

1
2 CITY COUNCIL

3 CITY OF SANGER, CA

4 VINCENT WALL, JOESEPH VILLALOBOS, DONNA
5 BAILEY, EFREN RUBIO, MELISSA BEASELY, AND
6 HENRY PROVOST,

7 Appellants,

8 vs.

9 CITY OF SANGER PLANNING COMMISSION,

10 Appellee

11 SECOND ADDITIONAL EVIDENCE IN SUPPORT
12 OF APPELLANTS POSITION FOR PROPOSED
13 REQUIREMENT TO THE CONDITIONAL USE
14 PERMIT RESOLUTION 2018-07

15 The undersigned Appellant has attached several additional documents in support of Appellant's
16 appeal against CUP 2018-07. The evidence attached in the appendixes supports Appellants position that the City
17 failed to follow CEQA as the City has failed to take into account the cumulative effect of all the power plants in the
18 San Joaquin Valley Air Pollution Control District, and the cumulative effect of all the power plants in the greater
19 San Joaquin Valley upon the environment of the Citizens of Sanger and/or the Citizens of the Greater San Joaquin
20 Valley.

21 Under CEQA 15300.2(b) a project cannot be exempted under CEQA 15301 if it has a cumulative
22 effect in the San Joaquin Valley Air Pollution Control District, and/or the Greater San Joaquin Valley, if the
23 cumulative impact of projects in the same place (San Juaquin Valley) over time are significant.

24 Appendix J: Is a list/database of the power plants in the State of California,
25 (https://www.energy.ca.gov/almanac/power_plant_data/Power_Plants.xlsx)

26 Appendix K: is an edited version of Appendix J highlighting the power plants in the San Joaquin
27 Valley Air Pollution Control District.

28 Appendix L: is the status of all energy facilities (power plants) in the State of California,
(https://www.energy.ca.gov/sitingcases/all_projects.html).

None of the items in Appendixes J, K, or L were considered in the Cities determination of the
cumulative effects of pollution of the increasing hours of the Sanger power plant with the effects of pollution of the
power plants listed in Appendixes A-L in San Joaquin Valley Air Pollution Control District, the Greater San Joaquin
Valley, and to the Citizens of Sanger.

SECOND ADDITIONAL EVIDENCE IN SUPPORT OF APPELLANTS POSITION FOR PROPOSED
REQUIREMENT TO THE CONDITIONAL USE PERMIT RESOLUTION 2018-07 - 1

