

DOCKETED

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Project Title:	Power Source Disclosure Program - 2023
TN #:	259813
Document Title:	Power Source Disclosure Program - 2023 Reporting PUBLIC
Description:	2023 Power Source Disclosure
Filer:	Barbara S. Farmer
Organization:	BARBARA FARMER
Submitter Role:	Applicant
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2023 POWER SOURCE DISCLOSURE ANNUAL REPORT

For the Year Ending December 31, 2023

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	
ELECTRICITY PORTFOLIO NAME	
Standard Product Offer	
CONTACT INFORMATION	
NAME	Barbara Farmer
TITLE	Regulatory Reporting Analyst
MAILING ADDRESS	910 Louisiana Street, Suite B200
CITY, STATE, ZIP	Houston, TX 77002
PHONE	(832)439-3321
EMAIL	barbara.farmer@nrg.com
WEBSITE URL FOR PCL POSTING	https://www.nrg.com/assets/documents/legal/overview/environmental-disclosures/deb-ca-disclosure-label.pdf

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 Commission's website at <https://www.energy.ca.gov/about/divisions-and-offices/chief-counsels-office>.

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

2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
SCHEDULE 1: PROCUREMENTS AND RETAIL SALES
For the Year Ending December 31, 2023
Direct Energy Business, LLC
Standard Product Offer

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)	0.2219

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	
67RK BME, LLC - Redcrest Solar Farm	Solar	CA	W4780	62642		58831	54	-	54	54	-	-		
A.G. Wishon Power House	Eligible hydro	CA	W344	60032		293	173	-	173	173	-	-		
ABEC Bidart-Old River LLC - ABEC Bidart-Old River LLC	Biomass & biowaste	CA	W3519	62369		58699	74	-	74	74	0.6921	51		
ABEC Bidart-Stockdale LLC - ABEC Bidart-Stockdale LLC	Biomass & biowaste	CA	W2971	60886		P168	3	-	3	3	1.1335	3		
Adelanto Solar II, LLC - Adelanto Solar II, LLC	Solar	CA	W4683	62640		59440	20	-	20	20	-	-		
Adelanto Solar, LLC - Adelanto Solar, LLC	Solar	CA	W4758	62639		57305	102	-	102	102	-	-		
Adera Solar, LLC - Adera Solar, LLC	Solar	CA	W4836	61388		57651	56	-	56	56	-	-		
Adobe Solar, LLC - Adobe Solar, LLC	Solar	CA	W4119	61427		57651	170	-	170	170	-	-		
Agua Caliente Solar - Block 1	Solar	AZ	W2427	60894		57373	726	-	726	726	-	-		
Agua Caliente Solar - Block 10	Solar	AZ	W3621	60894		57373	609	-	609	609	-	-		
Agua Caliente Solar - Block 11	Solar	AZ	W3829	60894		57373	609	-	609	609	-	-		
Agua Caliente Solar - Block 12	Solar	AZ	W3953	60894		57373	274	-	274	274	-	-		
Agua Caliente Solar - Block 2	Solar	AZ	W2576	60894		57373	726	-	726	726	-	-		
Agua Caliente Solar - Block 3	Solar	AZ	W2668	60894		57373	726	-	726	726	-	-		
Agua Caliente Solar - Block 4	Solar	AZ	W2782	60894		57373	517	-	517	517	-	-		
Agua Caliente Solar - Block 5	Solar	AZ	W2838	60894		57373	730	-	730	730	-	-		
Agua Caliente Solar - Block 6	Solar	AZ	W2844	60894		57373	730	-	730	730	-	-		
Agua Caliente Solar - Block 7	Solar	AZ	W2925	60894		57373	730	-	730	730	-	-		
Agua Caliente Solar - Block 8	Solar	AZ	W3240	60894		59469	609	-	609	609	-	-		
Agua Caliente Solar - Block 9	Solar	AZ	W2812	60894		60242	609	-	609	609	-	-		
Alamo Solar - Alamo Solar	Solar	CA	W4546	61453		59469	218	-	218	218	-	-		
Algonquin SKIC 10 Solar, LLC - Algonquin SKIC 10 Solar, LLC	Solar	CA	W5392	62879		60242	21	-	21	21	-	-		
Alhambra Solar Facility - Alhambra Solar facility	Solar	CA	W4479	61646		P379	977	-	977	977	-	-		
Alta Powerhouse - Alta Powerhouse	Eligible hydro	CA	W335	60033		214	27	-	27	27	-	-		
Alta Wind I - Alta Wind 7	Wind	CA	W2905	61807		57835	1,149	-	1,149	1,149	-	-		
Alta Wind I - Alta Wind 9	Wind	CA	W2904	61808		P346	824	-	824	824	-	-		
Alta Wind I - Alta Wind I	Wind	CA	W1727	60794		57282	2,021	-	2,021	2,021	-	-		
Alta Wind I - Alta Wind II	Wind	CA	W1841	60795		57291	1,664	-	1,664	1,664	-	-		
Alta Wind I - Alta Wind III	Wind	CA	W1842	61092		57292	1,479	-	1,479	1,479	-	-		
Alta Wind I - Alta Wind IV	Wind	CA	W2013	61093		57293	823	-	823	823	-	-		
Alta Wind I - Alta Wind V	Wind	CA	W2068	61094		P345	1,357	-	1,357	1,357	-	-		
Alta Wind I - Alta Wind VIII	Wind	CA	W2483	61288		57835	928	-	928	928	-	-		
Alta Wind I - Alta Wind X, LLC	Wind	CA	W3537	62244		58394	1,029	-	1,029	1,029	-	-		
Alta Wind I - Alta Wind XI, LLC	Wind	CA	W3538	62245		58395	760	-	760	760	-	-		
American Kings Solar Project - American Kings Solar Project	Solar	CA	W11005	61600		60777	275	-	275	275	-	-		
American Solar Greenworks, LLC - Summer Solar North	Solar	CA	W4524	61506		58757	44	-	44	44	-	-		
Antelope West Solar - Antelope West Solar	Solar	CA	W4322	61850		58626	266	-	266	266	-	-		
Aquamarine Westside, LLC (Phase 2) - Aquamarine Westside, LLC	Solar	CA	W12582	64553		62547	6,171	2,210	3,961	3,961	-	-		
Arica Solar, LLC - Direct Energy	Solar	CA	W16644	64922		65744	347	-	347	347	-	-		
Arica Solar, LLC - Direct Energy	Solar	CA	W16645	64922		65744	1,938	-	1,938	1,938	-	-		
Arkansas Solar Facility - Arkansas Solar Facility	Solar	CA	W4480	61844		P380	1,082	-	1,082	1,082	-	-		
Arlington Valley Solar Energy II - Arlington Valley Solar Energy II - Phase 1	Solar	AZ	W3339	60865		57680	605	-	605	605	-	-		
Arlington Valley Solar Energy II - Arlington Valley Solar Energy II - Phase 2	Solar	AZ	W3543	60865		57680	443	-	443	443	-	-		
Arlington Valley Solar Energy II - Arlington Valley Solar Energy II - Phase 3	Solar	AZ	W3544	60865		57680	286	-	286	286	-	-		
Arlington Valley Solar Energy II - Arlington Valley Solar Energy II - Phase 4	Solar	AZ	W3545	60865		57680	192	-	192	192	-	-		
Arlington Valley Solar Energy II - Arlington Valley Solar Energy II - Phase 5	Solar	AZ	W3742	60865		57680	1,112	-	1,112	1,112	-	-		
Atwell Island - Atwell Island PV Solar Generating Facility	Solar	CA	W3159	60947		58366	334	-	334	334	-	-		
AV Solar Ranch 1, LLC - Antelope Solar Ranch - Block 7	Solar	CA	W3474	60790		57378	717	-	717	717	-	-		
AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 1 & 2	Solar	CA	W4141	60790		57378	1,158	-	1,158	1,158	-	-		
AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 3	Solar	CA	W2803	60790		57378	688	-	688	688	-	-		
AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 4	Solar	CA	W3274	60790		57378	774	-	774	774	-	-		
AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 5	Solar	CA	W3275	60790		57378	487	-	487	487	-	-		
AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 6	Solar	CA	W3280	60790		57378	401	-	401	401	-	-		

