

RENEWABLE ENERGY ACTION TEAM - GENERATION TRACKING FOR NON-ARRA PROJECTS

12/29/2009

	Project Name	County	Developer	Cap. (MW)	Type	Lead Agency
NonARRA Projects						
200 MW and Larger						
1	Leopold Companies, Inc.	San Bernardino	Leopold Companies, Inc.	4,100	Solar Thermal	CEC/BLM
2	Bullfrog Green Energy, LLC	Riverside	Bullfrog Green Energy, LLC	2,500	Solar PV	BLM
3	Bullfrog Green Energy, LLC	Riverside	Bullfrog Green Energy, LLC	2,500	Solar PV	BLM
4	Ewind Farm, Inc.	San Bernardino	Ewind Farm, Inc.	1,700	Solar Thermal	CEC/BLM
5	Solar Six	San Bernardino	Stirling Energy Systems, Inc.	1,631	Solar thermal	CEC/BLM
6	Alta	Kern	Alta	1,500	Wind	Kern County
7	Pacific Solar Investments, Inc.	Imperial	Iberdrola Renewables	1,500	Solar Thermal	CEC/BLM
8	Brightsource	Riverside	Brightsource	1,300	Solar Thermal	CEC
9	Energia Sierra Juarez Wind Energy Project, Phase I	San Diego	Sempra Generation	1,250	Wind	San Diego County
10	First Solar	San Bernardino	First Solar	1,205	Solar Thermal	CEC/BLM
11	Boulevard Associates, LLC	San Bernardino	FPL (NextEra?)	1,200	Solar Thermal	CEC/BLM

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12	Brightsource	Coyote Springs, NV(III/IV)/TBD (V-VII)	Brightsource	1,000	Solar Thermal	CEC
13	OTB Power Holdings, LLC	Riverside	OTB Power Holdings, LLC	1,000	Solar PV	BLM
14	Power Partners Southwest	San Bernardino	EnXco	1,000	Solar PV	BLM
15	Solar Investments I	San Bernardino	Cogentrix	1,000	Solar Thermal	CEC/BLM
16	Solar Investments, Inc.	San Bernardino	Solar Investments, Inc.	1,000	Solar Thermal	CEC/BLM
17	First Solar	San Bernardino	First Solar	1,000	Solar Thermal	CEC/BLM
18	Boulevard Associates, LLC	San Bernardino	Boulevard Associates, LLC	1,000	Solar Thermal	CEC/BLM
19	Boulevard Associates, LLC	San Bernardino	Boulevard Associates, LLC	1,000	Solar Thermal	CEC/BLM
20	Boulevard Associates, LLC	San Bernardino	Boulevard Associates, LLC	1,000	Solar Thermal	CEC/BLM
21	Boulevard Associates, LLC	San Bernardino	Boulevard Associates, LLC	1,000	Solar Thermal	CEC/BLM
22	Iberdrola Renewables	San Bernardino	Iberdrola Renewables	1,000	Solar Thermal	CEC/BLM
23	Solar Three	San Bernardino	Stirling Energy Systems, Inc.	914	Solar thermal	CEC/BLM
24	Ewind Farm, Inc.	San Bernardino	Ewind Farm, Inc.	900	Solar Thermal	CEC/BLM

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25	Edison Mission Solar Project		Edison Mission Energy	850	Solar Thermal	CEC
26	Solar Investments VI, LLC	San Bernardino	Solar Investments VI, LLC (G-S)?	800	Solar Thermal	CEC/BLM
27	PG&E	San Bernardino	PG&E	800	Solar Thermal	CEC/BLM
28	Turquoise	Kern	First Solar	745	Solar PV	Kern County
29	First Solar	Riverside	First Solar	745	Solar PV	BLM
30	First Solar	Riverside	First Solar	745	Solar PV	CEC/BLM
31	Quartzite	Riverside	First Solar	600	Solar PV	BLM
32	First Solar Riverside	Riverside	First Solar	600	Solar PV	BLM
33	Sunrise Solar Project	San Bernardino	Sunrise Solar	600	Solar PV	San Bernardino County
34	Alternative Site - Mesquite Valley	Inyo		600	Solar Thermal	CEC
35	Solel, Inc.	San Bernardino	Solel, Inc.	600	Solar Thermal	CEC/BLM
36	Barstow	San Bernardino	First Solar	585	Solar PV	BLM
37	Solel, Inc.	San Bernardino	Solel, Inc.	554	Solar Thermal	CEC/BLM