Appendix J

W0337	Windpower Partners 1988	30	Wind	Operating	Alameda	Tracy	CA	95377		Greater Bay	Contra Costa	Pacific Gas & Electric Company	IOU	CALISO	Bay Area Air Quality Management District	San Francisco Bay	Senate District 7	Assembly District 16	Congressional District 15	Y
W0340	Windpower Partners 1990 L.P.	15	Wind	Operating	Alameda	Livermore	CA	94551	1/1/1991	Greater Bay	Contra Costa	Pacific Gas & Electric Company	IOU	CALISO	Bay Area Air Quality Management District	San Francisco Bay	Senate District 7	Assembly District 16	Congressional District 15	Y
W0430	Windpower Partners 1991 L.P.	16.3	Wind	Operating	Alameda	Livermore	CA	94512		Greater Bay	Contra Costa	Pacific Gas & Electric Company	IOU	CALISO	Bay Area Air Quality Management District	San Francisco Bay	Senate District 7	Assembly District 16	Congressional District 15	Y
W0338	Windpower Partners 1991-2 L.P.	34.7	Wind	Operating	Alameda	Livermore	CA	94551	3/1/1987	Greater Bay	Contra Costa	Pacific Gas & Electric Company	IOU	CALISO	Bay Area Air Quality Management District	San Francisco Bay	Senate District 7	Assembly District 16	Congressional District 15	Y
W0444	Windpower Partners 1992 L.P.	30	Wind	Operating	Alameda	Livermore	CA	94551	4/1/1987	Greater Bay	Contra Costa	Pacific Gas & Electric Company	IOU	CALISO	Bay Area Air Quality Management District	San Francisco Bay	Senate District 7	Assembly District 16	Congressional District 15	Y
W0418	Windstage Energy, LLC	120	Wind	Operating	Keem	Tehachapi	CA	93561	1/27/2012	Big Creek / Ventura	Contra Costa	Southern California Edison	IOU	CALISO	Keem Air Pollution Control District	Mojave Desert	Senate District 16	Assembly District 34	Congressional District 23	Y
T0054	Winegap	1.28	Geothermal	Operating	Lassen	Wendle	CA	96136	6/11/1985			Lassen Municipal Utility District	POU	CALISO	Lassen County Air Pollution Control District	Northeast Plateau	Senate District 1	Assembly District 1	Congressional District 1	Y
S0940	Wines US Inc. Constellation	1	Solar	Operating	Monterey	Conzales	CA	93928	1/1/2012			Pacific Gas & Electric Company	IOU	CALISO	Monterey Bay Unified Air Pollution Control District	North Central Coast	Senate District 12	Assembly District 30	Congressional District 20	Y
W0343	Wintec Energy E.A.	1.33	Wind	Operating	Riverside	North Palm Springs	CA	92538	12/23/2003	LA Basin	West of Devers	Southern California Edison	IOU	CALISO	South Coast Air Quality Management District	Salton Sea	Senate District 28	Assembly District 42	Congressional District 36	Y
W0318	Wintec Energy, Ltd	5.93	Wind	Operating	Riverside	Palm Springs	CA	92538	12/22/1986	LA Basin	West of Devers	Southern California Edison	IOU	CALISO	South Coast Air Quality Management District	Salton Sea	Senate District 28	Assembly District 42	Congressional District 36	Y
H0560	Wise	14	Hydro	Operating	Placer	Auburn	CA	95603	#####	Sierra	Drum-Rio Oro	Pacific Gas & Electric Company	IOU	CALISO	Placer County Air Pollution Control District	Sacramento Valley	Senate District 5	Assembly District 5	Congressional District 4	Y
H0571	Wilson Powerhouse	12.8	Hydro	Operating	Madira	North Fork	CA	93643	9/11/1915	Greater Fresno	Wilson	Pacific Gas & Electric Company	IOU	CALISO	San Joaquin Valley Air Pollution Control District	San Joaquin Valley	Senate District 5	Assembly District 5	Congressional District 4	Y
H0572	Wolfen Bypass	1	Hydro	Operating	Merced	Los Blancos	CA	93635	2/11/1986			Pacific Gas & Electric Company	IOU	CALISO	San Joaquin Valley Air Pollution Control District	San Joaquin Valley	Senate District 12	Assembly District 21	Congressional District 16	Y
G0913	Woodfolk Energy Center	48.1	Gas	Operating	Sutter	Sutter City	CA	94585	3/1/2003			Pacific Gas & Electric Company	IOU	CALISO	Bay Area Air Quality Management District	San Francisco Bay	Senate District 9	Assembly District 11	Congressional District 3	N
ED105	Woodland Biomass Power Ltd	28	Biomass	Operating	Yuba	Woodland	CA	95776	9/1/1985	Sierra	Drum-Rio Oro	Pacific Gas & Electric Company	IOU	CALISO	Yuba Solano Air Quality Management District	Sacramento Valley	Senate District 9	Assembly District 24	Congressional District 3	Y
G0678	Woodland Generation Station	185	Gas	Operating	Stanislaus	Modesto	CA	95351	12/1/1993			Modesto Irrigation District	POU	BANC	San Joaquin Valley Air Pollution Control District	San Joaquin Valley	Senate District 9	Assembly District 21	Congressional District 10	N
H0573	Woodleaf	0.5	Hydro	Operating	Butte	Woodleaf	CA	95919	11/1/1963	Sierra		Pacific Gas & Electric Company	IOU	CALISO	Butte County Air Quality Management District	Sacramento Valley	Senate District 1	Assembly District 1	Congressional District 1	N
S0445	Woodmere Solar Farm	14.88	Solar	Operating	Keem	Edison	CA	93307				Keem	IOU	CALISO	San Joaquin Valley Air Pollution Control District	San Joaquin Valley	Senate District 14	Assembly District 12	Congressional District 21	Y
ED170	Woodville Landfill	0.6	MSW	Operating	Futaba	Futaba	CA	93274	12/17/1999	Big Creek / Ventura		Southern California Edison	IOU	CALISO	San Joaquin Valley Air Pollution Control District	San Joaquin Valley	Senate District 14	Assembly District 26	Congressional District 22	Y
H0480	Woodward	2.85	Hydro	Operating	Stanislaus	Dakota	CA	95361	4/12/1984	Stockton	Testa-Belloc	Pacific Gas & Electric Company and Modesto Irrigation District	Combin	BANC	San Joaquin Valley Air Pollution Control District	San Joaquin Valley	Senate District 12	Assembly District 12	Congressional District 10	Y
H0550	WP7P No. 2 Supply Line	1.25	Hydro	Operating	Alameda	Fremont	CA	94538	5/1/1993	Greater Bay		Pacific Gas & Electric Company	IOU	CALISO	Bay Area Air Quality Management District	San Francisco Bay	Senate District 9	Assembly District 16	Congressional District 15	Y
S0398	W-rth	1	Solar	Operating	San Diego	San Diego	CA	92121	6/25/2004	San Diego / IV Area		San Diego Gas & Electric	IOU	CALISO	San Diego County Air Pollution Control District	San Diego County	Senate District 39	Assembly District 77	Congressional District 52	Y
S0115	Yuba County Solar Project	1	Solar	Operating	Yuba	Woodland	CA	95689	7/1/2010	Sierra	Drum-Rio Oro	Pacific Gas & Electric Company	IOU	CALISO	Yuba Solano Air Quality Management District	Sacramento Valley	Senate District 9	Assembly District 4	Congressional District 3	Y
H0371	Yuba Linda	5.05	Hydro	Operating	Orange	Yuba Linda	CA	92686	8/1/1981	LA Basin	Western LA Basin	Southern California Edison	IOU	CALISO	South Coast Air Quality Management District	South Coast	Senate District 39	Assembly District 69	Congressional District 39	Y
G0668	Yuba City Cogeneration Partners LP	49	Gas	Operating	Sutter	Yuba City	CA	95993	4/1/1990	Sierra	Phase	Pacific Gas & Electric Company	IOU	CALISO	Feather River Air Quality Management District	Sacramento Valley	Senate District 4	Assembly District 3	Congressional District 3	N
G0919	Yuba City Energy Center	48.1	Gas	Operating	Sutter	Yuba City	CA	95993	7/1/2002	Sierra	Phase	Pacific Gas & Electric Company	IOU	CALISO	Feather River Air Quality Management District	Sacramento Valley	Senate District 4	Assembly District 3	Congressional District 3	N
G0688	Yuba City Wwp	0.14	Gas	Operating	Sutter	Yuba City	CA	95991	6/27/1989	Sierra	Phase	Pacific Gas & Electric Company	IOU	CALISO	Feather River Air Quality Management District	Sacramento Valley	Senate District 4	Assembly District 3	Congressional District 3	N
S9078	Yuba College	1	Solar	Operating	Yuba	Marysville	CA	95901	1/1/2012	Sierra	South of Palermo	Pacific Gas & Electric Company	IOU	CALISO	Feather River Air Quality Management District	Sacramento Valley	Senate District 4	Assembly District 3	Congressional District 3	Y
S0275	Yuba County Government Center	1	Solar	Operating	Yuba	Marysville	CA		1/3/2013	Sierra	South of Palermo	Pacific Gas & Electric Company	IOU	CALISO	Feather River Air Quality Management District	Sacramento Valley	Senate District 4	Assembly District 3	Congressional District 3	Y
W0270	Zand Systems Inc. - 0043	14.1	Wind	Operating	Keem	Tehachapi	CA	93561	11/13/1985	Big Creek / Ventura		Southern California Edison	IOU	CALISO	Keem Air Pollution Control District	Mojave Desert	Senate District 16	Assembly District 34	Congressional District 23	Y
W0276	Zand Systems Inc. - 0044	21.2	Wind	Operating	Keem	Tehachapi	CA	93561	11/13/1985	Big Creek / Ventura		Southern California Edison	IOU	CALISO	Keem Air Pollution Control District	Mojave Desert	Senate District 16	Assembly District 34	Congressional District 23	Y
W0308	Zand Systems Inc. - Month XII	6.7	Wind	Operating	Keem	Tehachapi	CA	93561	7/9/1987	Big Creek / Ventura		Southern California Edison	IOU	CALISO	Keem Air Pollution Control District	Mojave Desert	Senate District 16	Assembly District 34	Congressional District 23	Y