AV Solar Ranch 1, LLC - AVSR1 - Antelope Solar Ranch - Block 8 & 9	Solar	CA	W3849	60790		57378	1,296	-	1,296	1,296	-	-	-
Avenal Park - Avenal Park LLC	Solar	CA	W2074	60912		57359	117	-	117	117	-	-	-
Bailey Creek Ranch - Bailey Creek Ranch	Eligible hydro	CA	W568	60195		10709	787	-	787	787	-	-	-
Bakersfield Solar - SKIC 20	Solar	CA	W4550	61558		59412	227	-	227	227	-	-	-
Bayshore Solar A - Big Sky Solar 6	Solar	CA	W5731	63133		60481	236	-	236	236	-	-	-
Bayshore Solar B - Big Sky Solar 7	Solar	CA	W5737	63134		60474	224	-	224	224	-	-	-
Bayshore Solar C - Big Sky Solar 8	Solar	CA	W5738	63135		60475	227	-	227	227	-	-	-
Big Creek Hydro Project - Big Creek Water Works	Eligible hydro	CA	W1586	60900		10282	110	-	110	110	-	-	-
Biglow Canyon Wind Farm - Biglow Canyon 3	Wind	OR	W1588	63056		56485	1,021	-	1,021	1,021	-	-	-
Biglow Canyon Wind Farm - Biglow Phase 2	Wind	OR	W1268	63055		56485	4,569	-	4,569	4,569	-	-	-
Bishop Creek 2 - Bishop Creek - Unit 3	Eligible hydro	CA	W545	60444		323	54	-	54	54	-	-	-
Bishop Creek 2 - Bishop Creek 2	Eligible hydro	CA	W320	60444		323	58	-	58	58	-	-	-
Bishop Creek 2 - Bishop Creek 2 - Unit 2	Eligible hydro	CA	W544	60444		323	58	-	58	58	-	-	-
Bishop Creek 3 - Bishop Creek 3	Eligible hydro	CA	W321	60446		324	101	-	101	101	-	-	-
Bishop Creek 4 - Bishop Creek 4	Eligible hydro	CA	W322	60447		325	20	-	20	20	-	-	-
Bishop Creek 4 - Bishop Creek 4 - Unit 2	Eligible hydro	CA	W548	60447		325	20	-	20	20	-	-	-
Bishop Creek 4 - Bishop Creek 4 - Unit 3	Eligible hydro	CA	W549	60447		325	40	-	40	40	-	-	-
Bishop Creek 4 - Bishop Creek 4 - Unit 4	Eligible hydro	CA	W550	60447		325	44	-	44	44	-	-	-
Bishop Creek 4 - Bishop Creek 4 - Unit 5	Eligible hydro	CA	W551	60447		325	40	-	40	40	-	-	-
Bishop Creek 5 - Bishop Creek 5	Eligible hydro	CA	W323	60448		326	23	-	23	23	-	-	-
Bishop Creek 5 - Bishop Creek 5 - Unit 2	Eligible hydro	CA	W552	60448		326	30	-	30	30	-	-	-
Bishop Creek 6 - Bishop Creek 6	Eligible hydro	CA	W324	60449		327	32	-	32	32	-	-	-
Blackspring Ridge 1A - Blackspring Ridge 1A Wind Project	Wind	CA	W3978	60987	P200		4,626	-	4,626	4,626	-	-	-
Blackspring Ridge 1B - Blackspring Ridge 1B Wind Project	Wind	AB	W3979	60988	P201		5,036	-	5,036	5,036	-	-	-
Blackwell Solar - Blackwell Solar, LLC	Solar	AB	W4587	61892		59524	136	-	136	136	-	-	-
Blythe Solar II, LLC - Blythe Solar II, LLC - Block 4	Solar	CA	W5072	63129		60092	71	-	71	71	-	-	-
Blythe Solar II, LLC - Blythe Solar II, LLC - Block 5	Solar	CA	W5073	63129		60092	72	-	72	72	-	-	-
Blythe Solar II, LLC - Blythe Solar II, LLC - Block 6	Solar	CA	W5222	63129		60092	68	-	68	68	-	-	-
Blythe Solar II, LLC - Blythe Solar II, LLC - Block 7	Solar	CA	W5248	63129		60092	55	-	55	55	-	-	-
Blythe Solar III, LLC - Blythe Solar III, LLC	Solar	CA	W10157	63130		60094	338	-	338	338	-	-	-
Borden Solar Farm - Borden Solar Farm	Solar	CA	W10139	61829		59531	142	-	142	142	-	-	-
Broadview Energy KW, LLC - BEKW	Wind	NM	W5278	62843		60152	621	-	621	621	-	-	-
Broadview Energy, JN LLC - BEJN	Wind	NM	W5277	63162		60145	777	-	777	777	-	-	-
Building C1 - Golden Springs Development Company, LLC	Solar	CA	W2607	61623		57796	7	-	7	7	-	-	-
CA Flats 150 - CA Flats 150	Solar	CA	W7112	62552		60034	1,524	-	1,524	1,524	-	-	-
Cabazon Wind Partners - Cabazon Wind Partners	Wind	CA	W834	60736		56011	6,235	-	6,235	6,235	-	-	-
California PV Energy at Jurupa - California PV Energy at Jurupa	Solar	CA	W3924	62287		59283	6	-	6	6	-	-	-
California Valley Solar Ranch - Block1	Solar	CA	W2847	60603		57439	598	-	598	598	-	-	-
California Valley Solar Ranch - Block2	Solar	CA	W3106	60603		57439	1,693	-	1,693	1,693	-	-	-
California Valley Solar Ranch - Block3	Solar	CA	W3111	60603		57439	3,387	-	3,387	3,387	-	-	-
California Valley Solar Ranch - Block4	Solar	CA	W3187	60603		57439	1,147	-	1,147	1,147	-	-	-
Calipatria Solar Farm I - Calipatria Solar Farm I	Solar	CA	W4778	63015		59088	272	-	272	272	-	-	-
CalRENEW-1 - CalRENEW-1	Solar	CA	W1519	60475		56768	11	-	11	11	-	-	-
Camanche - Camanche 1,2,&3	Eligible hydro	CA	W243	60535		537	557	-	557	557	-	-	-
Cameron Ridge LLC (IV) - Cameron Ridge LLC (IV)	Wind	CA	W457	60406		10586	30	-	30	30	-	-	-
Campo Verde Solar Project - Campo Verde Solar	Solar	CA	W3591	60652		58467	2,444	-	2,444	2,444	-	-	-
Cantua Solar Station - Cantua Solar Station	Solar	CA	W2580	61823		57522	169	-	169	169	-	-	-
Cape Scott Wind - Cape Scott Wind	Wind	BC	W3959	60600	P149		2,104	-	2,104	2,104	-	-	-
Catalina Solar 2, LLC - Catalina Solar 2, LLC	Solar	CA	W4263	62428		59334	86	-	86	86	-	-	-
Catalina Solar Phase 1 - Catalina Solar Phase 1	Solar	CA	W2785	61590		57708	1,313	-	1,313	1,313	-	-	-
Catalina Solar Phase 2 - Catalina Solar Phase 2	Solar	CA	W3885	61590		59334	672	-	672	672	-	-	-
CED Atwell Island West - CED Atwell Island West	Solar	CA	W4691	62468		59414	84	-	84	84	-	-	-
CED Corcoran - CED Corcoran	Solar	CA	W3408	60948		59900	351	-	351	351	-	-	-
CED Corcoran Solar 2, LLC - CED Corcoran Solar 2, LLC	Solar	CA	W4681	61820		59413	132	-	132	132	-	-	-
CED Ducor Solar 1, LLC - CED Ducor Solar 1, LLC	Solar	CA	W5350	62882		60078	34	-	34	34	-	-	-
CED Ducor Solar 2, LLC - CED Ducor Solar 2, LLC	Solar	CA	W5351	62881		60079	34	-	34	34	-	-	-
CED Ducor Solar 3, LLC - CED Ducor Solar 3, LLC	Solar	CA	W5353	62884		60080	43	-	43	43	-	-	-
CED Ducor Solar 4, LLC - CED Ducor Solar 4, LLC	Solar	CA	W5352	62883		60081	57	-	57	57	-	-	-
CED Lost Hills Solar, LLC - Frontier Solar	Solar	CA	W7139	62516		60039	38,644	-	38,644	-	-	-	-
CED Lost Hills Solar, LLC - Frontier Solar	Solar	CA	W7139	62516		60039	1,465	-	1,465	-	-	-	-
CED White River Solar - CED White River Solar	Solar	CA	W3406	60949		58373	453	-	453	453	-	-	-
CED Wistaria Solar, LLC - Wistaria Ranch Solar	Solar	CA	W7130	62623		61750	115	-	115	115	-	-	-
Centinela Solar Energy - CSE - Block 1F	Solar	CA	W3961	60837		58430	467	-	467	467	-	-	-
Centinela Solar Energy - CSE - Block 1G	Solar	CA	W3964	60837		58430	886	-	886	886	-	-	-
Centinela Solar Energy - CSE - Block 1H	Solar	CA	W4011	60837		58430	515	-	515	515	-	-	-
Centinela Solar Energy - CSE - Block 2B	Solar	CA	W4132	60837		58430	131	-	131	131	-	-	-
Centinela Solar Energy - CSE - Block 2C	Solar	CA	W4133	60837		58430	288	-	288	288	-	-	-
Centinela Solar Energy - CSE - Block 2D	Solar	CA	W4134	60837		58430	549	-	549	549	-	-	-
Centinela Solar Energy - CSE - Blocks 1D & 1E	Solar	CA	W3880	60837		58430	837	-	837	837	-	-	-
Central Antelope Dry Ranch C, LLC - Central Antelope Dry Ranch C, LLC	Solar	CA	W5006	61324		59963	111	-	111	111	-	-	-
Chino South Building E - San Antonio West Solar Rooftop	Solar	CA	W2979	61940		57904	4	-	4	4	-	-	-
CID Solar - Corcoran Irrigation District - CID Solar, LLC	Solar	CA	W4227	62285		59183	194	-	194	194	-	-	-
Citizen Solar B, LLC - Citizen Solar B	Solar	CA	W4840	61488		59738	13	-	13	13	-	-	-

