Appendix E2b to California's Proposed Compliance Plan for the Federal Clean Power Plan:

Summary of Unit Operating Characteristics for the Stress Case

U.S. EPA Clean Power plan, Rule 111D (existing power plants) Annual Units Average Heat Rate, Capacity Factor, CO2e Emissions, Fuel use, and Generation from Affected California Power Plants
Energy Assessment Division
05-03-16

Summary: The following data sheet contains annual unit specific PLEXOS simulation results for generation (GWh), fuel use (1000 MMBTU) and capacity rating (MW available to grid). From these simulation results we are able to calculate each units annual average heat rate (BTU/KWh), capacity factor (Annual %) and CO2e (short tons) for existing power plants in California covered by EPA's clean power plan rule 111D.

The intended audience is the EPA and stakeholders.

Source of Data: Data for forecast years 2020 -2026 come from the PLEXOS production cost model simulations for the IEPE 2015 Mid Demand and a modified IEPR 2015 High Demand Case with Diablo Canyon retired and low hydro sensitivity (aka Stress Case).
The Stress Case includes 6,270 MW (2,800 MW CT, 3,470 MW CCs) of new thermal resources and no replacement capacity is included when Diablo is retired 12/31/2024.
Non OTC retirements are aligned with the 2014 LTPP, which used a generic retirement date assumption for thermal, non-OTC plants in California of 40 years from COD. This produced about 2,000 MW of retirements by 2026 (mostly CHP). This will impact the 111d results because some of the retired plants are covered by rule 111d.

Key Caveats:

1. The PLEXOS production cost model simulations are through 2026; the 2027-2030 forecast are estimated by applying the average growth rate from 2025-2026 to the 2026 values unless otherwise noted
2. For the CO2e calculations, staff assumes natural gas emits 117.1 pounds CO2 per MMBTU, landfill gas emits 115.3 pounds CO2 per MMBTU, and coal emits 225.3 pounds of CO2 per MMBTU, then converted to short tons.

Major Updates:

5-3-2016 SEGs solar-thermal units projected fuel use and associated emissions were adjusted to only account for the natural gas portion. Prior results incorrectly assigned emissions to the solar generation portion as well.
5-3-2016 Grayson 5 uses a blend of natural gas and landfill gas to generate electricity. The CO2e emissions were adjusted to use an average of the two fuels.
5-20-2016 included extrapolated 2027-2031. CO2e values differ slightly from statewide table due to rounding in later years and the Grayson 5 blended CO2e (NG and landfill gas) in the early forecast years. Grayson 5 does not generate after the year 2023.

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111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0011	AES Alamitos 1	NG SCG	2020	0	0	0	0	174.6	0.0%
include	G0011	AES Alamitos 1	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 1	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 2	NG SCG	2020	0	0	0	0	175.0	0.0%
include	G0011	AES Alamitos 2	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 2	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 3	NG SCG	2020	602	7701	12795	450887	332.2	20.6%
include	G0011	AES Alamitos 3	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 3	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 4	NG SCG	2020	0	0	0	0	335.7	0.0%
include	G0011	AES Alamitos 4	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 4	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 5	NG SCG	2020	3	34	11815	1971	485.0	0.1%
include	G0011	AES Alamitos 5	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 5	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 6	NG SCG	2020	0	0	0	0	495.0	0.0%
include	G0011	AES Alamitos 6	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0011	AES Alamitos 6	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0221	Agnews 1	NG PG&E LT	2020	28	262	9213	15343	30.5	10.6%
include	G0221	Agnews 1	NG PG&E LT	2021	23	212	9213	12423	30.5	8.6%
include	G0221	Agnews 1	NG PG&E LT	2022	28	260	9213	15251	30.5	10.6%
include	G0221	Agnews 1	NG PG&E LT	2023	19	172	9213	10069	30.5	7.0%
include	G0221	Agnews 1	NG PG&E LT	2024	11	105	9213	6162	30.5	4.3%
include	G0221	Agnews 1	NG PG&E LT	2025	42	390	9213	22862	30.5	15.8%
include	G0221	Agnews 1	NG PG&E LT	2026	43	393	9213	23015	30.5	15.9%
include	G0040	Badger Creek 1	NG TEOR Cogen	2020	162	1529	9433	89510	47.0	39.3%
include	G0040	Badger Creek 1	NG TEOR Cogen	2021	129	1214	9433	71051	47.0	31.2%
include	G0040	Badger Creek 1	NG TEOR Cogen	2022	125	1176	9433	68827	47.0	30.2%
include	G0040	Badger Creek 1	NG TEOR Cogen	2023	108	1023	9433	59910	47.0	26.3%
include	G0040	Badger Creek 1	NG TEOR Cogen	2024	96	904	9433	52936	47.0	23.2%
include	G0040	Badger Creek 1	NG TEOR Cogen	2025	150	1419	9433	83068	47.0	36.4%
include	G0040	Badger Creek 1	NG TEOR Cogen	2026	135	1278	9433	74806	47.0	32.8%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2020	218	1999	9156	117063	47.0	52.9%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2021	176	1613	9156	94415	47.0	42.7%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2022	172	1573	9156	92100	47.0	41.6%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2023	149	1361	9156	79667	47.0	36.0%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2024	139	1269	9156	74274	47.0	33.6%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2025	184	1683	9156	98542	47.0	44.5%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2026	175	1599	9156	93608	47.0	42.3%
include	G0787	Blythe ALS	NG Blythe	2020	1999	13774	6890	806465	262.5	86.7%
include	G0787	Blythe ALS	NG Blythe	2021	2012	13861	6890	811572	262.5	87.2%
include	G0787	Blythe ALS	NG Blythe	2022	2006	13824	6890	809372	262.5	87.0%
include	G0787	Blythe ALS	NG Blythe	2023	2014	13876	6890	812424	262.5	87.3%
include	G0787	Blythe ALS	NG Blythe	2024	2017	13895	6890	813563	262.5	87.5%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0787	Blythe ALS	NG Blythe	2025	2024	13949	6890	816717	262.5	87.8%