Appendix K

Plant ID	Plant Name	MW	General Fuel	Status	County	City	Initial Start Date	Local Reliability	Air District
S9151	Spanson LLC	3	Solar	Operating	Santa Clara	Sunnyvale	1/1/2012	Greater Bay	Bay Area Air Quality Management District
E0181	Sunnyvale Water Pollution Control Plant	1.6	Landfill Gas	Operating	Santa Clara	Sunnyvale	7/1/1997	Greater Bay	Bay Area Air Quality Management District
S9041	Unified School District Morgan Hill	1	Solar	Operating	Santa Clara	Morgan Hill	1/1/2012	Greater Bay	Bay Area Air Quality Management District
S9058	West Valley Mission Community College	1	Solar	Operating	Santa Clara	Saratoga	1/1/2012	Greater Bay	Bay Area Air Quality Management District
S9074	Anheuser Busch Fairfield PV Phase/Anheuser Busch	1	Solar	Operating	Solano	Fairfield	1/1/2012		Bay Area Air Quality Management District
S9148	ANHEUSER BUSCH INC	2.5	Solar	Operating	Solano	Fairfield	1/1/2012		Bay Area Air Quality Management District
W0398	Annheuser-Busch	4.1	Wind	Operating	Solano	Fairfield	11/1/2011		Bay Area Air Quality Management District
G0116	City of Fairfield	0.775	Gas	Operating	Solano	Fairfield	8/15/1984		Bay Area Air Quality Management District
G0918	Creed Energy Center LLC	48.1	Gas	Operating	Solano	Suisan City	1/1/2003	Greater Bay	Bay Area Air Quality Management District
S0362	Fairfield-Suisun Sewer District - WTP	1	Solar	Operating	Solano	Fairfield	12/23/2009		Bay Area Air Quality Management District
G0916	Goose Haven Energy Center	48.1	Gas	Operating	Solano	Suisan City	1/1/2003	Greater Bay	Bay Area Air Quality Management District
S9037	Health Plan Inc. Kaiser Foundation	1	Solar	Operating	Solano	Vallejo	1/1/2012		Bay Area Air Quality Management District
G0915	Lambie Energy Center	48.1	Gas	Operating	Solano	Suisan City	1/1/2003	Greater Bay	Bay Area Air Quality Management District
S9132	Mid Valley Dairy	1.5	Solar	Operating	Solano	Fairfield	1/1/2012		Bay Area Air Quality Management District
S0414	North Bay Solar 1	1	Solar	Operating	Solano				Bay Area Air Quality Management District
W0358	Shiloh I Wind	150	Wind	Operating	Solano	Birds Landing	12/30/2006	Greater Bay	Bay Area Air Quality Management District
W0422	Shiloh IV Wind Project, LLC	102.5	Wind	Operating	Solano	Birds Landing	12/1/2012	Greater Bay	Bay Area Air Quality Management District
G0159	Solano County Cogeneration Plant	2.92	Gas	Operating	Solano	Fairfield	6/1/1989		Bay Area Air Quality Management District
W0357	Solano Wind 1, 2	102.18	Wind	Operating	Solano	Rio Vista	6/1/1994	Greater Bay	Bay Area Air Quality Management District
G0902	Valero Cogeneration Unit #1	47.7	Gas	Operating	Solano	Benicia	10/16/2002		Bay Area Air Quality Management District
S9115	Vallejo Sanitation and Flood Control District	1.2	Solar	Operating	Solano	Vallejo	1/1/2012		Bay Area Air Quality Management District
G0913	Wolfskill Energy Center	48.1	Gas	Operating	Solano	Suisan City	3/1/2003		Bay Area Air Quality Management District
E0195	Central LF (Sonoma) Phase I	6.4	Landfill Gas	Operating	Sonoma	Petaluma	7/1/1993	North Coast/North Bay	Bay Area Air Quality Management District
E0196	Central LF (Sonoma) Phase II	6.4	Landfill Gas	Operating	Sonoma	Petaluma	6/1/1996	North Coast/North Bay	Bay Area Air Quality Management District
E0197	Central LF (Sonoma) Phase III	3.2	Landfill Gas	Operating	Sonoma	Petaluma	1/1/2003	North Coast/North Bay	Bay Area Air Quality Management District
S9309	Chalk Hill Solar Project LLC (CHSP)	0.3	Solar	Operating	Sonoma		12/31/2013	North Coast/North Bay	Bay Area Air Quality Management District
S9024	Codding Enterprises	1	Solar	Operating	Sonoma	Rohnert Park	1/1/2012	North Coast/North Bay	Bay Area Air Quality Management District
S9057	Codding Enterprises Ltd Partnership	1	Solar	Operating	Sonoma	Rohnert Park	1/1/2012	North Coast/North Bay	Bay Area Air Quality Management District
S9125	County of Sonoma	1.3	Solar	Operating	Sonoma	Sonoma	1/1/2012	North Coast/North Bay	Bay Area Air Quality Management District
G1024	Fuel Cell DFC	1.4	Gas	Operating	Sonoma	Santa Rosa	11/1/2010	North Coast/North Bay	Bay Area Air Quality Management District
G0077	Laguna Plant Cogen Facility	7.1	Gas	Operating	Sonoma	Santa Rosa	5/1/1998	North Coast/North Bay	Bay Area Air Quality Management District
G0509	C&H Sugar Plant	1.5	Other	Operating		Crockett	10/1/1957	Greater Bay	Bay Area Air Quality Management District
G0161	Crockett Cogeneration Project	247.4	Gas	Operating		Crockett	12/1/1995	Greater Bay	Bay Area Air Quality Management District
S0312	Adams East LLC	19	Solar	Operating	Fresno	Mendota	12/1/2014	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0536	Algonquin Power Sanger LLC	39.8	Gas	Operating	Fresno	Sanger	11/1/1990	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0019	Balch #1	34	Hydro	Operating	Fresno	Balch Camp	2/20/1927	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0020	Balch #2	108	Hydro	Operating	Fresno	Balch Camp	11/26/1958	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0027	Big Creek 1	82.9	Hydro	Operating	Fresno	Big Creek	11/1/1913	Big Creek / Ventura	San Joaquin Valley Air Pollution Control District
H0028	Big Creek 2	67.1	Hydro	Operating	Fresno	Big Creek	11/26/1913	Big Creek / Ventura	San Joaquin Valley Air Pollution Control District
H0030	Big Creek 2A	98.5	Hydro	Operating	Fresno	Big Creek	8/1/1928	Big Creek / Ventura	San Joaquin Valley Air Pollution Control District
H0032	Big Creek 3	177	Hydro	Operating	Fresno	Auberry	9/1/1923	Big Creek / Ventura	San Joaquin Valley Air Pollution Control District
H0036	Big Creek 8	64.5	Hydro	Operating	Fresno	Big Creek	1/1/1921	Big Creek / Ventura	San Joaquin Valley Air Pollution Control District
S9026	CA State University Fresno	1	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0121	CalRENEW-1	5	Solar	Operating	Fresno	Mendota	4/9/2010	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0176	Cantua Solar Station	20	Solar	Operating	Fresno	Cantua Creek	6/19/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0423	Citizen Solar B	5	Solar	Operating	Fresno	Mendota		Greater Fresno	San Joaquin Valley Air Pollution Control District
S9145	City of Fresno - Fresno Yosemite Airport	2.3	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0131	Coalinga Cogeneration	38.4	Gas	Operating	Fresno	Coalinga	2/22/1992	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0557	Coalinga Cogeneration Facility	7	Gas	Operating	Fresno	Coalinga	6/1/1988	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0100	Coalinga Cogeneration Plants	16.56	Gas	Operating	Fresno	Coalinga	10/1/1986	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0350	Coalinga State Hospital	2	Solar	Operating	Fresno	Coalinga	7/22/2014	Greater Fresno	San Joaquin Valley Air Pollution Control District
E0052	Covanta Mendota LP	53	Biomass	Operating	Fresno	Mendota	7/1/1989	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9056	E&J Gallo Winery	1	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0161	Eastwood (Pumped Storage)	199	Hydro	Operating	Fresno	Shaver Lake	1/1/1988	Big Creek / Ventura	San Joaquin Valley Air Pollution Control District
S0140	Five Points Solar Station	15	Solar	Operating	Fresno	Five Points	10/24/2011	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9085	Fowler Packing Company Inc.	1	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9086	Fowler Packing Company Inc.	1	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0384	Fresno Cogeneration Partners LP	25	Gas	Operating	Fresno	San Joaquin	12/1/1989	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0904	Fresno Cogeneration Partners LP PKR	21.3	Gas	Operating	Fresno	San Joaquin	8/16/2001	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0425	Fresno Solar South	1.5	Solar	Operating	Fresno	San Joaquin	10/20/2015	Greater Fresno	San Joaquin Valley Air Pollution Control District