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38	Topaz Solar Farm	San Luis Obispo	First Solar	550	Solar PV	San Luis Obispo County
39	Lightsource Renewables, LLC	Riverside	Lightsource Renewables, LLC	550	Solar Thermal	CEC/BLM
40	Sunpeak Solar	Imperial	Sunpeak	500	Solar PV	BLM
41	El Centro	Imperial	First Solar	500	Solar PV	BLM
42	Sempra Generation	Imperial	Sempra Generation	500	Solar PV	BLM
43	Nextlight Renewable	San Bernardino	Nextlight Renewable	500	Solar PV	BLM
44	Barstow	San Bernardino	First Solar	500	Solar PV	BLM
45	Barstow	San Bernardino	First Solar	500	Solar PV	BLM
46	Solel, Inc.	Riverside	Solel, Inc.	500	Solar Thermal	CEC/BLM
47	Solel, Inc.	Riverside	Solel, Inc.	500	Solar Thermal	CEC/BLM
48	DPT Broadwell Lake, LLC	San Bernardino	Brightsource	500	Solar Thermal	CEC/BLM
49	Lightsource Renewables, LLC	San Bernardino	Lightsource Renewables, LLC	500	Solar Thermal	CEC/BLM
50	PV 52	Imperial	Edison Mission Energy	400	Solar PV	Imperial County

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51	Lightsource Renewables, LLC	Imperial	Lightsource Renewables, LLC	400	Solar Thermal	CEC/BLM
52	First Solar San Bernardino	San Bernardino	First Solar	380	Solar PV	BLM
53	Caithness Soda Mtn, LLC	San Bernardino	Caithness Soda Mtn, LLC	350	Solar PV	BLM
54	Unknown	Kern	Unknown	330	Solar PV	Kern County
55	Mesquite Hills Solar Project	San Bernardino	Mesquite Hills Solar Project	320	Solar Thermal	CEC
56	Solar Investments VIII, LLC	San Bernardino	Cogentrix	320	Solar Thermal	CEC/BLM
57	EnXco	Riverside	EnXco Development	300	Solar PV	BLM
58	EnXco	Riverside	EnXco Development	300	Solar PV	BLM
59	EnXco	Riverside	EnXco Development	300	Solar PV	BLM
60	EnXco	Riverside	EnXco Development	300	Solar PV	BLM
61	Power Partners Southwest	Imperial	EnXco	300	Solar Thermal	CEC/BLM
62	Power Partners Southwest	Kern	EnXco	300	Solar Thermal	CEC/BLM
63	EnXco Development, Inc.	San Bernardino	EnXco	300	Solar Thermal	CEC/BLM

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64	Desert Stateline	San Bernardino	Unknown	300	Solar PV	
65	NextEra	Riverside	NextEra	250	Solar Thermal	CEC/BLM
66	Mojave Solar	Kern	Mojave Solar	250	Solar Thermal	CEC
67	Solar Investments I		Goldman-Sachs	250	Solar Thermal	CEC
68	Solar Investments II		Goldman-Sachs	250	Solar Thermal	CEC
69	Gaskell Solar Generating Station	Kern	Unknown	245	Solar Thermal	CEC
70	CA Solar 10	Riverside	Unknown	242	Solar Thermal	CEC
71	Ridgecrest Solar	Riverside	Unknown	242	Solar Thermal	CEC
72	Antelope Valley Wind Farm	Kern	Unknown	240	Wind	Kern County
73	Antelope Valley	Lancaster	Antelope Valley	230	Solar PV	
74	Solar Millennium 2		Solar Millennium, LLC	230	Solar Thermal	CEC
75	Solar Millennium 3		Solar Millennium, LLC	230	Solar Thermal	CEC
76	Oak Creek Sun Creek	Kern	Oak Creek Energy	200	Wind	BLM