include	G0787	Blythe ALS	NG Blythe	2026	2031	13996	6890	819462	262.5	88.1%
include	G0787	Blythe BLS	NG Blythe	2020	1871	12891	6890	754768	262.5	81.1%
include	G0787	Blythe BLS	NG Blythe	2021	1897	13069	6890	765178	262.5	82.3%
include	G0787	Blythe BLS	NG Blythe	2022	1886	12995	6890	760850	262.5	81.8%
include	G0787	Blythe BLS	NG Blythe	2023	1905	13123	6890	768351	262.5	82.6%
include	G0787	Blythe BLS	NG Blythe	2024	1876	12927	6890	756893	262.5	81.4%
include	G0787	Blythe BLS	NG Blythe	2025	1890	13019	6890	762285	262.5	81.9%
include	G0787	Blythe BLS	NG Blythe	2026	1897	13074	6890	765464	262.5	82.3%
include	G0084	Carson Cogen Co. 1	NG SCG	2020	31	290	9285	16988	48.0	7.4%
include	G0084	Carson Cogen Co. 1	NG SCG	2021	28	263	9353	15378	48.0	6.7%
include	G0084	Carson Cogen Co. 1	NG SCG	2022	26	243	9429	14203	48.0	6.1%
include	G0084	Carson Cogen Co. 1	NG SCG	2023	14	129	9531	7551	48.0	3.2%
include	G0084	Carson Cogen Co. 1	NG SCG	2024	12	118	9560	6932	48.0	2.9%
include	G0084	Carson Cogen Co. 1	NG SCG	2025	19	179	9435	10505	48.0	4.5%
include	G0084	Carson Cogen Co. 1	NG SCG	2026	17	165	9458	9637	48.0	4.1%
include	G0085	Carson Ice CG CC	NG SMUD	2020	200	1017	5090	59536	57.8	39.3%
include	G0085	Carson Ice CG CC	NG SMUD	2021	203	1031	5090	60363	57.8	39.9%
include	G0085	Carson Ice CG CC	NG SMUD	2022	200	1017	5090	59536	57.8	39.3%
include	G0085	Carson Ice CG CC	NG SMUD	2023	212	1080	5090	63257	57.8	41.8%
include	G0085	Carson Ice CG CC	NG SMUD	2024	196	996	5090	58296	57.8	38.5%
include	G0085	Carson Ice CG CC	NG SMUD	2025	205	1045	5090	61190	57.8	40.4%
include	G0085	Carson Ice CG CC	NG SMUD	2026	197	1003	5090	58709	57.8	38.8%
include	G0085	Carson Ice CG GT1	NG SMUD	2020	137	912	6647	53383	43.2	36.1%
include	G0085	Carson Ice CG GT1	NG SMUD	2021	146	969	6647	56762	43.2	38.4%
include	G0085	Carson Ice CG GT1	NG SMUD	2022	141	935	6647	54724	43.2	37.1%
include	G0085	Carson Ice CG GT1	NG SMUD	2023	139	927	6647	54274	43.2	36.8%
include	G0085	Carson Ice CG GT1	NG SMUD	2024	146	973	6647	56993	43.2	38.6%
include	G0085	Carson Ice CG GT1	NG SMUD	2025	149	993	6647	58154	43.2	39.4%
include	G0085	Carson Ice CG GT1	NG SMUD	2026	150	995	6647	58252	43.2	39.4%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2020	147	1298	8803	76014	30.6	54.9%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2021	146	1287	8803	75329	30.6	54.4%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2022	143	1259	8803	73687	30.6	53.2%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2023	135	1186	8803	69414	30.6	50.2%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2024	129	1139	8803	66686	30.6	48.2%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2025	137	1207	8803	70680	30.6	51.1%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2026	131	1152	8803	67432	30.6	48.7%
include	G0923	Clearwater Cogen 1	NG SCG	2020	22	151	6800	8852	28.0	9.0%
include	G0923	Clearwater Cogen 1	NG SCG	2021	22	151	6810	8852	28.0	9.0%
include	G0923	Clearwater Cogen 1	NG SCG	2022	22	151	6806	8847	28.0	9.0%
include	G0923	Clearwater Cogen 1	NG SCG	2023	22	151	6794	8831	28.0	9.0%
include	G0923	Clearwater Cogen 1	NG SCG	2024	22	151	6796	8847	28.0	9.0%
include	G0923	Clearwater Cogen 1	NG SCG	2025	22	151	6798	8836	28.0	9.0%
include	G0923	Clearwater Cogen 1	NG SCG	2026	22	150	6777	8809	28.0	9.0%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0934	Colusa Gener 1A	NG PG&E LT	2020	2167	15379	7097	900446	330.0	74.8%
include	G0934	Colusa Gener 1A	NG PG&E LT	2021	2142	15203	7097	890163	330.0	73.9%
include	G0934	Colusa Gener 1A	NG PG&E LT	2022	2124	15073	7097	882550	330.0	73.3%
include	G0934	Colusa Gener 1A	NG PG&E LT	2023	2175	15436	7097	903758	330.0	75.0%
include	G0934	Colusa Gener 1A	NG PG&E LT	2024	2176	15441	7097	904052	330.0	75.1%
include	G0934	Colusa Gener 1A	NG PG&E LT	2025	2392	16980	7097	994202	330.0	82.5%
include	G0934	Colusa Gener 1A	NG PG&E LT	2026	2430	17244	7097	1009624	330.0	83.8%
include	G0934	Colusa Gener 1B	NG PG&E LT	2020	2135	15150	7097	887053	330.0	73.6%
include	G0934	Colusa Gener 1B	NG PG&E LT	2021	2135	15152	7097	887165	330.0	73.7%
include	G0934	Colusa Gener 1B	NG PG&E LT	2022	2133	15137	7097	886265	330.0	73.6%
include	G0934	Colusa Gener 1B	NG PG&E LT	2023	2192	15553	7097	910641	330.0	75.6%
include	G0934	Colusa Gener 1B	NG PG&E LT	2024	2164	15356	7097	899069	330.0	74.6%
include	G0934	Colusa Gener 1B	NG PG&E LT	2025	2408	17091	7097	1000705	330.0	83.1%
include	G0934	Colusa Gener 1B	NG PG&E LT	2026	2357	16731	7098	979611	330.0	81.3%
Include	G0149	Corona Cogen 1	NG SCG	2020	127	759	5968	44434	25.7	56.4%
Include	G0149	Corona Cogen 1	NG SCG	2021	127	759	5987	44461	25.7	56.3%
Include	G0149	Corona Cogen 1	NG SCG	2022	127	759	5987	44461	25.7	56.3%
Include	G0149	Corona Cogen 1	NG SCG	2023	127	758	5978	44396	25.7	56.3%
Include	G0149	Corona Cogen 1	NG SCG	2024	127	760	5979	44514	25.7	56.4%
Include	G0149	Corona Cogen 1	NG SCG	2025	127	757	5964	44294	25.7	56.3%
Include	G0149	Corona Cogen 1	NG SCG	2026	127	757	5965	44301	25.7	56.3%
include	G0889	Cosumnes River 1a	NG SMUD	2020	1880	13767	7324	806062	249.1	85.9%
include	G0889	Cosumnes River 1a	NG SMUD	2021	1852	13564	7324	794144	249.1	84.6%
include	G0889	Cosumnes River 1a	NG SMUD	2022	1832	13416	7324	785521	249.1	83.7%
include	G0889	Cosumnes River 1a	NG SMUD	2023	1815	13292	7323	778221	249.1	82.9%
include	G0889	Cosumnes River 1a	NG SMUD	2024	1828	13388	7323	783877	249.1	83.6%
include	G0889	Cosumnes River 1a	NG SMUD	2025	1853	13573	7324	794708	249.1	84.7%
include	G0889	Cosumnes River 1a	NG SMUD	2026	1898	13904	7324	814059	249.1	86.8%
include	G0889	Cosumnes River 1b	NG SMUD	2020	1885	13806	7324	808357	249.1	86.1%
include	G0889	Cosumnes River 1b	NG SMUD	2021	1891	13847	7324	810761	249.1	86.4%
include	G0889	Cosumnes River 1b	NG SMUD	2022	1841	13483	7324	789452	249.1	84.1%
include	G0889	Cosumnes River 1b	NG SMUD	2023	1857	13605	7325	796556	249.1	84.9%
include	G0889	Cosumnes River 1b	NG SMUD	2024	1839	13470	7325	788654	249.1	84.0%