Plant ID	Plant Name	MW	General Fuel	Status	County	City	Initial Start Date	Local Reliability	Air District
S0426	Fresno Solar West	1.5	Solar	Operating	Fresno	San Joaquin		Greater Fresno	San Joaquin Valley Air Pollution Control District
H0198	Friant-Kern Hydro Facility (River Outlet Madera Canal F-K)	18.4	Hydro	Operating	Fresno	Terra Bella	1/1/1986	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0224	Gates Solar Station	20	Solar	Operating	Fresno	Huron	6/24/2013	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9076	George Jackson	1	Solar	Operating	Fresno	Kingsburg	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0178	Giffen Solar Station	10	Solar	Operating	Fresno	Cantua Creek	6/30/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9012	Golden State Vintners	1	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9014	Grundfos Pumps	1	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0215	Haas	144	Hydro	Operating	Fresno	Balch Camp	12/23/1958	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0229	Helms (Pumped Storage)	1212	Hydro	Operating	Fresno	Shaver Lake	6/30/1984	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0177	Huron Solar Station	20	Solar	Operating	Fresno	Huron	6/27/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9033	Jackson Michael	1	Solar	Operating	Fresno	Kingsburg	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0265	Kerckhoff PH 1	33.7	Hydro	Operating	Fresno	Auberry	8/15/1920	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0266	Kerckhoff PH 2	155	Hydro	Operating	Fresno	Auberry	5/6/1983	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0272	Kings River	52	Hydro	Operating	Fresno	Balch Camp	3/7/1962	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0273	Kings River Hydro Co.	1	Hydro	Operating	Fresno	Fresno	8/19/1990	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9181	Kingsburg 1 & 2	3	Solar	Operating	Fresno	Kingsburg	12/1/2013	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0286	Kingsburg Cogeneration	23.1	Gas	Operating	Fresno	Kingsburg	12/1/1990	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0179	La Joya Del Sol	1.5	Solar	Operating	Fresno	Fresno	10/31/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9053	Los Gatos Tomato Products	1	Solar	Operating	Fresno	Huron	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0220	Malaga Peaking Plant	98	Gas	Operating	Fresno	Fresno	6/1/2005	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9034	Maxco Supply Inc.	1	Solar	Operating	Fresno	Parlier	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0341	North Star Solar	61.6	Solar	Operating	Fresno	Mendota	6/19/2015	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9126	Olam West Coast	1.4	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0997	Panoche Energy Center	400	Gas	Operating	Fresno	Fresno	7/1/2009		San Joaquin Valley Air Pollution Control District
H0387	Pine Flat	165	Hydro	Operating	Fresno	Piedra	1/1/1984	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9188	Placer Solar	20	Solar	Operating	Fresno		5/1/2015	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0349	Pleasant Valley State Prison	1.22	Solar	Operating	Fresno	Coalinga	7/22/2014	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0499	Portal	10	Hydro	Operating	Fresno	Big Creek	12/1/1956	Big Creek / Ventura	San Joaquin Valley Air Pollution Control District
S9189	Pristine Sun Fund 10 Fresno PGE LLC. (2081_Terzian)	1.25	Solar	Operating	Fresno		12/31/2013	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9190	Pristine Sun Fund 10 Fresno PGE LLC. (2102_Christensen)	1	Solar	Operating	Fresno		12/31/2013	Greater Fresno	San Joaquin Valley Air Pollution Control District
E0098	Rio Bravo Fresno	24.3	Biomass	Operating	Fresno	Fresno	7/1/1988	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0413	River Outlet	2	Hydro	Operating	Fresno	Madera	4/1/1985	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0312	Roy Sharp Jr.	0.1	Gas	Operating	Fresno	Caruthers	11/21/1991	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0518	Saint Agnes Medical Center	3.5	Gas	Operating	Fresno	Fresno	4/1/2001	Greater Fresno	San Joaquin Valley Air Pollution Control District
H0478	Shaver Micro 1	1	Hydro	Operating	Fresno	Shaver Lake	8/1/1983	Big Creek / Ventura	San Joaquin Valley Air Pollution Control District
S0139	Stroud Solar Station	20	Solar	Operating	Fresno	Helm	10/26/2011	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0125	Sun Harvest	0.25	Solar	Operating	Fresno	Fresno	12/1/2007	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0302	Terzian	1.25	Solar	Operating	Fresno	Reedley	5/1/2014	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9020	The Gap Inc	1	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9143	Wawona Frozen Foods / Alluvial Project	2.2	Solar	Operating	Fresno	Clovis	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9144	Wawona Frozen Foods / Cedar Project	2.2	Solar	Operating	Fresno	Fresno	1/1/2012	Greater Fresno	San Joaquin Valley Air Pollution Control District
G0905	Wellhead Power Panoche LLC	49.9	Gas	Operating	Fresno	Firebaugh	12/14/2001	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0223	West Gates Solar Station	10	Solar	Operating	Fresno	Huron	6/24/2013	Greater Fresno	San Joaquin Valley Air Pollution Control District
S9192	Westlands Solar Farms	19	Solar	Operating	Fresno		2/6/2014	Greater Fresno	San Joaquin Valley Air Pollution Control District
S0138	Westside Solar Station	15	Solar	Operating	Fresno	Five Points	8/31/2010	Greater Fresno	San Joaquin Valley Air Pollution Control District
E0257	ABEC Bidart-Old River LLC	3.6	Digester Gas	Operating	Kern	Bakersfield	2/1/2014	Kern	San Joaquin Valley Air Pollution Control District
S0308	Adobe Solar	20	Solar	Operating	Kern	Bakersfield	5/1/2014		San Joaquin Valley Air Pollution Control District
G0040	Badger Creek Cogen	47	Gas	Operating	Kern	Bakersfield	4/19/1991	Kern	San Joaquin Valley Air Pollution Control District
G0428	Bear Mountain Cogen	47	Gas	Operating	Kern	Bakersfield	4/24/1995	Kern	San Joaquin Valley Air Pollution Control District
G0368	Berry Cogen Midway-Sunset 18MW	27.6	Gas	Operating	Kern	Maricopa	12/1/1986	Kern	San Joaquin Valley Air Pollution Control District
G0638	Berry Cogen Midway-Sunset 38MW	37.2	Gas	Operating	Kern	Taft	12/1/1986	Kern	San Joaquin Valley Air Pollution Control District
S0339	Blackwell Solar	12	Solar	Operating	Kern	Lost Hills	4/17/2015	Kern	San Joaquin Valley Air Pollution Control District
S0373	Bolthouse Farms - S&P	1	Solar	Operating	Kern	Bakersfield	10/30/2008	Kern	San Joaquin Valley Air Pollution Control District
S9165	CA Dept of Correctionns WASCO (WSP)	2	Solar	Operating	Kern	Wasco	1/1/2013	Kern	San Joaquin Valley Air Pollution Control District
G0429	Chalk Cliff Cogen	47	Gas	Operating	Kern	Maricopa	3/20/1990	Kern	San Joaquin Valley Air Pollution Control District
S9045	College District Kern Community	1	Solar	Operating	Kern	Bakersfield	1/1/2012	Kern	San Joaquin Valley Air Pollution Control District
S0434	Coronal Lost Hills	20	Solar	Operating	Kern	Lost Hills	7/30/2015	Kern	San Joaquin Valley Air Pollution Control District
S0331	Cottonwood Goose Lake LLC	12	Solar	Operating	Kern	Lost Hills	4/28/2015	Kern	San Joaquin Valley Air Pollution Control District
S9079	County of Kern	1	Solar	Operating	Kern	Bakersfield	1/1/2012	Kern	San Joaquin Valley Air Pollution Control District
E0029	Covanta Delano Inc	58	Biomass	Operating	Kern	Delano	12/1/1989	Big Creek / Ventura	San Joaquin Valley Air Pollution Control District