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77	Chuckwalla Solar	Riverside	Chuckwalla Solar LLC	200	Solar PV	BLM
78	Solaren	Fresno	Solaren	200	Solar	
100 - 199 MW						
79	Solar Millennium 1		Solar Millennium, LLC	160	Solar Thermal	CEC
80	Homestead	Kern	Horizon Wind	150	Wind	Kern County
81	Rice Air Field	Riverside	Solar Reserve, LLC	150	Solar Thermal	CEC
82	Pine Tree Wind	Kern	LADWP	120	Wind	Kern County
83	Hatchett Ridge Wind Project	Shasta	RES Americas, Inc., Hatchett Ridge Wind Energy, LLC	102	Wind	Shasta County
84	Lompoc Wind Energy Project	Santa Barbara	Pacific Renewable Energy Generation Station, LLC	100	Wind	Santa Barbara County
85	Jucumba	San Diego	Jucumba	100	Solar Thermal/PV	CEC
86	Corum Solar Array		Corum Solar Array, LLC	100	Solar PV	BLM

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50 - 99 MW						
87	Alta Vista Sun Tower Solar Generating Station	Los Angeles	eSolar	92	Solar Thermal	CEC
88	Glass Mountain Geothermal Energy Center 1	Siskiyou		65	Geothermal	CEC
89	Loma Farm PV	Imperial	Loma Farm PV	50	Solar PV	LADWP
90	LADWP Salton Sea Solar Farm	Imperial	LADWP	55	Solar	
91	Windstar I	Kern	Aero Energy, LLC	50	Wind	Kern County
92	Alta	Kern	Alta	50	Wind	
93	Silicon Valley Powers Wind Energy Project	Santa Clara	Silicon Valley Powers Wind Energy Project	50	Wind Testing	City of Santa Clara
94	Orion	San Bernardino	BP Alternative Energy	40-54	Wind:	BLM
95	Invenergy Horse Lake	Lassen	Invenergy	51	Wind	BLM
96	Owens Lake Solar Project	Inyo	LADWP	50	Solar Thermal	LADWP

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97	<u>Truckhaven</u>	Imperial	Layman Energy Associates	50	Geothermal	BLM
98	Truckhaven	Imperial	Mack	50	Geothermal	BLM
99	Truckhaven	Imperial	Ormat	50	Geothermal	BLM
100	West Chocolate Geothermal 1	Imperial	Western Geothermal Partners	50	Geothermal	BLM
101	West Chocolate Geothermal 2	Imperial	Western Geothermal Partners	50	Geothermal	BLM
102	West Chocolate Geothermal 3	Imperial	Ormat	50	Geothermal	BLM
49 MW and Smaller						
103	Hudson Ranch Geotherma Power Plant	Imperial		49.9	Geothermal	Imperial County
104	Fourmile Hill Project, Unit 1	Siskiyou	Calpine Siskiyou Geothermal Partners, LP	49.9	Geothermal	Siskiyou County
105	Synapse Solar 1	San Bernardino	Synapse Solar 1	49	Solar PV/ Solar Thermal Stirling	San Bernardino County
106	IAE Truckhaven I	Imperial	Iceland America, LLC	49	Geothermal	CEC / BLM
107	El Mirage	San Bernardino	El Mirage	49	Solar PV	San Bernardino County
108	NextEra	San Bernardino	NextEra	49	Solar PV	San Bernardino County
109	Mount Signal Solar Power StationX	Imperial	Mount Signal Solar Power StationX	49	Solar Thermal	Imperial County