include	G0889	Cosumnes River 1b	NG SMUD	2025	1865	13656	7324	799581	249.1	85.2%
include	G0889	Cosumnes River 1b	NG SMUD	2026	1874	13724	7324	803545	249.1	85.6%
include	G0161	Crockett Cogen 1	NG PG&E LT	2020	1762	9073	5150	531235	247.4	81.1%
include	G0161	Crockett Cogen 1	NG PG&E LT	2021	1756	9046	5150	529628	247.4	80.8%
include	G0161	Crockett Cogen 1	NG PG&E LT	2022	1756	9046	5150	529628	247.4	80.8%
include	G0161	Crockett Cogen 1	NG PG&E LT	2023	1756	9046	5150	529628	247.4	80.8%
include	G0161	Crockett Cogen 1	NG PG&E LT	2024	1762	9073	5150	531235	247.4	81.1%
include	G0161	Crockett Cogen 1	NG PG&E LT	2025	1756	9046	5150	529628	247.4	80.8%
include	G0161	Crockett Cogen 1	NG PG&E LT	2026	1756	9046	5150	529628	247.4	80.8%
include	G0783	Delta Energy 1a	NG PG&E BB	2020	6356	44446	6993	2602290	833.1	86.9%
include	G0783	Delta Energy 1a	NG PG&E BB	2021	6284	43945	6993	2572951	833.1	85.9%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0783	Delta Energy 1a	NG PG&E BB	2022	6276	43885	6992	2569469	833.1	85.8%
include	G0783	Delta Energy 1a	NG PG&E BB	2023	6272	43828	6987	2566103	833.1	85.7%
include	G0783	Delta Energy 1a	NG PG&E BB	2024	6248	43660	6988	2556274	833.1	85.4%
include	G0783	Delta Energy 1a	NG PG&E BB	2025	6394	44727	6996	2618761	833.1	87.4%
include	G0783	Delta Energy 1a	NG PG&E BB	2026	6403	44784	6995	2622101	833.1	87.5%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2020	142	1098	7749	64274	60.5	26.7%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2021	127	984	7729	57641	60.5	24.0%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2022	205	1585	7719	92807	60.5	38.6%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2023	132	1018	7707	59605	60.5	24.9%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2024	77	596	7698	34918	60.5	14.6%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2025	256	1978	7730	115825	60.5	48.2%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2026	234	1811	7722	106006	60.5	44.1%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2020	95	736	7752	43081	60.5	17.9%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2021	143	1108	7723	64846	60.5	27.0%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2022	157	1213	7718	71042	60.5	29.6%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2023	151	1161	7704	67994	60.5	28.4%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2024	138	1063	7680	62215	60.5	26.0%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2025	242	1872	7725	109618	60.5	45.6%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2026	235	1817	7718	106389	60.5	44.3%
include	G0190	El Centro 4	NG SCG	2020	0	0	0	0	73.9	0.0%
include	G0190	El Centro 4	NG SCG	2021	0	0	0	0	73.9	0.0%
include	G0190	El Centro 4	NG SCG	2022	0	0	0	0	73.9	0.0%
include	G0190	El Centro 4	NG SCG	2023	0	0	0	0	73.9	0.0%
include	G0190	El Centro 4	NG SCG	2024	0	0	0	0	73.9	0.0%
include	G0190	El Centro 4	NG SCG	2025	0	0	0	0	73.9	0.0%
include	G0190	El Centro 4	NG SCG	2026	0	0	0	0	73.9	0.0%
include	G0190	El Centro CC 2	NG SCG	2020	0	0	0	0	115.0	0.0%
include	G0190	El Centro CC 2	NG SCG	2021	0	0	0	0	115.0	0.0%
include	G0190	El Centro CC 2	NG SCG	2022	0	0	0	0	115.0	0.0%
include	G0190	El Centro CC 2	NG SCG	2023	0	3	9119	173	115.0	0.0%
include	G0190	El Centro CC 2	NG SCG	2024	0	0	0	0	115.0	0.0%
include	G0190	El Centro CC 2	NG SCG	2025	1	7	9150	408	115.0	0.1%
include	G0190	El Centro CC 2	NG SCG	2026	1	12	9262	686	115.0	0.1%
include	G0190	El Centro CC 3	NG SCG	2020	8	67	7865	3894	165.0	0.6%
include	G0190	El Centro CC 3	NG SCG	2021	13	100	7864	5831	165.0	0.9%
include	G0190	El Centro CC 3	NG SCG	2022	19	148	7789	8642	165.0	1.3%
include	G0190	El Centro CC 3	NG SCG	2023	17	137	7898	8051	165.0	1.2%
include	G0190	El Centro CC 3	NG SCG	2024	18	140	7847	8175	165.0	1.2%
include	G0190	El Centro CC 3	NG SCG	2025	32	252	7795	14775	165.0	2.2%
include	G0190	El Centro CC 3	NG SCG	2026	62	476	7720	27868	165.0	4.3%
include	G0053	El Segundo 5a	NG SCG	2020	2069	13948	6740	816651	275.0	85.7%
include	G0053	El Segundo 5a	NG SCG	2021	2038	13735	6739	804205	275.0	84.4%
include	G0053	El Segundo 5a	NG SCG	2022	2022	13629	6742	797977	275.0	83.7%
include	G0053	El Segundo 5a	NG SCG	2023	1953	13161	6737	770581	275.0	80.9%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0053	El Segundo 5a	NG SCG	2024	2020	13608	6738	796734	275.0	83.6%
include	G0053	El Segundo 5a	NG SCG	2025	2072	13958	6735	817242	275.0	85.8%
include	G0053	El Segundo 5a	NG SCG	2026	2057	13862	6738	811596	275.0	85.2%
include	G0053	El Segundo 5b	NG SCG	2020	2071	13954	6738	817023	275.0	85.7%
include	G0053	El Segundo 5b	NG SCG	2021	2041	13752	6738	805179	275.0	84.5%
include	G0053	El Segundo 5b	NG SCG	2022	2015	13578	6739	794964	275.0	83.4%
include	G0053	El Segundo 5b	NG SCG	2023	2034	13709	6739	802684	275.0	84.2%
include	G0053	El Segundo 5b	NG SCG	2024	2061	13891	6740	813299	275.0	85.3%
include	G0053	El Segundo 5b	NG SCG	2025	2080	14016	6740	820662	275.0	86.1%
include	G0053	El Segundo 5b	NG SCG	2026	2101	14160	6739	829044	275.0	87.0%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2020	2342	15967	6817	934873	308.5	86.4%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2021	2331	15866	6806	928931	308.5	86.0%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2022	2327	15833	6805	927013	308.5	85.9%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2023	2326	15805	6793	925356	308.5	85.9%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2024	2303	15622	6784	914692	308.5	85.0%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2025	2335	15887	6805	930194	308.5	86.1%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2026	2334	15879	6802	929696	308.5	86.1%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2020	2350	16017	6817	937768	308.5	86.7%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2021	2330	15857	6805	928449	308.5	86.0%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2022	2320	15787	6804	924307	308.5	85.6%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2023	2312	15708	6795	919720	308.5	85.3%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2024	2318	15726	6784	920762	308.5	85.5%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2025	2349	15978	6803	935522	308.5	86.7%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2026	2329	15837	6801	927242	308.5	85.9%