Clines Corners B - Clines Corners Wind Farm LLC	Wind	NM	W12058	64716		64054	14,000	-	14,000	14,000	-	-	-
CM10 - CM10	Solar	NV	W883	60713		56944	199	-	199	199	-	-	-
CM48 - CM48	Solar	NV	W1460	60786		57205	1,031	-	1,031	1,031	-	-	-
Coleman Powerhouse - Coleman Powerhouse	Eligible hydro	CA	W347	60037		227	375	-	375	375	-	-	-
Colgreen North Shore - Colgreen North Shore	Solar	CA	W2783	61666		60825	156,302	50,000	106,302	106,302	-	-	-
Copper Mountain Solar 2 - CMS 2 (1)	Solar	NV	W2818	60990		58017	381	-	381	381	-	-	-
Copper Mountain Solar 2 - CMS 2 (2)	Solar	NV	W2943	60990		58017	338	-	338	338	-	-	-
Copper Mountain Solar 2 - CMS 2 (3)	Solar	NV	W3201	60990		58017	338	-	338	338	-	-	-
Copper Mountain Solar 2 - CMS 2 (4)	Solar	NV	W4555	60990		58017	341	-	341	341	-	-	-
Copper Mountain Solar 2 - CMS 2 (5)	Solar	NV	W4589	60990		58017	401	-	401	401	-	-	-
Copper Mountain Solar 4 - Copper Mountain Solar 4, LLC	Solar	NV	W5023	62662		59814	234	-	234	234	-	-	-
Coram Brodie Wind Project - Brookfield Tehachapi 1	Wind	CA	W2773	60973		54750	2,203	-	2,203	2,203	-	-	-
Coram Energy LLC (ECT) - Coram Energy LLC (ECT)	Wind	CA	W317	60029		54299	165	-	165	165	-	-	-
Coram Energy, LLC - Coram Energy, LLC	Wind	CA	W318	60028		54299	11	-	11	11	-	-	-
Coronal Lost Hills, LLC - Coronal Lost Hills, LLC	Solar	CA	W4631	62235		59638	78	-	78	78	-	-	-
Cow Creek Powerhouse - Cow Creek Powerhouse	Eligible hydro	CA	W348	60038		229	18	-	18	18	-	-	-
Crane Valley Powerhouse - Crane Valley Powerhouse	Eligible hydro	CA	W349	60039		230	36	-	36	36	-	-	-
CSolar IV South - ISEC South 11-12	Solar	CA	W3553	61657		57490	583	-	583	583	-	-	-
CSolar IV South - ISEC South 1-3	Solar	CA	W3278	61657		57490	844	-	844	844	-	-	-
CSolar IV South - ISEC South 13-15	Solar	CA	W3620	61657		57490	220	-	220	220	-	-	-
CSolar IV South - ISEC South 4-6	Solar	CA	W3511	61657		57490	207	-	207	207	-	-	-
CSolar IV South - ISEC South 7-10	Solar	CA	W3531	61657		57490	173	-	173	173	-	-	-
CSolar IV West - ISEC West 1	Solar	CA	W4446	62278		57491	863	-	863	863	-	-	-
CSolar IV West - ISEC West 2	Solar	CA	W4664	62278		57491	1,322	-	1,322	1,322	-	-	-
CSolar IV West - ISEC West 3	Solar	CA	W4828	62278		232	272	-	272	272	-	-	-
CSolar IV West - ISEC West 4	Solar	CA	W4844	62278		57491	486	-	486	486	-	-	-
Cuyama Solar - Cuyama Solar	Solar	CA	W5611	61891		60043	376	-	376	376	-	-	-
De Sabla Powerhouse - De Sabla Powerhouse	Eligible hydro	CA	W351	60041		232	519	-	519	519	-	-	-
Deer Creek Powerhouse - Deer Creek Powerhouse	Eligible hydro	CA	W350	60040		233	112	-	112	112	-	-	-
Desert Green Solar Farm - Desert Green Solar Farm	Solar	CA	W4365	62046		57959	67	-	67	67	-	-	-
Desert Stateline LLC - Stateline Solar, Block 1	Solar	CA	W4849	60936		58646	330	-	330	330	-	-	-
Desert Stateline LLC - Stateline Solar, Block 2	Solar	CA	W4881	60936		58646	330	-	330	330	-	-	-
Desert Stateline LLC - Stateline Solar, Block 3	Solar	CA	W4882	60936		58646	296	-	296	296	-	-	-
Desert Stateline LLC - Stateline Solar, Block 4	Solar	CA	W4914	60936		58646	330	-	330	330	-	-	-
Desert Stateline LLC - Stateline Solar, Block 5	Solar	CA	W4946	60936		58646	330	-	330	330	-	-	-
Desert Stateline LLC - Stateline Solar, Block 6	Solar	CA	W4965	60936		58646	330	-	330	330	-	-	-
Desert Stateline LLC - Stateline Solar, Block 7	Solar	CA	W5021	60936		58646	217	-	217	217	-	-	-
Desert Stateline LLC - Stateline Solar, Block 7 R	Solar	CA	W5067	60936		58646	113	-	113	113	-	-	-
Desert Stateline LLC - Stateline Solar, Block 8	Solar	CA	W5068	60936		58646	296	-	296	296	-	-	-
Desert Sunlight 250 - Desert Sunlight 250, Block 12	Solar	CA	W3965	60940		58542	294	-	294	294	-	-	-
Desert Sunlight 250 - Desert Sunlight 250, Block 13	Solar	CA	W3966	60940		58542	294	-	294	294	-	-	-
Desert Sunlight 250 - Desert Sunlight 250, Block 14	Solar	CA	W4097	60940		58542	200	-	200	200	-	-	-
Desert Sunlight 250 - Desert Sunlight 250, Block 15	Solar	CA	W4098	60940		58542	104	-	104	104	-	-	-
Desert Sunlight 250 - Desert Sunlight 250, Block 18	Solar	CA	W4189	60940		58542	218	-	218	218	-	-	-
Desert Sunlight 250 - Desert Sunlight 250, Block 19	Solar	CA	W4453	60940		58542	190	-	190	190	-	-	-
Desert Sunlight 250 - Desert Sunlight 250, Blocks 16, 17, 20	Solar	CA	W3884	60940		58542	580	-	580	580	-	-	-
DESERT SUNLIGHT 300, LLC - DSL-BLK01 - 04	Solar	CA	W3793	61068		57993	3,336	-	3,336	3,336	-	-	-
DESERT SUNLIGHT 300, LLC - DSL-BLK05 & 06	Solar	CA	W3798	61068		57993	1,092	-	1,092	1,092	-	-	-
DESERT SUNLIGHT 300, LLC - DSL-BLK07 & 08	Solar	CA	W3800	61068		57993	525	-	525	525	-	-	-
DESERT SUNLIGHT 300, LLC - DSL-BLK09	Solar	CA	W3801	61068		57993	653	-	653	653	-	-	-
DESERT SUNLIGHT 300, LLC - DSL-BLK10 & 11	Solar	CA	W3783	61068		57993	1,092	-	1,092	1,092	-	-	-
Diablo Winds, LLC - Diablo Winds, LLC	Wind	CA	W762	60030		56271	178	-	178	178	-	-	-
Dillon - Dillon Wind LLC	Wind	CA	W728	60542		56791	765	-	765	765	-	-	-
Dokie Wind - Dokie Wind	Wind	BC	W1992	61360	P150		2,726	-	2,726	2,726	-	-	-
Dutch Flat #2 Powerhouse - Dutch Flat #2 Powerhouse	Eligible hydro	CA	W488	60264		413	233	-	233	233	-	-	-
Dutch Flat No. 1 Powerhouse - Dutch Flat No. 1 Powerhouse	Eligible hydro	CA	W352	60042		237	1,218	-	1,218	1,218	-	-	-
EDF Renewable Wind Farm V, Inc. - LaBrisa Wind Project	Wind	CA	W732	64042		54453	4,064	-	4,064	4,064	-	-	-
El Cabo Wind - El Cabo Wind	Wind	NM	W5788	62786		58098	1,316	-	1,316	1,316	-	-	-
El Dorado - Montgomery Creek Hydro	Eligible hydro	CA	W589	60154		55009	4,483	-	4,483	4,483	-	-	-
ESJ Wind - Energia Sierra Juarez Wind Energy	Wind	CA	W4337	60519	P205		927	-	927	927	-	-	-
ESJ Wind - Energia Sierra Juarez Wind Energy - Block #2-4	Wind	CA	W4620	60519	P205		729	-	729	729	-	-	-
ESJ Wind - Energia Sierra Juarez Wind Energy - Block #5	Wind	CA	W4627	60519	P205		460	-	460	460	-	-	-
ESJ Wind - Energia Sierra Juarez Wind Energy - Block #6	Wind	CA	W4673	60519	P205		1,119	-	1,119	1,119	-	-	-
ESJ Wind 2 - Energia Sierra Juarez Wind 2	Wind	CA	W12025	64016	P198		1,313	-	1,313	1,313	-	-	-
ESJ Wind 2 - Energia Sierra Juarez Wind 2 - 105	Wind	CA	W12026	64016	P198		1,126	-	1,126	1,126	-	-	-
Five Points Solar Station - Five Points Solar Station	Solar	CA	W2201	61432		57498	188	-	188	188	-	-	-
Fontana - Fontana	Eligible hydro	CA	W326	60451		332	31	-	31	31	-	-	-
FPL Energy Montezuma Wind - FPL Energy Montezuma Wind	Wind	CA	W1745	60543		57201	911	-	911	911	-	-	-
Freeway Springs, LLC - Freeway Springs, LLC	Solar	CA	W5385	63031A		60183	1	-	1	1	-	-	-
FTS Master Tenant 1, LLC - A - FTS Master Tenant 1, LLC - A	Solar	CA	W4180	61318		58761	8	-	8	8	-	-	-
FTS Master Tenant 1, LLC - B - FTS Master Tenant 1, LLC - B	Solar	CA	W4181	61319		58762	10	-	10	10	-	-	-
Garnet Solar Power Generation Station 1, LLC - Garnet Solar Power Generation Station	Solar	CA	W4506	61182		58528	25	-	25	25	-	-	-
Gates Solar Station - Gates Solar Station	Solar	CA	W3477	62353		57892	187	-	187	187	-	-	-