Appendix L



Home sitingcases

Status of All Projects

CALIFORNIA ENERGY COMMISSION - ENERGY FACILITY STATUS Power Plant Projects Since 1996.

STEP DIVISION POWER PLANT SITING COMPLIANCE DEVELOPERS PU

COLOR KEY:

Operational / On Line

Approved

In Review

On-line date is expected to be delayed beyond the date shown.

Expected and disclosed

Planned but undisclosed

On hold or suspended. According to developers, the new on-line date will be determined when the markets are favorable and financing is available.

Project approved but cancelled by applicant or approved and license expired before construction began; or proceeding terminated by Commission.

	Projects On Line Arranged by Date On Line	Docket Number	Status	Capacity (MW)	Construction Completed (percent)	Location	Date Approved	Construction Start Date	Original On-Line Date	Actual On-Line Date*
1a	Sunrise Cogeneration, Phase I Texaco Global Gas and Power & NRG	1998-AFC-04C	Operational	320	100	Kern	12/6/2000	12/7/2000	07/2001	6/27/2001
2	Sutter Energy Center Calpine Corporation	1997-AFC-02C	Operational	540	100	Sutter	4/14/1999	7/11/1999	07/2001	7/2/2001
3	Los Medonas (Pittsburg) Pittsburg District Energy/Calpine	1998-AFC-01C	Operational	555	100	Contra Costa	8/17/1999	9/17/1999	07/2001	7/9/2001
4	Larkspur Energy Facility Wildflower Energy	2001-EP-01C	Operational	90	100	San Diego	4/4/2001	4/5/2001	07/2001	7/16/2001
5	Alliance Drews Energy Facility Alliance Colton	2001-EP-05C	Operational	40	100	San Bernardino	4/25/2001	4/26/2001	09/2001	8/15/2001
6	Hanford Emergency Peaker Project GWF Power Systems	2001-EP-07C	Operational	95	100	Kings	5/7/2001	TBD	9/30/2001	9/3/2001
7	Indigo Generation Facility Wildflower Energy	2001-EP-02C	Operational	135	100	Riverside	4/4/2001	4/5/2001	09/2001	9/10/2001
8	Alliance Century Energy Facility Alliance Colton	2001-EP-04C	Operational	40	100	San Bernardino	4/25/2001	4/26/2001	09/2001	9/15/2001
9	CalPeak Enterprise CalPeak Power	2001-EP-10C	Operational	49.5	100	San Diego	6/6/2001	6/7/2001	09/2001	9/30/2001
10	CalPeak Border CalPeak Power, LLC	2001-EP-14C	Operational	49.5	100	San Diego	7/11/2001	7/12/2001	09/2001	10/26/2001
	Subtotal On Line 2001			1,914						
11	King City Emergency Peaker Project	2001-EP-06C	Operational	50	100	Monterey	5/2/2001	5/3/2001	09/2001	1/14/2002