include	G0201	Etiwanda 3	NG SCG	2020	283	4149	14650	242920	320.0	10.1%
include	G0201	Etiwanda 3	NG SCG	2021	284	4154	14626	243191	320.0	10.1%
include	G0201	Etiwanda 3	NG SCG	2022	287	4192	14622	245458	320.0	10.2%
include	G0201	Etiwanda 4	NG SCG	2020	0	0	0	0	320.0	0.0%
include	G0201	Etiwanda 4	NG SCG	2021	0	0	0	0	320.0	0.0%
include	G0201	Etiwanda 4	NG SCG	2022	0	0	0	0	320.0	0.0%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2020	23	138	5922	8056	50.5	5.2%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2021	23	137	5922	8039	50.5	5.2%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2022	23	137	5922	8039	50.5	5.2%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2023	23	137	5922	8039	50.5	5.2%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2024	23	138	5922	8056	50.5	5.2%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2025	23	137	5922	8039	50.5	5.2%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2026	23	137	5922	8039	50.5	5.2%
include	G0950	Gateway Generating 8a	NG PG&E LT	2020	1837	13259	7219	776315	306.0	68.3%
include	G0950	Gateway Generating 8a	NG PG&E LT	2021	1831	13205	7211	773138	306.0	68.1%
include	G0950	Gateway Generating 8a	NG PG&E LT	2022	1841	13272	7211	777068	306.0	68.5%
include	G0950	Gateway Generating 8a	NG PG&E LT	2023	1747	12591	7209	737191	306.0	65.0%
include	G0950	Gateway Generating 8a	NG PG&E LT	2024	1712	12331	7205	721998	306.0	63.7%
include	G0950	Gateway Generating 8a	NG PG&E LT	2025	2047	14778	7220	865235	306.0	76.1%
include	G0950	Gateway Generating 8a	NG PG&E LT	2026	2067	14926	7220	873919	306.0	76.9%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0950	Gateway Generating 8b	NG PG&E LT	2020	1921	13867	7219	811934	306.0	71.5%
include	G0950	Gateway Generating 8b	NG PG&E LT	2021	1814	13078	7210	765718	306.0	67.5%
include	G0950	Gateway Generating 8b	NG PG&E LT	2022	1754	12651	7212	740736	306.0	65.3%
include	G0950	Gateway Generating 8b	NG PG&E LT	2023	1678	12096	7210	708241	306.0	62.4%
include	G0950	Gateway Generating 8b	NG PG&E LT	2024	1695	12212	7203	714996	306.0	63.1%
include	G0950	Gateway Generating 8b	NG PG&E LT	2025	2121	15309	7219	896363	306.0	78.9%
include	G0950	Gateway Generating 8b	NG PG&E LT	2026	2152	15536	7220	909646	306.0	80.1%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2020	62	327	5292	19117	105.0	6.7%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2021	61	325	5292	19013	105.0	6.7%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2022	61	325	5292	19013	105.0	6.7%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2023	61	325	5292	19013	105.0	6.7%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2024	62	327	5292	19117	105.0	6.7%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2025	61	325	5292	19013	105.0	6.7%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2026	61	325	5292	19013	105.0	6.7%
include	G0233	Goal Line Cogen 1	NG SDG&E	2020	230	1200	5224	70237	34.8	75.1%
include	G0233	Goal Line Cogen 1	NG SDG&E	2021	229	1196	5224	70030	34.8	74.9%
include	G0233	Goal Line Cogen 1	NG SDG&E	2022	229	1198	5224	70164	34.8	75.1%
include	G0233	Goal Line Cogen 1	NG SDG&E	2023	229	1196	5226	70038	34.8	74.9%
include	G0233	Goal Line Cogen 1	NG SDG&E	2024	231	1205	5225	70546	34.8	75.5%
include	G0233	Goal Line Cogen 1	NG SDG&E	2025	230	1200	5223	70285	34.8	75.2%
include	G0233	Goal Line Cogen 1	NG SDG&E	2026	229	1198	5224	70154	34.8	75.0%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2020	202	2461	12158	142973	44.0	52.4%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2021	223	2716	12152	157760	44.0	57.8%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2022	240	2913	12141	169214	44.0	62.1%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2023	217	2632	12149	152916	44.0	56.1%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2024	0	0	0	0	0.0	0.0%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2025	0	0	0	0	0.0	0.0%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2026	0	0	0	0	0.0	0.0%
include	G0236	Grayson CC A	NG SCG	2020	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC A	NG SCG	2021	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC A	NG SCG	2022	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC A	NG SCG	2023	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC A	NG SCG	2024	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC A	NG SCG	2025	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC A	NG SCG	2026	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2020	0	0	0	0	80.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2021	0	0	0	0	80.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2022	0	0	0	0	80.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2023	0	0	0	0	80.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2024	0	0	0	0	80.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2025	0	0	0	0	80.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2026	1	11	8847	622	80.0	0.2%
include	G0238	Greenleaf 1	NG PG&E LT	2020	25	229	9120	13414	46.9	6.1%
include	G0238	Greenleaf 1	NG PG&E LT	2021	25	226	9120	13248	46.9	6.0%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0238	Greenleaf 1	NG PG&E LT	2022	24	221	9120	12915	46.9	5.9%
include	G0238	Greenleaf 1	NG PG&E LT	2023	24	217	9120	12677	46.9	5.8%
include	G0238	Greenleaf 1	NG PG&E LT	2024	25	227	9120	13269	46.9	6.0%
include	G0238	Greenleaf 1	NG PG&E LT	2025	25	232	9120	13590	46.9	6.2%
include	G0238	Greenleaf 1	NG PG&E LT	2026	25	230	9120	13459	46.9	6.1%
include	G0239	Greenleaf 2	NG PG&E LT	2020	264	1514	5731	88648	40.0	75.3%
include	G0239	Greenleaf 2	NG PG&E LT	2021	263	1510	5731	88396	40.0	75.1%
include	G0239	Greenleaf 2	NG PG&E LT	2022	263	1510	5731	88396	40.0	75.1%