GENESIS SOLAR, LLC - SGN-1	Solar	CA	W3790	60605		57394	3,504	-	3,504	3,504	-	-	-
GENESIS SOLAR, LLC - SGN2	Solar	CA	W3791	60605		57394	3,400	-	3,400	3,400	-	-	-
Geysers Power Plant - Aidlin Power Plant	Geothermal	CA	W484	60115		286	652	-	652	652	0.0351	23	-
Geysers Power Plant - Calistoga Power Plant	Geothermal	CA	W486	60117		286	16,158	-	16,158	16,158	0.0351	567	-
Geysers Power Plant - Calistoga Power Plant	Geothermal	CA	W486	60117		286	61	-	61	61	0.0351	2	-
Geysers Power Plant - Calpine Geothermal Unit 11	Geothermal	CA	W119	60025		286	1,929	-	1,929	1,929	0.0351	68	-
Geysers Power Plant - Calpine Geothermal Unit 12	Geothermal	CA	W120	60004		286	129	-	129	129	0.0351	5	-
Geysers Power Plant - Calpine Geothermal Unit 13	Geothermal	CA	W121	60005		286	112	-	112	112	0.0351	4	-
Geysers Power Plant - Calpine Geothermal Unit 14	Geothermal	CA	W122	60026		286	1,049	-	1,049	1,049	0.0351	37	-
Geysers Power Plant - Calpine Geothermal Unit 16	Geothermal	CA	W123	60006		286	4,650	-	4,650	4,650	0.0351	163	-
Geysers Power Plant - Calpine Geothermal Unit 17	Geothermal	CA	W124	60007		286	5,235	-	5,235	5,235	0.0351	184	-
Geysers Power Plant - Calpine Geothermal Unit 18	Geothermal	CA	W125	60008		286	24	-	24	24	0.0351	1	-
Geysers Power Plant - Calpine Geothermal Unit 20	Geothermal	CA	W126	60009		286	5,325	-	5,325	5,325	0.0351	187	-
Geysers Power Plant - Calpine Geothermal Unit 5/6	Geothermal	CA	W117	60002		286	4,767	-	4,767	4,767	0.0351	167	-
Geysers Power Plant - Calpine Geothermal Unit 7-8	Geothermal	CA	W118	60003		286	3,109	-	3,109	3,109	0.0351	109	-
Geysers Power Plant - Sonoma/Calpine Geysers	Geothermal	CA	W127	60010		286	681	-	681	681	0.0351	24	-
Giffen Solar Station - Giffen Solar Station	Solar	CA	W2581	61822		57521	66	-	66	66	-	-	-
Glacier Wind 1 - Glacier Wind 1	Wind	MT	W818	60708		57049	1,585	-	1,585	1,585	-	-	-
Glacier Wind 2 - Glacier Wind 2	Wind	MT	W1318	60709		57049	1,823	-	1,823	1,823	-	-	-
Golden Solar, LLC - Dulles - Golden Solar, LLC - Dulles	Solar	CA	W5227	63030A		60182	1	-	1	1	-	-	-
Golden Springs Building D - Golden Springs Development Company, LLC	Solar	CA	W2830	61624		57797	8	-	8	8	-	-	-
Golden Springs Building F, LLC - Golden Springs Building F, LLC	Solar	CA	W5479	63032A		60153	2	-	2	2	-	-	-
Golden Springs Development Company LLC - Building H - Santa Fe Springs Rooftop Solar	Solar	CA	W4609	62745		58913	2	-	2	2	-	-	-
Golden Springs Development Company LLC - Building M - Santa Fe Springs Rooftop Solar	Solar	CA	W4610	62746		58912	3	-	3	3	-	-	-
Golden Springs Development Company, LLC - Building G	Solar	CA	W5480	63033A		60151	1	-	1	1	-	-	-
Goshen Phase II LLC - Goshen Phase II LLC	Wind	ID	W1740	60691		57211	1,579	-	1,579	1,579	-	-	-
Great Valley Solar 3, LLC - RE Tranquility 8 Azul	Solar	CA	W5866	63281		59940	47	-	47	47	-	-	-
Guernsey Solar Station - Guernsey Solar Station	Solar	CA	W3476	62354		57891	121	-	121	121	-	-	-
Halkirk I Wind Facility - Halkirk I Wind Facility	Wind	AB	W2900	60989	P208	57200	4,482	-	4,482	4,482	-	-	-
Harvest Wind - Harvest Wind	Wind	WA	W1306	60857		57152	4,543	-	4,543	4,543	-	-	-
Hat Creek No. 1 Powerhouse - Hat Creek No. 1 Powerhouse	Eligible hydro	CA	W355	60045		243	250	-	250	250	-	-	-
Hat Creek No. 2 Powerhouse - Hat Creek No. 2 Powerhouse	Eligible hydro	CA	W356	60046		244	76	-	76	76	-	-	-
Hatchet Ridge - Hatchet Ridge	Wind	CA	W1600	60741		56654	2,729	-	2,729	2,729	-	-	-
Henrietta Solar Plant - Parrey, LLC	Solar	CA	W5056	61841		58975	1,171	-	1,171	1,171	-	-	-
Highlander Solar 1, LLC - Highlander Solar 1, LLC	Solar	CA	W3663	61157		58234	80	-	80	80	-	-	-
Highlander Solar 2, LLC - Highlander Solar 2, LLC	Solar	CA	W3664	61158		58227	59	-	59	59	-	-	-
Horseshoe Bend Wind, LLC - Horseshoe Bend Wind, LLC	Wind	OR	W2067	61669		56591	3,376	-	3,376	3,376	-	-	-
Huron Solar Station - Huron Solar Station	Solar	CA	W2579	61821		57523	156	-	156	156	-	-	-
Imperial Valley Solar 3, LLC - Mount Signal Solar Farm V	Solar	CA	W7036	61849		61202	758	-	758	758	-	-	-
Imperial Valley Solar, LLC - Imperial Valley Solar 1, LLC - IVS1 Stage 1	Solar	CA	W3592	61292		58062	1,134	-	1,134	1,134	-	-	-
Imperial Valley Solar, LLC - Imperial Valley Solar 1, LLC - IVS1 Stage 2	Solar	CA	W3931	61292		58062	1,436	-	1,436	1,436	-	-	-
Industry Metrolink PV 1 - Industry Metrolink PV 1	Solar	CA	W2840	61819		57860	2	-	2	2	-	-	-
Ivanpah - Unit 1	Solar	CA	W3189	62273		57074	2,518	-	2,518	2,518	0.0596	150	-
Ivanpah - Unit 3	Solar	CA	W3190	62275		57075	1,869	-	1,869	1,869	0.0596	111	-
Jacumba Solar, LLC - Jacumba Solar Farm	Solar	CA	W5601	63057		60947	51	-	51	51	-	-	-
Java Solar - Java Solar	Solar	CA	W13698	63137	P386	57200	117	-	117	117	-	-	-
Kansas - Kansas	Solar	CA	W4192	61263		58985	193	-	193	193	-	-	-
Kennedy 2 - Kennedy 2	Solar	CA	W2767	61239		57534	2	-	2	2	-	-	-
Kennedy 3 - Kennedy 3	Solar	CA	W2768	61240		57535	2	-	2	2	-	-	-
Kent South - Kent South	Solar	CA	W4193	61262		58991	205	-	205	205	-	-	-
Kern River 1 - Kern River 1	Eligible hydro	CA	W330	60455		340	930	-	930	930	-	-	-
Kittitas Valley Wind Farm - Sagebrush Power Partners, LLC	Wind	WA	W1876	60939		56858	10,302	-	10,302	10,302	-	-	-
Klondike III - Klondike Wind Power III LLC	Wind	OR	W237	60602		56468	15,156	-	15,156	15,156	-	-	-
Kumeyaay Wind Farm - Kumeyaay Wind Farm	Wind	CA	W138	60432		56295	1,117	-	1,117	1,117	-	-	-
Lancaster Dry Farm Ranch B, LLC - Lancaster Dry Farm Ranch B, LLC	Solar	CA	W4418	61315		58750	48	-	48	48	-	-	-
Lancaster Little Rock C LLC - Lancaster Little Rock C LLC	Solar	CA	W4492	61311		59262	18	-	18	18	-	-	-
Lone Valley Solar Park I, LLC - Lone Valley Solar Park I, LLC	Solar	CA	W4427	61458		58417	58	-	58	58	-	-	-
Lone Valley Solar Park II, LLC - Lone Valley Solar Park II, LLC	Solar	CA	W4428	61452		59237	124	-	124	124	-	-	-
Longboat Solar, LLC - Longboat Solar, LLC	Solar	CA	W5306	62805		60485	29	-	29	29	-	-	-
Lost Hills - Lost Hills Solar, LLC	Solar	CA	W4586	61893		58712	246	-	246	246	-	-	-
Lundy - Lundy	Eligible hydro	CA	W331	60456		342	24	-	24	24	-	-	-
Lundy - Lundy - Unit 2	Eligible hydro	CA	W560	60456		342	24	-	24	24	-	-	-
Lytle Creek - Lytle Creek	Eligible hydro	CA	W391	60457	P348	57200	4	-	4	4	-	-	-
Mammoth Pacific L. P. (MP1) - Mammoth Pacific L. P. (MP1)	Geothermal	CA	W417	60306		10480	288	-	288	288	0.0702	20	-
Mammoth Pacific L. P. I (PLES) - Mammoth Pacific L. P. I (PLES)	Geothermal	CA	W416	60315		10479	520	-	520	520	0.0702	37	-
Manzana - Manzana Wind LLC	Wind	CA	W3105	61671		57484	2,179	-	2,179	2,179	-	-	-
Maricopa West Solar PV - Maricopa West Solar PV	Solar	CA	W4712	61665		59607	379	-	379	379	-	-	-
Master Development - Corona, CA (1351 Railroad) - Master Development - Corona, CA	Solar	CA	W3497	61735	P306	57200	4	-	4	4	-	-	-
Maverick Solar, LLC - Maverick Solar, LLC	Solar	CA	W10973	63321		62178	321	-	321	321	-	-	-
McCoy Solar, LLC - Genesis McCoy Solar Energy Center, Block 1	Solar	CA	W4935	62091		58462	213	-	213	213	-	-	-
McCoy Solar, LLC - Genesis McCoy Solar Energy Center, Block 2	Solar	CA	W4936	62091		58462	106	-	106	106	-	-	-
McCoy Solar, LLC - Genesis McCoy Solar Energy Center, Block 3	Solar	CA	W5016	62091		58462	97	-	97	97	-	-	-
McCoy Solar, LLC - Genesis McCoy Solar Energy Center, Block 4	Solar	CA	W4763	62091		58462	160	-	160	160	-	-	-