12a	Calpine Gilroy Energy Center, Phase 1 (Unit 1 & 2) Calpine	2001-EP-08C	Operational	0	100	Santa Clara	5/21/2001	5/22/2001	09/2001	1/29/2002
12b	Calpine Gilroy Energy Center, Phase 2 (Unit 3) Calpine	2001-EP-08C	Operational	135	100	Santa Clara	5/21/2001			2/20/2002
13	Delta Energy Facility Calpine	1998-AFC-03C	Operational	887	100	Contra Costa	2/9/2000	4/1/2000	07/2002	5/10/2002
14	Henrietta Peaker GWF Energy	2001-AFC-18C	Operational	96	100	Kings County	3/7/2002	3/8/2002	06/2002	7/1/2002
15	Moss Landing Modernization, Units 1 & 2 Duke Energy	1999-AFC-4C	Operational	1,060	100	Monterey County	10/25/2000	11/28/2000	06/2002	7/11/2002
16a	Huntington Beach Modernization, Unit 3 AES	2000-AFC-13C	Operational	225	100	Orange	5/10/2001	5/31/2001	11/2001	7/31/2002
17a	Valero Cogeneration, Unit 1 Valero Refining Company	2001-AFC-05C	Operational	51	100	Solano County	10/31/2001	11/5/2001	06/2002	10/18/2002
Subtotal On Line 2002				2,504						
18	Los Esteros 1 Calpine	2001-AFC-12C	Operational	180	100	Santa Clara County	7/2/2002	7/8/2002	05/2003	3/7/2003
19	La Paloma Generating Plant La Paloma Generating Company LLC	1998-AFC-02C	Operational	1,124	100	Kern County	10/6/1999	1/1/2000	02/2003	3/7/2003
20	High Desert Power Project High Desert Power Trust	1997-AFC-01C	Operational	830	100	San Bernardino	5/3/2000	5/1/2001	07/2003	4/22/2003
21	Tracy Peaker Plant GWF Power Systems	2001-AFC-16C	Operational	169	100	San Joaquin	7/17/2002	7/22/2002	04/2003	6/1/2003
1b	Sunrise Cogeneration, Phase II Texaco Global Gas and Power & NRG	1998-AFC-04C	Operational	265	100	Kern County	11/19/2001	12/7/2001	06/2003	6/1/2003
22	Woodland Generation Station 2 Modesto Irrigation District	2001-SPPE- 01C	Operational	80	100	Stanislaus County	9/19/2001	2/21/2002	05/2003	6/6/2003
23	Blythe Energy Project Blythe Energy, LLC	1999-AFC-08C	Operational	520	100	Riverside County	3/21/2001	4/27/2001	04/2003	7/15/2003
24	Elk Hills Power Project Elk Hills Power LLC	1999-AFC-01C	Operational	500	100	Kern County	12/6/2000	6/8/2001	12/2002	7/24/2003
16b	Huntington Beach Modernization, Unit 4 AES	00-AFC-13	Operational	225	100	Orange County	5/10/2001	5/31/2001	11/2001	8/7/2003
Subtotal On Line 2003				3,893						
Subtotal On Line 2004				0						
25	Donald Von Raesfeld (Formerly Pico Power) Silicon Valley Power	2002-AFC-03C	Operational	147	100	Santa Clara County	9/9/2003	9/10/2003	12/2004	3/24/2005
26	Metcalf Energy Center Calpine	1999-AFC-03C	Operational	600	100	Santa Clara County	9/24/2001	1/15/2002	07/2003	5/27/2005
27	Pastoria Energy Facility Calpine Corporation	1999-AFC-07C	Operational	750	100	Kern County	12/20/2000	10/3/2001	01/2003	7/5/2005
28	Kings River Peaker Kings River Conservation District	2003-SPPE- 02C	Operational	97	100	Fresno	5/19/2004	11/1/2004	05/2005	9/19/2005
29	Magnolia Southern CA Public Power Authority	2001-AFC-06C	Operational	328	100	Los Angeles	3/5/2003	7/21/2003	05/2005	9/22/2005
30	Malburg Generating Station City of Vernon	2001-AFC-25C	Operational	134	100	Los Angeles	5/20/2003	9/11/2003	11/2005	10/17/2005
31a	Mountainview Generating Station, Unit 3 Southern California Edison	2000-AFC-02C	Operational	1,056	100	San Bernardino	3/21/2001	9/1/2001	06/2003	12/9/2005
Subtotal On Line 2005				3,112						
31b	Mountainview Generating Station, Unit 4 Southern California Edison	2000-AFC-02C	Operational	0	100	Oxnard	3/21/2001	9/1/2001	06/2003	1/19/2006
32	Cosumnes Power Plant SMUD	2001-AFC-19C	Operational	500	100	Sacramento	9/9/2003	9/17/2003	06/2005	2/24/2006

B L I C
E N V I R O N M E N T A L
T R A N S M I S S I O N
S P E C I A L
P R O J E C T S

33	Walnut Energy Center Turlock Irrigation District	2002-AFC-04C	Operational	250	100	Stanislaus	2/18/2004	3/15/2004	04/2006	2/28/2006
34	Palomar Energy Project Semptra Energy Resources	2001-AFC-24C	Operational	546	100	San Diego	8/6/2003	6/1/2004	03/2006	4/1/2006
35a	Riverside Energy Resource Center, Unit 1 Riverside Public Utilities	2004-SPPE- 01C	Operational	96	100	Riverside	12/15/2004	2/23/2005	06/2005	6/1/2006
36	Ripon Simple Cycle Modesto Irrigation District	2003-SPPE- 01C	Operational	95	100	San Joaquin	2/4/2004	10/4/2004	04/2005	6/21/2006
35b	Riverside Energy Resource Center, Unit 2 Riverside Public Utilities	2004-SPPE- 01C	Operational	0	100	Riverside	12/15/2004			7/26/2006
Subtotal On Line 2006				1,487						
37	Bottle Rock Geothermal Power Plant Bottle Rock L.L.C.	1979-AFC-04C	Operational	55	100	Lake Co.	12/13/2006	12/19/2006	06/2007	10/1/2007
38	Roseville Energy Park Roseville Electric - City of Roseville	2003-AFC-01C	Operational	160	100	Placer	4/13/2005	8/18/2005	12/2007	11/5/2007
Subtotal On Line 2007				215						
39	Niland Peaker Imperial Irrigation District	2006-SPPE- 01C	Operational	93	100	Imperial County	10/11/2006	6/25/2007	08/2005	5/29/2008
Subtotal On Line 2008				93						
40	Gateway Generating Station (formerly Contra Costa Power Plant Unit 8) Mirant Corporation	2000-AFC-01C	Operational	530	100	Contra Costa	5/30/2001	8/30/2001	08/2003	1/4/2009
41a	Inland Empire Energy Center, Unit 1 Calpine	2001-AFC-17C	Operational	400	100	Riverside	12/17/2003	8/29/2005	12/2005	1/28/2009
42	Midway Peaking Project (formerly Starwood Power) Starwood Power - Midway LLC	2006-AFC-10C	Operational	120	100	Fresno	1/16/2008	9/23/2008	06/2009	5/1/2009
43	Panoche Energy Center Energy Investors Fund, LLC	2006-AFC-05C	Operational	400	100	Fresno County	12/19/2007	2/15/2008	11/2009	7/1/2009
44	Otay Mesa Otay Mesa Energy Center, LLC/Calpine	1999-AFC-5C	Operational	590	100	San Diego	4/18/2001	9/10/2001	07/2003	10/3/2009
Subtotal On Line 2009				2,040						
45	Orange Grove Energy Center Orange Grove Energy, L.P. Blythe Transmission Line Blythe Energy, LLC	2008-AFC-4C	Operational	96	100	San Diego County	4/8/2009	7/16/2009	12/1/2010	4/1/2010
41b	Inland Empire Energy Center Inland Empire Energy Center LLC	2001-AFC-17C	Operational	400	100	Riverside	12/17/2003	8/26/2005	12/2005	5/3/2010
46	Humboldt Bay Generating Station Repowering Pacific Gas and Electric Company	2006-AFC-07C	Operational	163	100	Humboldt County	9/24/2008	10/11/2008	09/2009	10/1/2010
47	Colusa Generating Station CPV/PG&E	2006-AFC-09C	Operational	660	100	Colusa County	4/23/2008	7/28/2008	5/1/2010	12/22/2010
Subtotal On Line 2010				1,319						
48	Riverside Energy Resource Center Units 3 & 4 (Expansion Project) City of Riverside	2008-SPPE-1C	Operational	96	100	Riverside County	2/25/2009	1/4/2010	12/2009	11/2011
49	Canyon Power Plant Southern CA Public Power Authority	2007-AFC-9C	Operational	200	100	Orange County	3/17/2010	4/15/2010	07/2011	12/2011
Subtotal On Line 2011				296						