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	Project Name	County	Developer	Cap. (MW)	Type	Lead Agency
110	Bethel Solar #2	Imperial	Bethel Solar #2	49	Solar Thermal	
111	Telephone Flat Project Unit 1	Siskiyou	Calpine Siskiyou Geothermal Partners, LP	48	Geothermal	Siskiyou County
112	Mt. Poso Cogeneration Company	Kern	Mt. Poso Cogeneration Company	44	Biomass	Kern County
113	Bullfrog Green Energy, LLC.	Imperial	Bullfrog Green Energy, LLC	40	Solar PV	Imperial County
114	Copus Road	Kern	Matinee Energy, LLC	40	Solar PV	Kern
115	Kramer Junction	San Bernardino	Matinee Energy, LLC	40	20 MW Solar Thermal Stirling/ 20 MW Concen. PV	San Bernardino County
116	Esmeralda Truckhaven	Imperial	Esmeralda Truckhaven, LLC	40	Geothermal	Imperial County
117	LightSource	San Bernardino	LightSource	40	Solar PV	San Bernardino County
118	Cuyama Solar Energy Project Phase 1&2	Santa Barbara	Cuyama Solar Energy	40	Solar PV	Santa Barbara County
119	Superstition Geothermal	Imperial	Layman Energy Associates	20-40	Geothermal	BLM

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120	Mountain View IV	Riverside	AES Seawest	37	Wind	Riverside County
121	Mountain View Power Partners	San Bernardino	Mountain View Power Partners	37	Wind	
122	Mesa	Riverside	Mesa	35	Wind: functioning or repower	BLM
123	Clear Skies and Cavallo Energy	Kern	Clear Skies and Cavallo Energy	34	Solar PV	Kern?
124	West Fry Wind, LLC	San Bernardino	NextEra	34	Wind: developing	BLM
125	Cymric Solar Project	Kern	Cymric Solar Project	33	Solar PV	Kern County
126	Montezuma Hills	Solano	Montezuma Hills	32	Wind	Solano County
127	Shiloh I (balance)	Solano	Iberdrola Renewables	30	Wind	
128	Green Borders Geothermal	Western Nevada	Vulcan Power	30	Geothermal	Unk
129	ORNI 21	Imperial	ORNI 21	30	Geothermal	Imperial County
130	Sun Gen 1	Kern	CEH Ventures, LLC	29	Solar PV	Kern County
131	Blue Lake Power Plant	Humboldt	Renewable Energy Providers	26	Biomass	Humboldt County

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132	Woodland Biomass Power	Yolo	Woodland Biomass Power	25	Biomass	City of Woodland or Yolo County
133	Eagle Energy	Kern	Eagle Energy	24	Wind	Kern County
134	Chuckwalla Zoning Area	Riverside	First Solar, LLC	21	Solar PV	Riverside County
135	Sacramento Transformation Energy Center	Sacramento	SMUD	20.4	Unk	Sacramento County
136	Wagon Wheel Mnt Solar	Kern	Albiasa Corp.	20	Solar PV	Kern County
137	EnXco	Kern	EnXco	20	Solar PV	Kern County
138	Bull Moose Energy	San Diego	Bull Moose Energy, LLC	20	Biomass	San Diego County
139	Juan Bautista de Anza Geothermal Project	Imperial	Esmeralda Truckhaven, LLC	20	Geothermal	Imperial County
140	Imperial Valley Biopower	Imperial	Imperial Valley Biopower	20	Biomass	Imperial County
141	Esmeralda 2 - San Felipe	Imperial	Esmeralda Truckhaven, LLC	20	Geothermal	Imperial County
142	Goldtown Solar Energy Project - Phase 1	Kern	Goldtown Solar Energy	20	Solar PV	Kern County

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143	Sapphire	Kern	Sapphire	20	Solar PV	Kern County
144	HFI BioPower	La Pine, OR	HFI BioPower	20	Biomass	
145	Sun City Project Phase 2	Kings	Sand Drag, LLC	19	Solar PV	
146	Mesquite Lake Cattle Manure Burner	Imperial	Mesquite Lake Cattle Manure Burner	18.5	Biomass	Imperial County
147	Liberty V Biofuels	Kern	Liberty Energy	17	Biomass	Kern County
148	Buena Vista Biomass Power, LLC	Amador	Otoka Energy	18	Biomass	Amador County
149	Terra-gen 251 I	Kern	Terra-gen 251 I	15	Wind	
150	EnXco	Kern	EnXco	15	Solar PV	Kern County
151	San Francisco Wave Energy	San Francisco	Biopower System	10-100	Wave energy	City of San Francisco
152	SES, Inc. Pilot site	Imperial	SES, Inc. Pilot site	10	Solar Thermal	Imperial County
153	SES, Inc. Pilot site	San Bernardino	SES, Inc. Pilot site	10	Solar Thermal	BLM