McCoy Solar, LLC - Genesis McCoy Solar Energy Center, Block 5	Solar	CA	W4826	62091	58462	160	-	160	160	-	-	-
McCoy Solar, LLC - Genesis McCoy Solar Energy Center, Block 6	Solar	CA	W4827	62091	58462	137	-	137	137	-	-	-
McCoy Solar, LLC - Genesis McCoy Solar Energy Center, Block 7	Solar	CA	W4879	62091	58462	213	-	213	213	-	-	-
McCoy Solar, LLC - Genesis McCoy Solar Energy Center, Block 8	Solar	CA	W4630	62091	58462	186	-	186	186	-	-	-
Mesquite Solar 1 (10) - Mesquite Solar 1 (10)	Solar	AZ	W3205	60875	57707	336	-	336	336	-	-	-
Mesquite Solar 1 (11) - Mesquite Solar 1 (11)	Solar	AZ	W3130	60875	57707	380	-	380	380	-	-	-
Mesquite Solar 1 (12) - Mesquite Solar 1 (12) - Mesquite Solar 1 (12)	Solar	AZ	W3183	60875	57707	381	-	381	381	-	-	-
Mesquite Solar 1 (1-3) - Mesquite Solar 1 (1-3)	Solar	AZ	W2399	60875	57707	1,001	-	1,001	1,001	-	-	-
Mesquite Solar 1 (4) - Mesquite Solar 1 (4)	Solar	AZ	W2755	60875	57707	380	-	380	380	-	-	-
Mesquite Solar 1 (5) - Mesquite Solar 1 (5)	Solar	AZ	W2784	60875	57707	380	-	380	380	-	-	-
Mesquite Solar 1 (6) - Mesquite Solar 1 (6)	Solar	AZ	W2807	60875	57707	189	-	189	189	-	-	-
Mesquite Solar 1 (7) - Mesquite Solar 1 (7)	Solar	AZ	W2841	60875	57707	380	-	380	380	-	-	-
Mesquite Solar 1 (8) - Mesquite Solar 1 (8)	Solar	AZ	W2871	60875	57707	284	-	284	284	-	-	-
Mesquite Solar 1 (9) - Mesquite Solar 1 (9)	Solar	AZ	W3095	60875	57707	380	-	380	380	-	-	-
Mesquite Solar 2, LLC - Mesquite Solar 2, LLC	Solar	AZ	W5299	62664	60307	285	-	285	285	-	-	-
Mesquite Solar 3, LLC - Mesquite Solar 3 (1)	Solar	AZ	W4959	62897	60308	18,729	-	18,729	18,729	-	-	-
Michael E. Bowler Memorial Solar Farm - Westlands Solar Farm PV-1	Solar	CA	W3963	61755	58616	198	-	198	198	-	-	-
Midway Solar Farm I - Midway Solar Farm I	Solar	CA	W5367	61295	60336	616	-	616	616	-	-	-
Midway Solar Farm III - Midway Solar Farm III	Solar	CA	W5920	61296	60315	355	-	355	355	-	-	-
Mill Creek 3 - Mill Creek 3 - Unit 3	Eligible hydro	CA	W332	60459	7147	15	-	15	15	-	-	-
Mill Creek 3 - Mill Creek 3 - Unit 4	Eligible hydro	CA	W555	60459	7147	15	-	15	15	-	-	-
Mill Creek 3 - Mill Creek 3 - Unit 5	Eligible hydro	CA	W556	60459	7147	15	-	15	15	-	-	-
MM San Diego - Miramar - MM San Diego Energy, LLC - Miramar	Biomass & biowaste	CA	W424	60481	55094	35	-	35	35	0.0033	-	0
Mojave Solar Project - Mojave Solar Project - Alpha	Solar	CA	W4255	60848	57331	3,368	-	3,368	3,368	-	-	-
Mojave Solar Project - Mojave Solar Project - Beta	Solar	CA	W4450	60848	57331	3,368	-	3,368	3,368	-	-	-
Monterey Regional Waste Management District - MRWMD U1C06	Biomass & biowaste	CA	W540	60107	10748	2,322	-	2,322	2,322	0.0029	-	7
Monterey Regional Waste Management District - MRWMD U2J02	Biomass & biowaste	CA	W770	60107	10748	1,451	-	1,451	1,451	0.0029	-	4
Monterey Regional Waste Management District - MRWMD U3J98	Biomass & biowaste	CA	W771	60107	10748	1,451	-	1,451	1,451	0.0029	-	4
Monterey Regional Waste Management District - MRWMD U4J09	Biomass & biowaste	CA	W541	60107	10748	2,068	-	2,068	2,068	0.0029	-	6
Montezuma Wind II - Nextera Energy Montezuma II Wind	Wind	CA	W2400	61345	57701	1,966	-	1,966	1,966	-	-	-
Mound Solar Partnership XI, LLC - Antelope Valley Solar AVS Lancaster I	Solar	CA	W5744	63713	60085	6	-	6	6	-	-	-
Mount Signal Solar Farm II - Mount Signal Solar Farm II	Solar	CA	W7762	61648	61353	440	-	440	440	-	-	-
Mountain View Power Partners IV - Mountain View IV	Wind	CA	W2519	60487	57459	964	-	964	964	-	-	-
Mt. Poso Cogeneration Facility - MTNPOS_1_UNIT	Biomass & biowaste	CA	W1091	60695	54626	2,320	-	2,320	2,320	0.0394	-	91
Mustang Hills, LLC - Mustang Hills, LLC	Wind	CA	W2482	61287	57833	1,243	-	1,243	1,243	-	-	-
Narrows No. 1 Powerhouse - Narrows No. 1 Powerhouse	Eligible hydro	CA	W363	60052	262	7,408	-	7,408	7,408	-	-	-
Nevada Irrigation District - Bowman Hydro Project	Eligible hydro	CA	W635	60171	50546	76	-	76	76	-	-	-
Newcastle Powerhouse - Newcastle Powerhouse	Eligible hydro	CA	W364	60053	632	189	-	189	189	-	-	-
Nicolis, LLC - Nicolis Solar PV Plant	Solar	CA	W5131	61667	59600	184	-	184	184	-	-	-
North Brawley Project - OEC 1 - North Brawley	Geothermal	CA	W861	60640A	56832	6	-	6	6	0.5963	-	4
North Brawley Project - OEC 2 - North Brawley	Geothermal	CA	W862	60640A	56832	6	-	6	6	0.5963	-	4
North Brawley Project - OEC 3 - North Brawley	Geothermal	CA	W863	60640A	56832	6	-	6	6	0.5963	-	4
North Brawley Project - OEC 4 - North Brawley	Geothermal	CA	W864	60640A	56832	6	-	6	6	0.5963	-	4
North Brawley Project - OEC 5 - North Brawley	Geothermal	CA	W865	60640	56832	30	-	30	30	0.5963	-	18
North Hurlburt Wind, LLC - North Hurlburt Wind, LLC	Wind	OR	W2065	60606	57526	3,287	-	3,287	3,287	-	-	-
North Lancaster Ranch, LLC - North Lancaster Ranch, LLC	Solar	CA	W5386	61538	59962	102	-	102	102	-	-	-
North Palm Springs 1A - North Palm Springs 1A	Solar	CA	W2783	61196	57743	20	-	20	20	-	-	-
North Palm Springs 4A - North Palm Springs 4A	Solar	CA	W3230	61197	57722	38	-	38	38	-	-	-
North Rosamond Solar, LLC - North Rosamond Solar, LLC	Solar	CA	W7426	62290	59879	323	-	323	323	-	-	-
North Sky River - North Sky River - Phase I	Wind	CA	W3206	61385	58154	1,933	-	1,933	1,933	-	-	-
North Star Solar - North Star Solar, LLC	Solar	CA	W4629	61198	58713	1,358	-	1,358	1,358	-	-	-
NRG Solar Borrego I - NRG Solar Borrego I	Solar	CA	W2874	61211	57455	507	-	507	507	-	-	-
NRG Solar Oasis LLC - Oasis Solar	Solar	CA	W4700	62514	59528	100	-	100	100	-	-	-
Ocotillo - Ocotillo Express LLC	Wind	CA	W3259	61400	57514	742	-	742	742	-	-	-
Ocotillo 2 - Ocotillo Express LLC	Wind	CA	W3692	61400	57514	3,483	-	3,483	3,483	-	-	-
Old River One - Old River One	Solar	CA	W4194	60853	58986	172	-	172	172	-	-	-
Oltmans SCE at Champagne - California PV Energy at Champagne	Solar	CA	W3923	62292	58581	3	-	3	3	-	-	-
Ontario 1 - Ontario 1	Eligible hydro	CA	W393	60460	P350	11	-	11	11	-	-	-
Ontario 2 - Ontario 2	Eligible hydro	CA	W394	60461	P351	5	-	5	5	-	-	-
Orion Solar I - Orion Solar I, LLC	Solar	CA	W3981	61570	58718	145	-	145	145	-	-	-
Orion Solar II, LLC - Orion Solar II, LLC	Solar	CA	W4186	61571	58721	43	-	43	43	-	-	-
Ormat Dixie Valley, LLC - Ormat Dixie Valley, LLC	Geothermal	NV	W334	60313	52015	1,674	-	1,674	1,674	0.0635	-	106
Ormat Dixie Valley, LLC - Ormat Dixie Valley, LLC - Binary Unit	Geothermal	NV	W7146	60313	52015	160	-	160	160	0.0635	-	10
Pacific Wind, LLC - Pacific Wind, LLC	Wind	CA	W2779	61555	57757	2,260	-	2,260	2,260	-	-	-
Panoche Valley Solar - Panoche Valley Solar	Solar	CA	W5851	60858	57340	136	-	136	136	-	-	-
Panoche Valley Solar - Panoche Valley Solar Phase 3	Solar	CA	W7275	60858	57340	96	-	96	96	-	-	-
Panoche Valley Solar - Phase 2	Solar	CA	W7186	60858	57340	75	-	75	75	-	-	-
Pardee - Pardee 1	Eligible hydro	CA	W233	60536	376	289	-	289	289	-	-	-
Pardee - Pardee 2	Eligible hydro	CA	W241	60536	376	307	-	307	307	-	-	-
Pardee - Pardee 3	Eligible hydro	CA	W242	60536	376	331	-	331	331	-	-	-
Park Meridian 1 - Kona Solar, LLC - Park Meridian 1	Solar	CA	W4577	62502	59539	3	-	3	3	-	-	-
Phoenix - Phoenix	Wind	CA	W4426	62898	264	240	-	240	240	-	-	-
Phoenix Powerhouse - Phoenix Powerhouse	Eligible hydro	CA	W366	60054	264	73	-	73	73	-	-	-