include	G0239	Greenleaf 2	NG PG&E LT	2023	263	1510	5731	88396	40.0	75.1%
include	G0239	Greenleaf 2	NG PG&E LT	2024	264	1514	5731	88648	40.0	75.3%
include	G0239	Greenleaf 2	NG PG&E LT	2025	263	1510	5731	88396	40.0	75.1%
include	G0239	Greenleaf 2	NG PG&E LT	2026	263	1510	5731	88396	40.0	75.1%
include	G0245	Harbor CC 1	NG SCG	2020	551	3309	6005	193731	122.8	51.1%
include	G0245	Harbor CC 1	NG SCG	2021	622	3697	5946	216487	122.8	57.6%
include	G0245	Harbor CC 1	NG SCG	2022	627	3782	6032	221432	122.8	58.1%
include	G0245	Harbor CC 1	NG SCG	2023	601	3574	5949	209276	122.8	55.7%
include	G0245	Harbor CC 1	NG SCG	2024	620	3702	5967	216761	122.8	57.5%
include	G0245	Harbor CC 1	NG SCG	2025	728	4320	5935	252913	122.8	67.4%
include	G0245	Harbor CC 1	NG SCG	2026	757	4518	5966	264524	122.8	70.2%
include	G0245	Harbor CC 2	NG SCG	2020	545	3257	5974	190679	122.8	50.5%
include	G0245	Harbor CC 2	NG SCG	2021	641	3870	6037	226587	122.8	59.4%
include	G0245	Harbor CC 2	NG SCG	2022	610	3633	5952	212703	122.8	56.6%
include	G0245	Harbor CC 2	NG SCG	2023	619	3732	6033	218516	122.8	57.3%
include	G0245	Harbor CC 2	NG SCG	2024	630	3787	6014	221709	122.8	58.3%
include	G0245	Harbor CC 2	NG SCG	2025	755	4564	6042	267250	122.8	70.0%
include	G0245	Harbor CC 2	NG SCG	2026	770	4633	6016	271252	122.8	71.4%
include	G0246	Harbor CGCC 1	NG SCG	2020	24	229	9430	13399	100.0	2.8%
include	G0246	Harbor CGCC 1	NG SCG	2021	24	228	9464	13361	100.0	2.7%
include	G0246	Harbor CGCC 1	NG SCG	2022	24	228	9464	13361	100.0	2.7%
include	G0246	Harbor CGCC 1	NG SCG	2023	24	228	9450	13341	100.0	2.7%
include	G0246	Harbor CGCC 1	NG SCG	2024	24	229	9445	13420	100.0	2.8%
include	G0246	Harbor CGCC 1	NG SCG	2025	24	228	9464	13361	100.0	2.7%
include	G0246	Harbor CGCC 1	NG SCG	2026	24	228	9464	13361	100.0	2.7%
include	G0249	Haynes 1	NG SCG	2020	0	0	0	0	222.0	0.0%
include	G0249	Haynes 1	NG SCG	2021	0	0	0	0	222.0	0.0%
include	G0249	Haynes 1	NG SCG	2022	0	0	0	0	222.0	0.0%
include	G0249	Haynes 1	NG SCG	2023	0	0	0	0	222.0	0.0%
include	G0249	Haynes 1	NG SCG	2024	0	0	0	0	222.0	0.0%
include	G0249	Haynes 1	NG SCG	2025	0	0	0	0	222.0	0.0%
include	G0249	Haynes 1	NG SCG	2026	2	21	12182	1214	222.0	0.1%
include	G0249	Haynes 2	NG SCG	2020	0	0	0	0	222.0	0.0%
include	G0249	Haynes 2	NG SCG	2021	0	0	0	0	222.0	0.0%
include	G0249	Haynes 2	NG SCG	2022	0	0	0	0	222.0	0.0%
include	G0249	Haynes 2	NG SCG	2023	0	0	0	0	222.0	0.0%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0249	Haynes 2	NG SCG	2024	0	0	0	0	222.0	0.0%
include	G0249	Haynes 2	NG SCG	2025	0	0	0	0	222.0	0.0%
include	G0249	Haynes 2	NG SCG	2026	0	0	0	0	222.0	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2020	0	0	0	0	227.5	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2021	0	0	0	0	227.5	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2022	0	0	0	0	227.5	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2023	0	0	0	0	227.5	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2024	0	0	0	0	227.5	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2025	45	322	7157	18858	227.5	2.3%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2026	128	917	7153	53677	227.5	6.4%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2020	0	0	0	0	248.7	0.0%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2021	95	682	7148	39931	248.7	4.4%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2022	163	1169	7150	68440	248.7	7.5%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2023	42	300	7162	17571	248.7	1.9%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2024	36	262	7182	15318	248.7	1.7%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2025	297	2117	7128	123936	248.7	13.6%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2026	344	2455	7135	143740	248.7	15.7%
include	G0778	High Desert Power 1a	NG Kern River	2020	2000	14758	7379	864077	288.0	79.1%
include	G0778	High Desert Power 1a	NG Kern River	2021	1966	14499	7374	848908	288.0	77.7%
include	G0778	High Desert Power 1a	NG Kern River	2022	1975	14562	7374	852591	288.0	78.1%
include	G0778	High Desert Power 1a	NG Kern River	2023	1898	13987	7368	818914	288.0	75.0%
include	G0778	High Desert Power 1a	NG Kern River	2024	1859	13696	7368	801922	288.0	73.5%
include	G0778	High Desert Power 1a	NG Kern River	2025	1937	14279	7371	836065	288.0	76.6%
include	G0778	High Desert Power 1a	NG Kern River	2026	2014	14840	7367	868882	288.0	79.6%
include	G0778	High Desert Power 1b	NG Kern River	2020	1996	14726	7378	862229	288.0	78.9%
include	G0778	High Desert Power 1b	NG Kern River	2021	1982	14613	7374	855587	288.0	78.3%
include	G0778	High Desert Power 1b	NG Kern River	2022	1991	14682	7374	859611	288.0	78.7%
include	G0778	High Desert Power 1b	NG Kern River	2023	1897	13981	7368	818567	288.0	75.0%
include	G0778	High Desert Power 1b	NG Kern River	2024	1864	13732	7368	804021	288.0	73.7%
include	G0778	High Desert Power 1b	NG Kern River	2025	1950	14372	7371	841482	288.0	77.1%
include	G0778	High Desert Power 1b	NG Kern River	2026	2000	14733	7368	862627	288.0	79.0%
include	G0778	High Desert Power 1c	NG Kern River	2020	1978	14596	7377	854588	288.0	78.2%
include	G0778	High Desert Power 1c	NG Kern River	2021	1916	14130	7374	827307	288.0	75.7%
include	G0778	High Desert Power 1c	NG Kern River	2022	1964	14482	7373	847918	288.0	77.6%
include	G0778	High Desert Power 1c	NG Kern River	2023	1883	13872	7368	812184	288.0	74.4%
include	G0778	High Desert Power 1c	NG Kern River	2024	1856	13671	7368	800445	288.0	73.3%
include	G0778	High Desert Power 1c	NG Kern River	2025	1929	14216	7371	832353	288.0	76.2%
include	G0778	High Desert Power 1c	NG Kern River	2026	1966	14488	7367	848258	288.0	77.7%
include	G0274	Huntington Beach 1	NG SCG	2020	0	0	0	0	225.8	0.0%
include	G0274	Huntington Beach 1	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0274	Huntington Beach 1	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0274	Huntington Beach 2	NG SCG	2020	496	6602	13306	386521	225.8	25.0%