50	Mariposa Energy Project Mariposa Energy, LLC	2009-AFC-03C	Operational	200	100	Alameda County	5/18/2011	6/8/2011	07/2012	10/2011
51	Almond 2 Power Plant Turlock Irrigation District	2009-AFC-02C	Operational	174	100	Stanislaus	12/15/2010	3/1/2011	3/27/2013	7/13/2012
52	El Centro Generating Station Unit 3 Repower Imperial Irrigation District	2006-SPPE-02C	Operational	128	100	Imperial County	1/4/2007	09/2010	04/2012	10/5/2012
53	Lodi Energy Center Northern California Power Authority (NCPA)	2008-AFC-10C	Operational	255	100	San Joaquin County	4/21/2010	7/14/2010	06/2012	11/1/2012
54	Tracy Combined-Cycle Power Plant AltaGas San Joaquin Energy Inc	2008-AFC-07C	Operational	145	100	San Joaquin County	3/24/2010	1/10/2011	08/2012	11/1/2012
Subtotal On Line 2012				902						
55	Marsh Landing Generating Station NRG Marsh Landing LLC	2008-AFC-03C	Operational	760	100	Contra Costa County	8/25/2010	1/15/2010	06/2013	5/1/2013
56	Walnut Creek Energy Park Walnut Creek Energy LLC	2005-AFC-02C	Operational	500	100	Los Angeles County	2/27/2008	06/2011	N/A	5/1/2013
57	CPV Sentinel Energy Project Competitive Power Ventures	2007-AFC-3C	Operational	850	100	Riverside County	12/1/2010	06/2011	08/2013	8/1/2013
58a	El Segundo Energy Center, Units: 5,6,7,8 El Segundo Energy Center LLC	2000-AFC-14C	Operational	560	100	Los Angeles County	7/1/2010	5/6/2011	08/2011	8/1/2013
59	Russell City Energy Center Calpine	2001-AFC-07C	Operational	600	100	Alameda County	9/11/2002	9/1/2010	2013	8/8/2013
60	Los Esteros Critical Energy Facility Phase II Calpine	2003-AFC-02C	Operational	140	100	Santa Clara	10/11/2006	7/8/2002	N/A	8/9/2013
61a	Genesis Solar Energy Projects, Unit 2 NextEra™ Energy Resources LLC	2009-AFC-08C	Operational	125	100	Riverside County	9/29/2010	1/17/2011	N/A	11/30/2013
62	Ivanpah Solar Electric Generating System Solar Partners Brightsource	2007-AFC-05C	Operational	370	100	San Bernardino County	9/22/2010	10/2010	10/2012	12/30/2013
Subtotal On Line 2013				3,905						
61b	Genesis Solar Energy Projects, Unit 1 NextEra™ Energy Resources LLC	2009-AFC-08C	Operational	125	100	Riverside County	9/29/2010	1/17/2011	N/A	3/7/2014
63	Mojave Solar Project Abengoa Solar Inc.	2009-AFC-5C	Operational	250	100	San Bernardino	9/8/2010	08/2011	N/A	12/9/2014
Subtotal On Line 2014				375						
64	Santa Clara SC-1 Data Center, Phase 2	2011-SPPE-01	Operational	0	100	Santa Clara County	3/28/2012			2015
Subtotal On Line 2015				0						
65a	Blythe Solar Power Project, Unit 1 NextEra Blythe Solar Energy Center, LLC	2009-AFC-6C	Operational	485	100	Riverside	9/15/2010	3/23/2015	N/A	4/28/2016
66	Pio Pico Energy Center Pio Pico Energy Center, LLC	2011-AFC-1C	Operational	300	100	San Diego	9/12/2012	3/9/2015	9/20/2016	10/20/2016
65b	Blythe Solar Power Project, Unit 2 NextEra Blythe Solar Energy Center, LLC	2009-AFC-6C	Operational	125	100	Riverside	9/15/2010	3/23/2015		10/28/2016
Subtotal On Line 2016				910						
Subtotal On Line 2017				0						
Subtotal On Line 2018				0						
ON-LINE TOTAL - In Operation				22,965						

Approved and Under Construction Arranged by Date On Line	Docket Number	Status	Capacity (MW)	Construction Completed (percent)	Location	Date Approved	Construction Start Date	Original On-Line Date	Actual On-Line Date*
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1	Carlsbad Energy Center Project Carlsbad Energy Center LLC	2007-AFC-6C	Under Construction	558	15	San Diego	7/30/2015	3/1/2017	06/2010	
2	Huntington Beach Energy Project (HBEP) AES Southland	2012-AFC-02C	Under Construction	939	0	Orange County	4/12/2017	TBD	08/2018	
3	Alamitos Energy Center AES Southland Development, LLC	2013-AFC-01C	Under Construction	1,040	0	Los Angeles County	4/12/2017		04/2020	
Approved and/or Under Construction Subtotal				2,537						
Approved and Under Pre-Construction Arranged by Date On Line		Docket Number	Status	Capacity (MW)	Construction Completed (percent)	Location	Date Approved	Construction Start Date	Original On-Line Date	Actual On-Line Date*
Approved and/or Under Pre-Construction Subtotal				0						
Approved and/or Under Construction Total (Pre-Const and Const)				2,537						
Approved & On Hold - Not Under Construction Arranged by Project Name		Docket Number	Status	Capacity (MW)	Construction Completed (percent)	Location	Date Approved	Construction Start Date	Original On-Line Date	Actual On-Line Date*
1	Oakley Generating Station Contra Costa Generating Station, LLC	2009-AFC-04C	On Hold Before Construction	624	10	Contra Costa	5/18/2011	6/8/2011		On Hold
2	Palmdale Energy Project (Formerly Palmdale Hybrid Power Project) Palmdale Energy, LLC	2008-AFC-09	On Hold Before Construction	645	0	Los Angeles		TBD		On Hold
3	Rice Solar Energy Project Rice Solar Energy LLC	2009-AFC-10C	On Hold Before Construction	150	0	Riverside County	12/15/2010	9/1/2011	03/2014	On Hold
Subtotal Approved and "Available" for Construction				1,419						
Approved License - Revoked by Commission Arranged by Project Name		Docket Number	Status	Capacity (MW)	Construction Completed (percent)	Location	Date Approved	Construction Start Date	Original On-Line Date	Actual On-Line Date*
A	Argus Cogeneration Expansion (ACE) Project ACE Cogeneration Company	1986-AFC-1C	License Terminated	100	0	Trona, San Bernardino County	1/6/1988			License Terminated
B	Black Rock 1 2 3 Geothermal Power Project [Formerly Salton Sea Geothermal] Cal Energy	2002-AFC-02C	License Terminated	159	0	Imperial County	12/17/2003	Extension Approved, Const Start 12/18/2019	01/2006	License Terminated
C	Blythe Energy Project Phase II [Sonoran Energy Project Petition to Amend Withdrawn] AltaGas Sonoran Energy, Inc.	2002-AFC-01C	License Expired	520	0	Riverside County	12/14/2005	TBD		License Expired
D	FPL Tesla Florida Power & Light	2001-AFC-21C	License Expired	1,120	0	Alameda County	6/16/2004	N/A	N/A	License Expired
E	Hanford Combined-Cycle Power Plant GWF Energy LLC	2001-EP-07C	License Terminated	25	0	Kings	3/24/2010	N/A	N/A	License Terminated
F	Palen Solar Power Project Maverick Solar, LLC	2009-AFC-7C	License Expired	500	0	Riverside	12/15/2010	N/A	N/A	License Expired
G	Pastoria Energy Facility Expansion Project (Simple Cycle Addition) Pastoria Energy LLC	2005-AFC-01C	License Expired	160	0	Kern County	11/8/2006	N/A	N/A	License Expired
H	Sacramento Ethanol Partners Cogen (SEPCO) Sacramento Power Inc	1992-AFC-02C	License Terminated	148.5	0		5/11/1994	N/A	N/A	License Terminated
I	San Francisco Energy Company	1994-AFC-01C	License Terminated	240	0	San Francisco County	3/31/1996	N/A	N/A	License Terminated
J	San Joaquin Valley Energy Center Calpine	2001-AFC-22C	License Expired	1,087	0	Fresno County	1/14/2004	N/A	N/A	License Expired
K	SCE Solar 100	1981-AFC-04C	License	110	0	San Bernardino	12/29/1982	N/A	N/A	License