Poole - Poole	Eligible hydro	CA	W338	60462		353	197	-	197	197	-	-	-
Portal - Portal	Eligible hydro	CA	W339	60463		354	94	-	94	94	-	-	-
Portal Ridge Solar B, LLC - Portal Ridge Solar B, LLC	Solar	CA	W5546	62835		60310	44	-	44	44	-	-	-
Portal Ridge Solar C - Portal Ridge Solar C	Solar	CA	W5211	61684		60311	85	-	85	85	-	-	-
Porterville - SPVP042 - Porterville - SPVP042	Solar	CA	W1977	61241		57441	30	-	30	30	-	-	-
Potrero Hills Energy Producers - Potrero Hills Energy Producers, LLC	Biomass & biowaste	CA	W4867	63116		59952	581	-	581	581	0.0021	-	1
Pumpjack Solar - Pumpjack Solar	Solar	CA	W4413	61368		59322	84	-	84	84	-	-	-
Quality Wind - Quality Wind	Wind	BC	W3160	62247	P154		2,670	-	2,670	2,670	-	-	-
Ramona Solar Energy - SDG&E UOG Creelman	Solar	CA	W5645	63612		60995	22	-	22	22	-	-	-
Ramona Solar Facility - Sol Orchard San Diego 20 / Ramona 1	Solar	CA	W3863	61840		58909	24	-	24	24	-	-	-
Ramona Solar Facility - Sol Orchard San Diego 21 / Ramona 2	Solar	CA	W3864	62435		58911	64	-	64	64	-	-	-
Rancho Cucamonga Distribution Center 1 - Kona Solar, LLC - Rancho Cucamonga Distr	Solar	CA	W4579	62498		59540	3	-	3	3	-	-	-
Rattlesnake Road - Rattlesnake Road	Wind	OR	W805	60553		56855	1,975	-	1,975	1,975	-	-	-
RE Adams East, LLC - RE Adams East, LLC	Solar	CA	W4344	61266		58984	67	-	67	67	-	-	-
RE Astoria 1 - RE Astoria 1	Solar	CA	W4930	62284		59976	1,318	-	1,318	1,318	-	-	-
RE Columbia 3 LLC - RE Columbia 3 LLC	Solar	CA	W3898	61162		58502	94	-	94	94	-	-	-
RE Garland - Garland	Solar	CA	W5001	62817		60233	422	-	422	422	-	-	-
RE Garland A - Garland A	Solar	CA	W5005	62818		60386	58	-	58	58	-	-	-
RE Kansas South - RE Kansas South	Solar	CA	W3109	61264		58148	257	-	257	257	-	-	-
RE Rio Grande, LLC - RE Rio Grande, LLC	Solar	CA	W3896	60823		58500	45	-	45	45	-	-	-
RE Rosamond Two LLC - RE Rosamond Two LLC	Solar	CA	W3899	60856		58499	164	-	164	164	-	-	-
RE Tranquility - RE Tranquility	Solar	CA	W4898	61269		59939	557	-	557	557	-	-	-
RE Victor Phelan Solar One LLC - RE Victor Phelan Solar One LLC	Solar	CA	W3897	60838		58202	188	-	188	188	-	-	-
Redlands Distribution Center #1 (RDC1) SPVP #5 - Redlands Distribution Center #1 (RD	Solar	CA	W1972	61235		57219	2	-	2	2	-	-	-
Redlands Distribution Center #10 (RDC10) - Redlands Distribution Center #10 (RDC10)	Solar	CA	W4513	62208		57900	5	-	5	5	-	-	-
Redlands Distribution Center #3 (RDC3) SPVP #7 - Redlands Distribution Center #3 (RD	Solar	CA	W1973	61236		57221	1	-	1	1	-	-	-
Redlands Distribution Center #4 (RDC4) - Redlands Distribution Center #4 (RDC4)	Solar	CA	W2758	61742		57225	1	-	1	1	-	-	-
Regulus Solar, LLC - Regulus Solar, LLC	Solar	CA	W4387	61428		57650	594	-	594	594	-	-	-
Rialto I-210 Distribution Center #2 (RI 210-2) - Rialto I-210 Distribution Center #2 (RI 210	Solar	CA	W2765	61747		57245	10	-	10	10	-	-	-
Rim Rock - Rim Rock Energy	Wind	MT	W2898	60874		57995	3,663	-	3,663	3,663	-	-	-
Rio Bravo Fresno - Rio Bravo Fresno	Biomass & biowaste	CA	W648	60084		10767	41,476	-	41,476	41,476	0.0948	-	3,931
Rio Bravo Solar I - Rio Bravo Solar I	Solar	CA	W5346	61369		59249	56	-	56	56	-	-	-
Rio Bravo Solar II - Rio Bravo Solar II	Solar	CA	W5371	62716		59250	58	-	58	58	-	-	-
Rising Tree Wind Farm II LLC - Rising Tree Wind Farm II LLC	Wind	CA	W4445	62426		59235	240	-	240	240	-	-	-
Rising Tree Wind Farm III LLC - Rising Tree Wind Farm III LLC	Wind	CA	W4612	62469		59236	637	-	637	637	-	-	-
Rising Tree Wind Farm LLC - Rising Tree Wind Farm LLC	Wind	CA	W4444	62425		57621	476	-	476	476	-	-	-
Rock Creek - Rock Creek Unit 1	Eligible hydro	CA	W2643	62269		275	183	-	183	183	-	-	-
Rock Creek - Rock Creek Unit 2	Eligible hydro	CA	W2644	62269		275	274	-	274	274	-	-	-
Rollins Powerhouse - Rollins Powerhouse	Eligible hydro	CA	W699	60265		34	364	-	364	364	-	-	-
Rush Creek - Rush Creek	Eligible hydro	CA	W340	60464		357	98	-	98	98	-	-	-
Rush Creek - Rush Creek - Unit 2	Eligible hydro	CA	W557	60464		357	121	-	121	121	-	-	-
San Bernardino Distribution Center #1 (SBDC1) - San Bernardino Distribution Center #1	Eligible hydro	CA	W2766	61748		57247	1	-	1	1	-	-	-
San Geronio Westwinds II, LLC - San Geronio Westwinds II, LLC	Wind	CA	W518	60393		50690	34	-	34	34	-	-	-
San Joaquin No. 1-A Powerhouse - San Joaquin No. 1-A Powerhouse	Eligible hydro	CA	W345	60056		278	2	-	2	2	-	-	-
San Joaquin No. 2 Powerhouse - San Joaquin No. 2 Powerhouse	Eligible hydro	CA	W368	60057		276	3	-	3	3	-	-	-
San Marcos Energy LLC - San Marcos Energy LLC	Biomass & biowaste	CA	W707	60435		10386	77	-	77	77	1.1335	-	87
Sand Drag - Sand Drag LLC	Solar	CA	W2072	60914		57361	370	-	370	370	-	-	-
SCE - Cascade Solar	Solar	CA	W3862	60850		58590	415	-	415	415	-	-	-
SE Athos I - SE Athos I, LLC	Solar	CA	W12610	63755		63300	707,063	-	707,063	707,063	-	-	-
SEPV 1 - SEPV1	Solar	CA	W2885	61065		58073	12	-	12	12	-	-	-
SEPV 2 - SEPV 2	Solar	CA	W2886	61066		58074	10	-	10	10	-	-	-
SEPV Mojave West, LLC - SEPV Mojave West, LLC	Solar	CA	W5047	61156		59740	104	-	104	104	-	-	-
SEPV Palmdale East, LLC - SEPV Palmdale East	Solar	CA	W4713	61154		59273	49	-	49	49	-	-	-
SEPV Sierra - SEPV Sierra	Solar	CA	W11506	63160		64611	1,341	-	1,341	1,341	-	-	-
Seville Solar One - Seville Solar One	Solar	CA	W4650	62562		59722	348	-	348	348	-	-	-
Shafter Solar, LLC - Shafter Solar, LLC	Solar	CA	W4680	62325		59408	82	-	82	82	-	-	-
Shiloh III Wind Project, LLC - Shiloh III Wind Project, LLC	Wind	CA	W2142	61069		57586	2,756	-	2,756	2,756	-	-	-
Shiloh IV Wind Project, LLC - Shiloh IV Wind Project, LLC	Wind	CA	W2780	61617		57725	1,471	-	1,471	1,471	-	-	-
Shiloh Wind Project 2, LLC - Shiloh Wind Project 2, LLC	Wind	CA	W811	60639		56874	4,746	-	4,746	4,746	-	-	-
Sierra - Sierra	Eligible hydro	CA	W390	60467	P352		11	-	11	11	-	-	-
Sierra Pacific Burney Facility - Sierra Pacific Industry (Burney)	Biomass & biowaste	CA	W667	60087		50110	359	-	359	359	0.0092	-	3
Sierra Pacific Ind. (Lincoln) - Sierra Pacific Industry (Lincoln)	Biomass & biowaste	CA	W668	60088		10144	261	-	261	261	0.0109	-	3
Sierra Pacific Ind. (Quincy) - Sierra Pacific Industry (Quincy)	Biomass & biowaste	CA	W669	60089		50112	714	-	714	714	0.0479	-	34
Sierra Pacific Sonora - Sierra Pacific Sonora	Biomass & biowaste	CA	W852	60576		54517	88	-	88	88	0.0733	-	6
Sierra Solar Greenworks - Sierra Solar Greenworks	Solar	CA	W4811	61334		59431	134	-	134	134	-	-	-
Silver State Solar Power South, Block 2 and 3 - Silver State Solar Power South, Block 2	Solar	NV	W4876	61050		58644	343	-	343	343	-	-	-
Silver State Solar Power South, LLC - Silver State Solar Power South, Block 1	Solar	NV	W4829	61050		58644	139	-	139	139	-	-	-
Silver State Solar Power South, LLC - Silver State Solar Power South, Block 4	Solar	NV	W4878	61050		58644	188	-	188	188	-	-	-
Silver State Solar Power South, LLC - Silver State Solar Power South, Block 5	Solar	NV	W4947	61050		58644	184	-	184	184	-	-	-
Silver State Solar Power South, LLC - Silver State Solar Power South, Block 6	Solar	NV	W4966	61050		58644	147	-	147	147	-	-	-
Silver State Solar Power South, LLC - Silver State Solar Power South, Block 6R, 7, 8	Solar	NV	W5063	61050		58644	311	-	311	311	-	-	-
Silver State Solar Power South, LLC - Silver State Solar Power South, Block 8R	Solar	NV	W5064	61050		58644	5	-	5	5	-	-	-
Snow Mtn Hydro (Burney) - Burney Creek	Eligible hydro	CA	W673	60177		10706	2,482	-	2,482	2,482	-	-	-