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154	EnXco	Kern	EnXco	7	Solar PV	Kern County
155	Garnet Wind Energy	Riverside	Garnet Wind Energy	6.5	Wind	Riverside County
156	Coram ZC 60	Kern	Coram Development	6	Wind	Kern County
157	Terra-gen 251 II	Kern	Terra-gen 251 II	6	Wind	
158	Ridgetop I	Kern	Ridgetop I	6	Wind	
159	CalRenew-1	Fresno	Cleantech America	5	Solar PV	City of Mendota
160	Kimberlina Solar Generating Facility	Kern	Ausra	5	Solar Thermal	Kern County
161	Ridgetop II	Kern	Ridgetop II	5	Wind	
162	Flex Kern	Kern	Flex Kern	5	Biogas	
163	Sierra SunTower	Los Angeles	eSolar	5	Solar Thermal	
164	Mark Tech	Riverside	Mark Tech	5	Wind: functioning or repower	BLM
165	Needles Solar Thermal Unit 1	San Bernardino	Needles Solar Thermal Unit 1	5	Solar Thermal	San Bernardino County
166	Sunset Reservoir - North Basin	San Francisco	Sunset Reservoir - North Basin	4.5	Solar PV	City & County San Francisco

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167			SCE	2	Solar PV	
168	Green Volts	Contra Costa	Green Volts	2	Solar PV	
169	Airstreams Solar Project	Kern	Airstreams, LLC	2	Solar PV/industrial combo	Kern County
170	LACSD (LA County Sanitation)	Los Angeles	LACSD (LA County Sanitation)	2	Biomass	
171	Flex LA	Los Angeles	Flex LA	2	Biogas	
172	Flex Riverside	Riverside	Flex Riverside	2	Biogas	
173	Power Parters SW	San Bernardino	EnXco	2	Wind: pending for testing	BLM
174	Flex Bernardino	San Bernardino	Flex Bernardino	2	Biogas	
175	Microgy	Several CA locations	Microgy	2	Biogas	
176	Toland Landfill Gas to Energy Project	Santa Barbara	Toland Landfill Gas to Energy Project	1.8 MW	Landfill Gas	Santa Barbara County
177	Soledad Wastewater Treatment Plant	Monterey	City of Soledad	1.5-2.6	Wind	Monterey County
178	Envirepel Vista	San Diego	Envirepel Vista	1.5	Biomass	
179	Ventura Regional Sanitation District	Ventura	Ventura Regional Sanitation District	1.5	Biogas	

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180	Cadillac Flats	Butte	Cadillac Flats	1.4	Solar Thermal	Butte County
181	CSU Bakersfield Photovoltaic Project	Kern	CSU Bakersfield	1.2	Solar PV	CSU Trustees
182	Solutions for Utilities, Inc. Phase 1&2	San Bernardino	Solutions for Utilities, Inc. Phase 1&2	Phase 1: 1.5, Phase 2: 1.5	Solar PV	
183	Shasta College Solar ArrayX	Shasta	Shasta College Solar ArrayX	1	Solar PV	Shasta Community College District
184	Atmos PV Power Plant - Bakersfield	Kern	Atmos PV Power Plant - Bakersfield	1	Solar PV	Kern County
185	Ingomar CUP	Merced	Ingomar Packing Co.	1	Solar PV	Merced
186	Calaveras Project, Unit 1	San Francisco	Calaveras Project, Unit 1	1	Conduit Hydro	City & County San Francisco
187	Agilent Technologies Headquarters	Santa Clara	SunPower Corp.	1	Solar Thermal	
188	CSU Stanislaus PV Project	Stanislaus	CSU Stanislaus	0.835	Solar PV	Riverside County
189	Santa Clara Municipal Landfill	Santa Clara	Ameresco	0.75	Landfill Gas	
190	Combie North Powerhouse	Nevada	Combie North Powerhouse	0.522	Conduit Hydro	Nevada County

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191	Solar Power, Inc.	Ventura	Solar Power Partners	0.5	Solar PV	Ventura County