include	G0274	Huntington Beach 2	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0274	Huntington Beach 2	NG SCG	2022	0	0	0	0	0.0	0.0%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0868	Inland Empire Energy 1	NG SCG	2020	2932	19534	6661	1143727	405.0	82.4%
include	G0868	Inland Empire Energy 1	NG SCG	2021	2908	19358	6657	1133411	405.0	81.7%
include	G0868	Inland Empire Energy 1	NG SCG	2022	2917	19421	6658	1137099	405.0	82.0%
include	G0868	Inland Empire Energy 1	NG SCG	2023	2841	18927	6663	1108157	405.0	79.8%
include	G0868	Inland Empire Energy 1	NG SCG	2024	2867	19098	6661	1118180	405.0	80.6%
include	G0868	Inland Empire Energy 1	NG SCG	2025	2907	19358	6658	1133392	405.0	81.7%
include	G0868	Inland Empire Energy 1	NG SCG	2026	2941	19581	6658	1146489	405.0	82.7%
include	G0868	Inland Empire Energy 2	NG SCG	2020	2885	19211	6658	1124807	405.0	81.1%
include	G0868	Inland Empire Energy 2	NG SCG	2021	2852	18988	6659	1111776	405.0	80.2%
include	G0868	Inland Empire Energy 2	NG SCG	2022	2874	19139	6659	1120608	405.0	80.8%
include	G0868	Inland Empire Energy 2	NG SCG	2023	2903	19332	6659	1131893	405.0	81.6%
include	G0868	Inland Empire Energy 2	NG SCG	2024	2843	18942	6662	1109052	405.0	79.9%
include	G0868	Inland Empire Energy 2	NG SCG	2025	2893	19265	6660	1127993	405.0	81.3%
include	G0868	Inland Empire Energy 2	NG SCG	2026	2920	19450	6660	1138771	405.0	82.1%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2020	13	97	7668	5690	75.0	1.9%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2021	13	97	7697	5681	75.0	1.9%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2022	13	98	7772	5736	75.0	1.9%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2023	13	98	7744	5715	75.0	1.9%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2024	13	98	7752	5753	75.0	1.9%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2025	13	97	7699	5682	75.0	1.9%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2026	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2020	27	202	7597	11849	75.0	4.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2021	27	202	7604	11824	75.0	4.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2022	27	202	7623	11854	75.0	4.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2023	27	202	7622	11851	75.0	4.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2024	27	203	7632	11903	75.0	4.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2025	27	201	7565	11764	75.0	4.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2026	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2020	57	425	7473	24902	75.0	8.6%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2021	57	424	7468	24852	75.0	8.6%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2022	57	425	7482	24898	75.0	8.6%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2023	57	425	7483	24902	75.0	8.6%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2024	57	425	7463	24868	75.0	8.6%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2025	57	424	7458	24820	75.0	8.6%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2026	0	0	0	0	0.0	0.0%
include	G0019	King City Cogen 1	NG PG&E LT	2020	477	1767	3705	103431	89.2	60.9%
include	G0019	King City Cogen 1	NG PG&E LT	2021	476	1762	3705	103178	89.2	60.7%
include	G0019	King City Cogen 1	NG PG&E LT	2022	476	1762	3705	103178	89.2	60.7%
include	G0019	King City Cogen 1	NG PG&E LT	2023	476	1762	3705	103178	89.2	60.7%
include	G0019	King City Cogen 1	NG PG&E LT	2024	477	1767	3705	103431	89.2	60.9%
include	G0019	King City Cogen 1	NG PG&E LT	2025	476	1762	3705	103178	89.2	60.7%
include	G0019	King City Cogen 1	NG PG&E LT	2026	476	1762	3705	103178	89.2	60.7%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2020	0	0	0	0	23.1	0.0%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2021	0	0	0	0	23.1	0.0%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2022	0	0	0	0	23.1	0.0%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2023	0	0	0	0	23.1	0.0%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2024	0	0	0	0	23.1	0.0%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2025	0	0	0	0	23.1	0.0%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2026	0	0	0	0	23.1	0.0%
include	G0781	La Paloma 1	NG Kern River	2020	1806	13732	7605	804034	256.2	80.2%
include	G0781	La Paloma 1	NG Kern River	2021	1799	13664	7595	800025	256.2	79.9%
include	G0781	La Paloma 1	NG Kern River	2022	1810	13744	7595	804687	256.2	80.4%
include	G0781	La Paloma 1	NG Kern River	2023	1771	13442	7591	787043	256.2	78.7%
include	G0781	La Paloma 1	NG Kern River	2024	1770	13418	7582	785643	256.2	78.6%
include	G0781	La Paloma 1	NG Kern River	2025	1823	13853	7600	811068	256.2	81.0%
include	G0781	La Paloma 1	NG Kern River	2026	1829	13898	7599	813714	256.2	81.3%
include	G0781	La Paloma 2	NG Kern River	2020	1886	14460	7665	846611	260.2	82.5%
include	G0781	La Paloma 2	NG Kern River	2021	1830	14023	7665	821067	260.2	80.1%
include	G0781	La Paloma 2	NG Kern River	2022	1855	14214	7665	832237	260.2	81.1%
include	G0781	La Paloma 2	NG Kern River	2023	1850	14182	7664	830333	260.2	81.0%
include	G0781	La Paloma 2	NG Kern River	2024	1840	14100	7661	825543	260.2	80.5%
include	G0781	La Paloma 2	NG Kern River	2025	1884	14442	7665	845573	260.2	82.4%
include	G0781	La Paloma 2	NG Kern River	2026	1879	14400	7665	843114	260.2	82.2%
include	G0781	La Paloma 3	NG Kern River	2020	1843	14391	7807	842572	259.8	80.8%
include	G0781	La Paloma 3	NG Kern River	2021	1850	14441	7806	845522	259.8	81.1%
include	G0781	La Paloma 3	NG Kern River	2022	1818	14193	7806	830998	259.8	79.7%
include	G0781	La Paloma 3	NG Kern River	2023	1765	13774	7806	806464	259.8	77.3%
include	G0781	La Paloma 3	NG Kern River	2024	1769	13807	7805	808389	259.8	77.5%
include	G0781	La Paloma 3	NG Kern River	2025	1847	14418	7806	844192	259.8	80.9%
include	G0781	La Paloma 3	NG Kern River	2026	1825	14247	7806	834144	259.8	80.0%
include	G0781	La Paloma 4	NG Kern River	2020	1840	14248	7746	834244	259.8	80.6%
include	G0781	La Paloma 4	NG Kern River	2021	1805	13973	7740	818102	259.8	79.1%
include	G0781	La Paloma 4	NG Kern River	2022	1775	13742	7741	804601	259.8	77.8%