Snow Mtn. Hydro - Lost Creek 1	Eligible hydro	CA	W670	60179		10708	2,020	-	2,020	2,020	-	-	-
Snow Mtn. Hydro - Lost Creek 2	Eligible hydro	CA	W671	60180		10708		918	918	918	-	-	-
Solar Alpine LLC - Solar Alpine LLC	Solar	CA	W2872	60755		57295	1,413	-	1,413	1,413	-	-	-
Solar Blythe LLC - Solar Blythe LLC	Solar	CA	W1386	60655		56939	205	-	205	205	-	-	-
Solar Partners I, LLC - Ivanpah 2	Solar	CA	W4025	62274		57073	500	-	500	500	0.0596	30	-
Solar Star California XIII, LLC - Quinto Solar Project	Solar	CA	W4825	61362		58388	575	-	575	575	-	-	-
Solar Star California XIX, LLC - AVS1 Solar Star 1 (Block 1-1)	Solar	CA	W4641	61363		58388	570	-	570	570	-	-	-
Solar Star California XIX, LLC - AVS1 Solar Star 1 (Block 1-2)	Solar	CA	W4562	61363		58388	570	-	570	570	-	-	-
Solar Star California XIX, LLC - AVS1 Solar Star 1 (Block 1-3)	Solar	CA	W4393	61363		58388	617	-	617	617	-	-	-
Solar Star California XIX, LLC - AVS1 Solar Star 1 (Block 1-4)	Solar	CA	W4678	61363		58388	263	-	263	263	-	-	-
Solar Star California XIX, LLC - AVS1 Solar Star 1 (Block 1-5A)	Solar	CA	W4064	61363		58388	401	-	401	401	-	-	-
Solar Star California XIX, LLC - AVS1 Solar Star 1 (Block 1-5B)	Solar	CA	W4392	61363		58388	158	-	158	158	-	-	-
Solar Star California XIX, LLC - AVS1 Solar Star 1 (Block 1-6)	Solar	CA	W4099	61363		58388	690	-	690	690	-	-	-
Solar Star California XX, LLC - AVS 2 Solar Star 2 (Block 2A-1)	Solar	CA	W4243	61364		58389	286	-	286	286	-	-	-
Solar Star California XX, LLC - AVS 2 Solar Star 2 (Block 2A-2)	Solar	CA	W4457	61364		58389	264	-	264	264	-	-	-
Solar Star California XX, LLC - AVS 2 Solar Star 2 (Block 2A-3)	Solar	CA	W4458	61364		58389	229	-	229	229	-	-	-
Solar Star California XX, LLC - AVS 2 Solar Star 2 (Block 2A-4)	Solar	CA	W4679	61364		58389	194	-	194	194	-	-	-
Solar Star California XX, LLC - AVS 2 Solar Star 2 (Block 2B-2)	Solar	CA	W4065	61364		58389	181	-	181	181	-	-	-
Solar Star California XX, LLC - AVS 2 Solar Star 2 (Block 2B-3)	Solar	CA	W4100	61364		58389	163	-	163	163	-	-	-
Sonoma Central Landfill Phase I - Sonoma Central Landfill Phase I	Biomass & biowaste	CA	W2888	60097		55752	5	-	5	5	0.0036	0	-
Sonoma Central Landfill Phase II - Sonoma Central Landfill Phase II	Biomass & biowaste	CA	W2960	60097		55753	5	-	5	5	0.0036	0	-
Sonoma Central Landfill Phase III - Sonoma Central Landfill Phase III	Biomass & biowaste	CA	W7035	60023		55880	1	-	1	1	0.0036	0	-
Sonora Solar Facility - Sonora Solar Facility	Solar	CA	W4481	61645		58578	839	-	839	839	-	-	-
South Hurlburt Wind, LLC - South Hurlburt Wind, LLC	Wind	OR	W2066	61668		57549	3,430	-	3,430	3,430	-	-	-
South Powerhouse - South Powerhouse	Eligible hydro	CA	W370	60059		280	196	-	196	196	-	-	-
Spaulding No. 1 Powerhouse - Spaulding No. 1 Powerhouse	Eligible hydro	CA	W371	60060		281	297	-	297	297	-	-	-
Spaulding No. 2 Powerhouse - Spaulding No. 2 Powerhouse	Eligible hydro	CA	W372	60061		282	129	-	129	129	-	-	-
Spaulding No. 3 Powerhouse - Spaulding No. 3 Powerhouse	Eligible hydro	CA	W373	60062		283	201	-	201	201	-	-	-
SPI Anderson 2 - SPI Anderson 2	Biomass & biowaste	CA	W4674	61146		59658	569	-	569	569	0.0102	6	-
Spring Gap Powerhouse - Spring Gap Powerhouse	Eligible hydro	CA	W374	60063		284	341	-	341	341	-	-	-
SPS Alpaugh 50 - SPS Alpaugh 50	Solar	CA	W2826	60945		58003	731	-	731	731	-	-	-
SPS Alpaugh North - SPS Alpaugh North	Solar	CA	W2825	60946		58002	231	-	231	231	-	-	-
Stockton Biomass - Stockton Biomass	Biomass & biowaste	CA	W3540	60964		54238	3,590	-	3,590	3,590	0.0289	104	-
Stroud Solar Station - Stroud Solar Station	Solar	CA	W2203	61434		57497	244	-	244	244	-	-	-
Sun City Project LLC - Sun City	Solar	CA	W2073	60913		57360	380	-	380	380	-	-	-
Sun Streams, LLC - Sun Streams, LLC	Solar	AZ	W8859	62673		60827	358	-	358	358	-	-	-
SunE Solar XV Lessor, LLC - Hesperia	Solar	CA	W4261	62236		60032	7	-	7	7	-	-	-
SunE Solar XVI Lessor, LLC - SunE - Pico Rivera	Solar	CA	W4804	62725A	P304		1	-	1	1	-	-	-
SunE Solar XVI Lessor, LLC - SunE - Rochester	Solar	CA	W5219	62719A	P304		1	-	1	1	-	-	-
Sunray 2 - SEGS II - Sunray 2 - SEGS II	Solar	CA	W466	62694		10437	276	-	276	276	-	-	-
Sunray Energy 3, LLC - Sunray Energy 3, LLC @ SEGS I	Solar	CA	W465	63260		10438	33	-	33	33	-	-	-
Sunshine Gas Producers - Sunshine Gas Producers, L.L.C.	Biomass & biowaste	CA	W4144	60815		58429	1,128	-	1,128	1,128	0.0033	4	-
Sunshine Valley Solar - Sunshine Valley Solar	Solar	NV	W8128	62772		59826	243	-	243	243	-	-	-
Sycamore Energy 1 LLC - Sycamore Energy 1 LLC	Biomass & biowaste	CA	W730	60011		10387	56	-	56	56	0.0070	0	-
TA-High Desert - Antelope Power Plant	Solar	CA	W3496	60937		58149	203	-	203	203	-	-	-
Tecolote Wind - Tecolote Wind LLC	Wind	NM	W12059	64729		64066	40,000	100	39,900	39,900	-	-	-
Tehachapi Wind Resource II - Pajuela Peak - Tehachapi Wind Resource II - Pajuela Peak	Wind	CA	W508	61468		54909	161	-	161	161	-	-	-
Terra Francesco 1 - Kona Solar, LLC - Terra Francesco 1	Solar	CA	W4578	62503A		59541	2	-	2	2	-	-	-
Three Forks Water Power Project - Three Forks Water Power Project	Eligible hydro	CA	W758	60502		54308	29	-	29	29	-	-	-
TKO Power (South Bear Creek) - TKO Power (South Bear Creek)	Eligible hydro	CA	W686	60187		50156	9	-	9	9	-	-	-
Toadown Powerhouse - Toadown Powerhouse	Eligible hydro	CA	W375	60064		714	27	-	27	27	-	-	-
Topaz Solar Farms LLC - Topaz 10-16	Solar	CA	W3226	61698		57695	3,617	-	3,617	3,617	-	-	-
Topaz Solar Farms LLC - Topaz 17 - 20	Solar	CA	W3227	61698		57695	1,971	-	1,971	1,971	-	-	-
Topaz Solar Farms LLC - Topaz 1-9	Solar	CA	W3193	61698		57695	4,994	-	4,994	4,994	-	-	-
Topaz Solar Farms LLC - Topaz 21 - 22	Solar	CA	W3229	61698		57695	968	-	968	968	-	-	-
Tropico, LLC - Tropico Solar PV Plant	Solar	CA	W5132	61700		59599	132	-	132	132	-	-	-
Tucannon River Wind Farm - Tucannon River 1	Wind	WA	W4482	63027		58571	3,536	-	3,536	3,536	-	-	-
Tucannon River Wind Farm - Tucannon River 2	Wind	WA	W4483	63027		58571	20,000	-	20,000	20,000	-	-	-
Tule Wind, LLC - Tule Wind, LLC	Wind	CA	W5902	63271		57913	299	-	299	299	-	-	-
Vaca Dixon Solar Station - Vaca Dixon Solar Station	Solar	CA	W1455	60968		57041	37	-	37	37	-	-	-
Valentine Solar, LLC - Valentine Solar, LLC	Solar	CA	W8806	63026		62288	258	-	258	258	-	-	-
Valley Center Solar Facility - Sol Orchard San Diego 22 / Valley Center 1	Solar	CA	W3865	61839		58906	26	-	26	26	-	-	-
Valley Center Solar Facility - Sol Orchard San Diego 23 / Valley Center 2	Solar	CA	W3866	62436		58907	45	-	45	45	-	-	-
Vantage - Vantage Wind Energy LLC	Wind	WA	W2046	60712		57188	2,547	-	2,547	2,547	-	-	-
Vasco Winds - Vasco Winds	Wind	CA	W2401	61344		57700	2,159	-	2,159	2,159	-	-	-
Vega Solar, LLC - Vega Solar, LLC	Solar	CA	W4543	61942		59555	115	-	115	115	-	-	-
Victor Dry Farm Ranch A LLC - Victor Dry Farm Ranch A LLC	Solar	CA	W4573	61331		58418	39	-	39	39	-	-	-
Victor Dry Farm Ranch B LLC - Victor Dry Farm Ranch B LLC	Solar	CA	W4574	61332		58419	41	-	41	41	-	-	-
Volta No. 1 Powerhouse - Volta No. 1 Powerhouse	Eligible hydro	CA	W377	60066		290	19	-	19	19	-	-	-
Volta No. 2 Powerhouse - Volta No. 2 Powerhouse	Eligible hydro	CA	W378	60067		180	34	-	34	34	-	-	-
Voyager Wind I - Voyager Wind I	Wind	CA	W8807	63262		60594	394	-	394	394	-	-	-
West Gates Solar Station - West Gates Solar Station	Solar	CA	W3478	62352		58206	101	-	101	101	-	-	-
West Point Powerhouse - West Point Powerhouse	Eligible hydro	CA	W379	60068		291	900	-	900	900	-	-	-

