranch 1, LLC - AVSR1 - Antelo Solar	1158	0
AV Solar Ranch 1, LLC - AVSR1 - Antelo Solar	690	0
AV Solar Ranch 1, LLC - AVSR1 - Antelo Solar	544	0
AV Solar Ranch 1, LLC - AVSR1 - Antelo Solar	489	0
AV Solar Ranch 1, LLC - AVSR1 - Antelo Solar	402	0
AV Solar Ranch 1, LLC - AVSR1 - Antelo Solar	1296	0
Avenal Park - Avenal Park LLC	Solar	99
Big Creek Hydro Project - Big Creek Wat	Eligible Hydroelectric	114
Bishop Creek 2 - Bishop Creek 2	Eligible Hydroelectric	86
Bishop Creek 2 - Bishop Creek 2 - Unit 2	Eligible Hydroelectric	86
Bishop Creek 2 - Bishop Creek 2 - Unit 3	Eligible Hydroelectric	80

Bishop Creek 3 - Bishop Creek 3	Eligible Hydroelectric	314
Bishop Creek 4 - Bishop Creek 4	Eligible Hydroelectric	76
Bishop Creek 4 - Bishop Creek 4 - Unit 2	Eligible Hydroelectric	76
Bishop Creek 4 - Bishop Creek 4 - Unit 3	Eligible Hydroelectric	150
Bishop Creek 4 - Bishop Creek 4 - Unit 4	Eligible Hydroelectric	166
Bishop Creek 4 - Bishop Creek 4 - Unit 5	Eligible Hydroelectric	150
Bishop Creek 5 - Bishop Creek 5	Eligible Hydroelectric	93
Bishop Creek 5 - Bishop Creek 5 - Unit 2	Eligible Hydroelectric	118
Bishop Creek 6 - Bishop Creek 6	Eligible Hydroelectric	162
Blackspring Ridge 1A - Blackspring Ridge Wind	Eligible Hydroelectric	3536
Blackspring Ridge 1B - Blackspring Ridge Wind	Eligible Hydroelectric	3845
California Valley Solar Ranch - Block1	Solar	527
California Valley Solar Ranch - Block2	Solar	1567
California Valley Solar Ranch - Block3	Solar	2985
California Valley Solar Ranch - Block4	Solar	632
CalRENEW-1 - CalRENEW-1	Solar	7
CED Corcoran - CED Corcoran	Solar	278
CED White River Solar - CED White River Solar	Solar	357
CM10 - CM10	Solar	175
CM48 - CM48	Solar	920
Coleman Powerhouse - Coleman Powerhouse	Eligible Hydroelectric	233
Crane Valley Powerhouse - Crane Valley	Eligible Hydroelectric	9
De Sabla Powerhouse - De Sabla Powerhouse	Eligible Hydroelectric	222
Desert Steteline LLC - Steteline Solar, BK Solar	Eligible Hydroelectric	1228
Desert Steteline LLC - Steteline Solar, BK Solar	Eligible Hydroelectric	1228
Desert Steteline LLC - Steteline Solar, BK Solar	Eligible Hydroelectric	1106
Desert Steteline LLC - Steteline Solar, BK Solar	Eligible Hydroelectric	1228
Desert Steteline LLC - Steteline Solar, BK Solar	Eligible Hydroelectric	1228
Desert Steteline LLC - Steteline Solar, BK Solar	Eligible Hydroelectric	1229
Desert Steteline LLC - Steteline Solar, BK Solar	Eligible Hydroelectric	808
Desert Steteline LLC - Steteline Solar, BK Solar	Eligible Hydroelectric	421
Desert Steteline LLC - Steteline Solar, BK Solar	Eligible Hydroelectric	1105
Desert Sunlight 250 - Desert Sunlight 250 Solar	Eligible Hydroelectric	1413
Desert Sunlight 250 - Desert Sunlight 250 Solar	Eligible Hydroelectric	1413
Desert Sunlight 250 - Desert Sunlight 250 Solar	Eligible Hydroelectric	957
Desert Sunlight 250 - Desert Sunlight 250 Solar	Eligible Hydroelectric	501
Desert Sunlight 250 - Desert Sunlight 250 Solar	Eligible Hydroelectric	1048
Desert Sunlight 250 - Desert Sunlight 250 Solar	Eligible Hydroelectric	911
Desert Sunlight 250 - Desert Sunlight 250 Solar	Eligible Hydroelectric	2779
DESERT SUNLIGHT 300, LLC - DSL-BU Solar	Eligible Hydroelectric	2601
DESERT SUNLIGHT 300, LLC - DSL-BU Solar	Eligible Hydroelectric	852
DESERT SUNLIGHT 300, LLC - DSL-BU Solar	Eligible Hydroelectric	411
DESERT SUNLIGHT 300, LLC - DSL-BU Solar	Eligible Hydroelectric	340
DESERT SUNLIGHT 300, LLC - DSL-BU Solar	Eligible Hydroelectric	852
Dillon - Dillon Wind LLC	Wind	2215
Dutch Flat No. 1 Powerhouse - Dutch Flat	Eligible Hydroelectric	337
Fontana - Fontana	Eligible Hydroelectric	134
FPL Energy Montezuma Wind - FPL Enel Wind	Eligible Hydroelectric	687
GENESIS SOLAR, LLC - SGN-1	Solar	2893
GENESIS SOLAR, LLC - SGN2	Solar	2886
Glacier Wind 2 - Glacier Wind 2	Wind	2131
Goshen Phase II LLC - Goshen Phase II Wind	Wind	5709
Halkirk I Wind Facility - Halkirk I Wind Facility	Wind	3308
Halsey Powerhouse - Halsey Powerhouse	Eligible Hydroelectric	84
Hat Creek No. 1 Powerhouse - Hat Creek	Eligible Hydroelectric	236
Hat Creek No. 2 Powerhouse - Hat Creek	Eligible Hydroelectric	241
Hatchet Ridge - Hatchet Ridge	Wind	2613
Horseshoe Bend Wind LLC - Horseshoe Bend Wind	Wind	9418
Ivanpah - Unit 3	Solar	1783
Ivanpah - Unit 3	Solar	159,4002
Kaweah 2 - Kaweah 2	Eligible Hydroelectric	2499
Kern River 1 - Kern River 1	Eligible Hydroelectric	223,4106
Lundy - Lundy	Eligible Hydroelectric	20
Lundy - Lundy - Unit 2	Eligible Hydroelectric	2945
Lyle Creek - Lyle Creek	Eligible Hydroelectric	56
Mill Creek 3 - Mill Creek 3 - Unit 3	Eligible Hydroelectric	30
Mill Creek 3 - Mill Creek 3 - Unit 3	Eligible Hydroelectric	55





## Standard Product Offering

[illegible]

**2024 POWER SOURCE DISCLOSURE ANNUAL REPORT  
ATTESTATION FORM  
For the Year Ending December 31, 2024  
(RETAIL SUPPLIER NAME)**

I, [print name] Joseph A. Holrman, [title] Vice President, declare under penalty of perjury, that the information provided in this report is true and correct and that I, as an authorized agent of [retail supplier], Direct Energy Business, LLC, 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: Joseph A. Holtman

Representing (Retail Supplier): Direct Energy Business, LLC

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

Dated: \_\_\_\_\_

Executed at: \_\_\_\_\_