	Southern California Edison		Expired			County				Expired	
L	Three Mountain Three Mountain Power / Covanta	1999-AFC-02C	License Expired	500	0	Shasta County	5/16/2001	N/A	N/A	License Expired	
M	United Golden Gate (Peaker) El Paso Merchant Energy	2000-AFC-05C	License Expired	51	0	San Mateo County	3/7/2001	N/A	N/A	License Expired	
N	Western Midway Sunset Project Midway Sunset Cogeneration Company	1999-AFC-09C	License Expired	500	0	Kern County	3/21/2001	N/A	N/A	License Expired	
Subtotal Approved but Will Not Be Built				5,220.5							
Subtotal Approved (Not Built) and On Hold				6,639.5							
APPROVED TOTAL				32,141.5							

Project Not Approved, License Terminated by Commission Arranged by Decision Date	Docket Number	Process	Capacity (MW)	Project Type	Location	Date Filed	Decision Date
Potrero Unit 7 Mirant Corporation	2000-AFC-04	12-month	540	Brown Field	San Francisco County	5/31/2000	3/1/2006
Ridgecrest Solar Power Project Solar Millennium LLC & Chevron Energy Solutions	2009-AFC-09	12-Month AFC	250	Green Field	Kern County	9/1/2009	4/22/2014
San Gabriel Generating Station Reliant Energy	2007-AFC-02	12-Month AFC	656	Brown Field	San Bernardino County	4/13/2007	10/19/2015
Sun Valley Energy Project (Peaker) NRG	2005-AFC-03	12-Month AFC	500	Green Field	Riverside County	12/1/2005	10/19/2015
Willow Pass Generating Station Mirant Corporation	2008-AFC-06	12-Month AFC	550	Brown Field	Contra Costa County	6/30/2008	10/19/2015
Subtotal License Denied			2,496				

Project Not Approved, License Denied by Commission Arranged by Decision Date	Docket Number	Process	Capacity (MW)	Project Type	Location	Date Filed	Decision Date
Santa Maria Aggregate	1987-AFC-02	AFC	50	Select Here		7/27/1987	
Pacific Waste Management Irwindale MSW	1984-AFC-05	AFC	80	Select Here		10/31/1984	
Eastshore Energy Center Eastshore Energy LLC	2006-AFC-06	12-Month AFC	116	Brown Field	Alameda County	9/22/2006	10/8/2008
Chula Vista Energy Upgrade Project MMC Energy Inc.	2007-AFC-04	12-Month AFC	100	Brown Field	San Diego County	8/10/2007	6/17/2009
Subtotal License Denied			346				

Withdrawn Projects List

Projects in Review Arranged Alphabetically	Docket Number	Process	Capacity (MW)	Project Type	Location	Date Filed	Estimated Decision Date	Estimate On-line Date**
1 McLaren Backup Generating Facility Vantage Data Centers	2017-SPPE-01	Small Power Plant Exemption	98.7		Santa Clara	12/26/2017		
2 Stanton Energy Reliability Center Stanton Energy Reliability Center, LLC	2016-AFC-01	12-Month AFC	98		Orange County	10/26/2016	9/12/2018	
a Mission Rock Energy Center Mission Rock Energy Center, LLC	2015-AFC-02	12-Month AFC	275		Ventura County	12/31/2015	Suspended until 7/1/19	Suspended until 7/1/19
b Puente Power Project (P3) NRG Oxnard Energy Center LLC	2015-AFC-01	12-Month AFC	262		Oxnard	4/15/2015	Suspended until 7/1/19	Suspended until 7/1/19
c Redondo Beach Repower	2012-AFC-03	12-Month AFC	496	Brown Field	Los Angeles County	11/19/2012	Under Suspension Until Filed to	Under Suspension Until Filed

AES Southland
Development, LLC

Reopen
Proceeding

to Reopen
Proceeding

UNDER REVIEW TOTAL (Excludes Suspended) 196.7

Projects Announced Arranged Alphabetically	Process	Project Type	Capacity (MW)	Location	Estimated Filing Date
1 Hell's Kitchen Geothermal Project Controlled Thermal Resources	12-Month AFC	Geothermal Steam Turbine	250	Salton Sea, Imperial County	TBD
ANNOUNCED TOTAL			250		

NOTES:

Bold text in table identifies a change from the previous report.

* Estimated on-line date if construction is not delayed.

** Estimated on-line date if approved and constructed as proposed.

Projects in italics are emergency siting projects.

Megawatts in [] are not included in totals.

{1} 1002 MW replaced with 1200 MW for a net increase of 198 MW

{2} 339 MW replaced with 630 MW for a net increase of 291 MW

{3} Calpine has received Commission approval to amend the project to add "duct firing," thereby increasing the total generating capacity from 510 to 590 MW.

{4} Amendment Approved 2/2/2011.

{5} Total MW includes 130 MW amendment approved 6/22/05.

{6} Calpine needs to obtain a new or amended Commission decision for a new location for the Russell City Project (01-AFC-7) approved September 11, 2002, but since "on hold."

{7} El Centro project (06-SPPE-2) is repower of 44 MW Unit 3 at Imperial Irrigation District El Centro Generating Station with 128 MW new facility, for a net increase of 84+ MW.

MW for projects withdrawn, cancelled or expired are not included in total available for possible construction.

DEFINITIONS:

Green Field - undeveloped site

Brown Field - developed site

Expansion - New unit at existing power plant site, no loss of existing generation

Repower - Modification of existing equipment

Replacement - Demolition of old plant and construction of new plant

On Hold indicates the applicant has suspended work.

Suspended indicates the committee has suspended the proceeding.

Withdrawn Projects List