Western Antelope Blue Sky Ranch A - WABSR A	Solar	CA	W4264	61517		58626	222	-	222	222	-	-	-
Westside Solar Station - Westside Solar Station	Solar	CA	W2202	61433		57499	185	-	185	185	-	-	-
Whitewater Hill Wind Partners - Whitewater Hill Wind Partners	Wind	CA	W835	60737		56012	8,803	-	8,803	8,803	-	-	-
Wildwood Solar - Wildwood Solar	Solar	CA	W4414	61367		59380	88	-	88	88	-	-	-
Wildwood Solar II - Wildwood Solar II	Solar	CA	W5374	62418		59253	43	-	43	43	-	-	-
Willow Springs 2 - Willow Springs 2	Solar	CA	W7213	62286		60324	243	-	243	243	-	-	-
Windstar - Windstar1	Wind	CA	W2742	60810		57774	442	-	442	442	-	-	-
Windstar - Windstar2	Wind	CA	W2743	60810		57774	482	-	482	482	-	-	-
Wise No. 1 Powerhouse - Wise No. 1 Powerhouse	Eligible hydro	CA	W380	60069		292	710	-	710	710	-	-	-
Wister Solar - Wister Solar	Solar	CA	W13900	63833		63487	198	-	198	198	-	-	-
Zephyr Park - Zephyr Park 2	Wind	CA	W495	60374		50754	45	-	45	45	-	-	-

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?
Cedar Point - Wind	Wind	CO	W2053	61442	57315	55124	200	-	200	200	0.3887	78	No
Cedar Point - Wind	Wind	CO	W2053	61442	57315	6481	2,400	-	2,400	2,400	0.9202	2,208	No
Cedar Point - Wind	Wind	CO	W2053	61442	57315	58557	6,250	-	6,250	6,250	0.3949	2,468	No
Cedar Point - Wind	Wind	CO	W2053	61442	57315	6008	550	-	550	550	-	-	No
Cedar Point - Wind	Wind	CO	W2053	61442	57315	55177	4,800	-	4,800	4,800	0.4079	1,958	No
Cedar Point - Wind	Wind	CO	W2053	61442	57315	55177	200	-	200	200	0.4079	82	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	160	7,400	-	7,400	7,400	0.8479	6,274	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	8066	400	-	400	400	1.0472	419	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	6021	2,375	-	2,375	2,375	1.0180	2,418	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	55282	4,800	-	4,800	4,800	0.3947	1,895	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	7790	2,160	-	2,160	2,160	0.9514	2,055	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	55124	2,400	-	2,400	2,400	0.3887	933	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	6481	800	-	800	800	0.9202	736	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	6481	240	-	240	240	0.9202	221	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	58557	22,500	-	22,500	22,500	0.3949	8,885	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	Unspecified	400	-	400	400	0.4280	171	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	Unspecified	1,000	-	1,000	1,000	0.4280	428	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	6008	9,100	-	9,100	9,100	-	-	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	50865	25	-	25	25	0.3980	10	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	55177	2,400	-	2,400	2,400	0.4079	979	No
Limon Wind - Limon Wind I	Wind	CO	W3157	62246	58126	6200	4,600	-	4,600	4,600	-	-	No
Meikle Wind - Meikle Wind	Wind	BC	W5189	63268	P151	BPA	1,918	-	1,918	1,918	0.0174	33	No
Meikle Wind - Meikle Wind	Wind	BC	W5189	63268	P151	6200	9	-	9	9	-	-	No
Tucannon River Wind Farm - Tucannon River 1	Wind	WA	W4482	63027	58571	3845	200	-	200	200	1.1188	224	No
Tucannon River Wind Farm - Tucannon River 1	Wind	WA	W4482	63027	58571	6076	1,040	-	1,040	1,040	1.0025	1,043	No
Tucannon River Wind Farm - Tucannon River 1	Wind	WA	W4482	63027	58571	54562	200	-	200	200	0.0654	13	No
Tucannon River Wind Farm - Tucannon River 1	Wind	WA	W4482	63027	58571	Unspecified	15,918	-	15,918	15,918	0.4280	6,813	No
Tucannon River Wind Farm - Tucannon River 2	Wind	WA	W4483	63027	58571	Unspecified	30,742	-	30,742	30,742	0.4280	13,158	No
Tucannon River Wind Farm - Tucannon River 2	Wind	WA	W4483	63027	58571	58503	1,500	-	1,500	1,500	0.3887	583	No
Tucannon River Wind Farm - Tucannon River 2	Wind	WA	W4483	63027	58571	Unspecified	400	-	400	400	0.4280	171	No

SPECIFIED NON-RENEWABLE PROCUREMENTS

Facility Name	Fuel Type	State or Province	N/A	N/A	N/A	EIA ID	Gross MWh Procured	MWh Resold	Net MWh Procured	Adjusted Net MWh Procured	GHG Emissions Factor (in MT CO ₂ e/MWh)	GHG Emissions (in MT CO ₂ e)	N/A
Balch #1 PH	Large hydro	CA				217	2,226	2,226	-	-	-	-	
Balch #2 PH	Large hydro	CA				218	5,812	5,812	-	-	-	-	
Belden	Large hydro	CA				219	2,831	2,831	-	-	-	-	
Bucks Creek	Large hydro	CA				220	880	880	-	-	-	-	
Butt Valley	Large hydro	CA				221	1,762	1,762	-	-	-	-	
Caribou 1	Large hydro	CA				222	2,344	2,344	-	-	-	-	
Caribou 2	Large hydro	CA				223	5,260	5,260	-	-	-	-	
Cresta	Large hydro	CA				231	1,417	1,417	-	-	-	-	
Drum #1	Large hydro	CA				235	1,072	1,072	-	-	-	-	
Drum #2	Large hydro	CA				236	3,174	3,174	-	-	-	-	
Electra	Large hydro	CA				239	4,746	4,746	-	-	-	-	
Haas	Large hydro	CA				240	5,996	5,996	-	-	-	-	
James B Black	Large hydro	CA				249	5,563	5,563	-	-	-	-	
Kerckhoff #2 PH	Large hydro	CA				682	6,418	6,418	-	-	-	-	
Kings River	Large hydro	CA				254	2,472	2,472	-	-	-	-	
Pit1	Large hydro	CA				265	2,329	2,329	-	-	-	-	
Pit 3	Large hydro	CA				266	4,140	4,140	-	-	-	-	
Pit 4	Large hydro	CA				267	4,873	4,873	-	-	-	-	
Pit 5	Large hydro	CA				268	8,407	8,407	-	-	-	-	
Pit 6	Large hydro	CA				269	3,109	3,109	-	-	-	-	
Pit 7	Large hydro	CA				270	3,205	3,205	-	-	-	-	
Poe	Large hydro	CA				272	7,851	7,851	-	-	-	-	
Rock Creek	Large hydro	CA				275	5,212	5,212	-	-	-	-	
Salt Springs	Large hydro	CA				279	2,398	2,398	-	-	-	-	

2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
SCHEDULE 3: POWER CONTENT LABEL DATA
For the Year Ending December 31, 2023
Direct Energy Business, LLC
Standard Product Offer

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	1,462,561	43.4%
Biomass & Biowaste	58,634	1.7%
Geothermal	46,577	1.4%
Eligible Hydroelectric	28,900	0.9%
Solar	966,602	28.7%
Wind	361,848	10.7%
Coal	-	0.0%
Large Hydroelectric	-	0.0%
Natural gas	-	0.0%
Nuclear	302,500	9.0%
Other	27	0.0%
Unspecified Power	1,605,895	47.6%
Total	3,370,983	100.0%

Total Retail Sales (MWh)	3,370,983
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GHG Emissions Intensity (converted to lbs CO₂e/MWh)	489
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Percentage of Retail Sales Covered by Retired Unbundled RECs	4.5%
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**2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
ATTESTATION FORM
For the Year Ending December 31, 2023
Direct Energy Business, LLC
Standard Product Offer**

I, Joeseeph A. Holtman, Vice President Trading, NRG Energy, Inc., declare under penalty of perjury, that the information provided in this report is true and correct and that I, as an authorized agent of], Direct Enerfgy 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: Joeseeph A. Holtman

Representing (Retail Supplier): Direct Energy Business, LLC

Signature: _____

Dated: 10/30/2024

Executed at: Princeton, NJ