include	G0781	La Paloma 4	NG Kern River	2023	1784	13803	7737	808139	259.8	78.2%
include	G0781	La Paloma 4	NG Kern River	2024	1747	13508	7732	790904	259.8	76.6%
include	G0781	La Paloma 4	NG Kern River	2025	1832	14186	7743	830582	259.8	80.3%
include	G0781	La Paloma 4	NG Kern River	2026	1823	14114	7742	826371	259.8	79.9%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2020	157	1472	9386	86200	41.5	43.0%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2021	130	1218	9386	71295	41.5	35.6%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2022	129	1211	9386	70919	41.5	35.4%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2023	103	962	9386	56340	41.5	28.1%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2024	94	885	9386	51815	41.5	25.9%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2025	147	1377	9386	80635	41.5	40.2%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2026	140	1313	9386	76902	41.5	38.4%
include	G1009	Lodi Energy Center	NG PG&E LT	2020	2052	14567	7100	852927	280.0	83.4%
include	G1009	Lodi Energy Center	NG PG&E LT	2021	2036	14458	7100	846522	280.0	82.8%
include	G1009	Lodi Energy Center	NG PG&E LT	2022	2031	14423	7100	844458	280.0	82.6%
include	G1009	Lodi Energy Center	NG PG&E LT	2023	2024	14374	7101	841592	280.0	82.3%

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include	G1009	Lodi Energy Center	NG PG&E LT	2024	2025	14382	7101	842084	280.0	82.3%
include	G1009	Lodi Energy Center	NG PG&E LT	2025	2063	14643	7099	857352	280.0	83.9%
include	G1009	Lodi Energy Center	NG PG&E LT	2026	2051	14558	7099	852387	280.0	83.4%
include	G0866	Los Esteros CC	NG PG&E LT	2020	1780	13329	7489	780392	300.0	67.5%
include	G0866	Los Esteros CC	NG PG&E LT	2021	1754	13139	7490	769295	300.0	66.6%
include	G0866	Los Esteros CC	NG PG&E LT	2022	1748	13094	7493	766681	300.0	66.3%
include	G0866	Los Esteros CC	NG PG&E LT	2023	1672	12527	7492	733478	300.0	63.5%
include	G0866	Los Esteros CC	NG PG&E LT	2024	1542	11561	7497	676896	300.0	58.5%
include	G0866	Los Esteros CC	NG PG&E LT	2025	1914	14335	7488	839295	300.0	72.6%
include	G0866	Los Esteros CC	NG PG&E LT	2026	1824	13650	7486	799230	300.0	69.2%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2020	1815	12758	7029	746995	297.0	69.6%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2021	1674	11740	7011	687369	297.0	64.2%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2022	1674	11743	7014	687524	297.0	64.2%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2023	1785	12488	6997	731197	297.0	68.4%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2024	1763	12324	6992	721596	297.0	67.6%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2025	2023	14221	7030	832668	297.0	77.5%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2026	2015	14166	7030	829445	297.0	77.2%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2020	1739	12230	7034	716046	297.0	66.6%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2021	1773	12426	7009	727537	297.0	68.0%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2022	1757	12313	7007	720940	297.0	67.4%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2023	1755	12289	7002	719501	297.0	67.3%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2024	1723	12052	6995	705663	297.0	66.0%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2025	1944	13682	7037	801064	297.0	74.5%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2026	2021	14211	7032	832051	297.0	77.5%
include	G0329	Magnolia Repower 1	NG SCG	2020	406	2841	6994	166329	316.0	14.6%
include	G0329	Magnolia Repower 1	NG SCG	2021	401	2814	7020	164769	316.0	14.4%
include	G0329	Magnolia Repower 1	NG SCG	2022	552	3869	7006	226537	316.0	19.9%
include	G0329	Magnolia Repower 1	NG SCG	2023	386	2708	7016	158546	316.0	13.9%
include	G0329	Magnolia Repower 1	NG SCG	2024	463	3234	6984	189347	316.0	16.7%
include	G0329	Magnolia Repower 1	NG SCG	2025	713	4976	6978	291354	316.0	25.7%
include	G0329	Magnolia Repower 1	NG SCG	2026	633	4425	6994	259065	316.0	22.8%
include	G0894	Malburg 1a	NG SCG	2020	374	2883	7716	168791	67.5	63.0%
include	G0894	Malburg 1a	NG SCG	2021	348	2683	7711	157108	67.5	58.7%
include	G0894	Malburg 1a	NG SCG	2022	340	2625	7710	153683	67.5	57.4%
include	G0894	Malburg 1a	NG SCG	2023	326	2516	7709	147289	67.5	55.0%
include	G0894	Malburg 1a	NG SCG	2024	322	2481	7708	145292	67.5	54.3%
include	G0894	Malburg 1a	NG SCG	2025	353	2723	7712	159410	67.5	59.5%
include	G0894	Malburg 1a	NG SCG	2026	352	2716	7712	159033	67.5	59.4%
include	G0894	Malburg 1b	NG SCG	2020	374	2886	7715	168983	67.5	63.1%
include	G0894	Malburg 1b	NG SCG	2021	347	2678	7713	156805	67.5	58.6%
include	G0894	Malburg 1b	NG SCG	2022	342	2638	7710	154464	67.5	57.7%
include	G0894	Malburg 1b	NG SCG	2023	329	2534	7708	148388	67.5	55.5%
include	G0894	Malburg 1b	NG SCG	2024	320	2465	7708	144335	67.5	53.9%
include	G0894	Malburg 1b	NG SCG	2025	350	2701	7711	158152	67.5	59.1%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0894	Malburg 1b	NG SCG	2026	353	2721	7713	159343	67.5	59.5%
include	G0330	Mandalay 1	NG SCG	2020	29	313	10917	18319	215.0	1.5%
include	G0330	Mandalay 1	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0330	Mandalay 1	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0330	Mandalay 2	NG SCG	2020	37	402	10814	23564	215.3	2.0%
include	G0330	Mandalay 2	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0330	Mandalay 2	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2020	151	1395	9213	81665	35.4	48.6%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2021	115	1059	9213	62030	35.4	36.9%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2022	116	1070	9213	62662	35.4	37.3%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2023	100	922	9213	53978	35.4	32.2%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2024	91	839	9213	49097	35.4	29.2%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2025	127	1168	9213	68364	35.4	40.7%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2026	129	1187	9213	69525	35.4	41.4%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2020	1546	11682	7558	684009	282.9	62.2%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2021	1369	10347	7556	605817	282.9	55.1%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2022	1284	9704	7556	568167	282.9	51.7%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2023	1475	11147	7556	652672	282.9	59.4%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2024	1251	9447	7553	553094	282.9	50.3%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2025	1735	13112	7559	767701	282.9	69.8%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2026	1750	13226	7559	774368	282.9	70.4%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2020	1518	11474	7558	671797	282.9	61.1%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2021	1361	10285	7555	602170	282.9	54.8%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2022	1263	9539	7556	558517	282.9	50.8%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2023	1477	11156	7556	653180	282.9	59.4%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2024	1231	9296	7553	544304	282.9	49.5%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2025	1759	13299	7559	778640	282.9	70.8%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2026	1723	13028	7559	762792	282.9	69.4%
include	G0358	Midway Sunset A	NG TEOR Cogen	2020	393	2789	7096	163314	48.4	92.5%
include	G0358	Midway Sunset A	NG TEOR Cogen	2021	392	2781	7096	162811	48.4	92.2%
include	G0358	Midway Sunset A	NG TEOR Cogen	2022	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset A	NG TEOR Cogen	2023	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset A	NG TEOR Cogen	2024	393	2789	7096	163293	48.4	92.4%
include	G0358	Midway Sunset A	NG TEOR Cogen	2025	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset A	NG TEOR Cogen	2026	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset B	NG TEOR Cogen	2020	393	2789	7096	163314	48.4	92.5%
include	G0358	Midway Sunset B	NG TEOR Cogen	2021	392	2781	7096	162811	48.4	92.2%
include	G0358	Midway Sunset B	NG TEOR Cogen	2022	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset B	NG TEOR Cogen	2023	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset B	NG TEOR Cogen	2024	393	2789	7096	163293	48.4	92.4%
include	G0358	Midway Sunset B	NG TEOR Cogen	2025	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset B	NG TEOR Cogen	2026	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset C	NG TEOR Cogen	2020	393	2789	7096	163314	48.4	92.5%
include	G0358	Midway Sunset C	NG TEOR Cogen	2021	392	2781	7096	162811	48.4	92.2%

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include	G0358	Midway Sunset C	NG TEOR Cogen	2022	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset C	NG TEOR Cogen	2023	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset C	NG TEOR Cogen	2024	393	2789	7096	163293	48.4	92.4%
include	G0358	Midway Sunset C	NG TEOR Cogen	2025	392	2781	7096	162830	48.4	92.2%
include	G0358	Midway Sunset C	NG TEOR Cogen	2026	392	2781	7096	162830	48.4	92.2%
include	G0001	Moss Landing 6	NG PG&E BB	2020	1024	9457	9231	553693	754.3	15.5%
include	G0001	Moss Landing 6	NG PG&E BB	2021	0	0	0	0	0.0	0.0%
include	G0001	Moss Landing 6	NG PG&E BB	2022	0	0	0	0	0.0	0.0%
include	G0001	Moss Landing 7	NG PG&E BB	2020	768	7140	9295	418076	755.7	11.6%
include	G0001	Moss Landing 7	NG PG&E BB	2021	0	0	0	0	0.0	0.0%
include	G0001	Moss Landing 7	NG PG&E BB	2022	0	0	0	0	0.0	0.0%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2020	66	471	7194	27589	255.0	2.9%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2021	962	6922	7197	405293	216.8	50.5%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2022	934	6719	7197	393403	216.8	49.0%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2023	828	5960	7197	348966	216.8	43.5%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2024	926	6664	7198	390206	216.8	48.6%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2025	1423	10239	7196	599509	216.8	74.7%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2026	1446	10406	7196	609270	216.8	76.0%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2020	54	386	7194	22626	255.0	2.4%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2021	922	6633	7196	388365	216.8	48.4%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2022	966	6952	7197	407061	216.8	50.7%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2023	889	6399	7198	374660	216.8	46.7%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2024	953	6859	7198	401601	216.8	50.0%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2025	1390	10005	7196	585775	216.8	73.0%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2026	1273	9159	7195	536249	216.8	66.9%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2020	102	729	7161	42659	255.0	4.5%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2021	1091	7818	7163	457722	216.8	57.3%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2022	1140	8167	7163	478191	216.8	59.9%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2023	1016	7279	7164	426212	216.8	53.4%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2024	858	6147	7164	359899	216.8	45.1%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2025	1344	9625	7162	563538	216.8	70.6%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2026	1501	10750	7162	629389	216.8	78.8%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2020	96	691	7161	40455	255.0	4.3%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2021	1123	8044	7163	470992	216.8	59.0%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2022	1082	7751	7163	453819	216.8	56.8%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2023	991	7101	7164	415762	216.8	52.1%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2024	1107	7929	7165	464238	216.8	58.1%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2025	1393	9979	7163	584289	216.8	73.2%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2026	1386	9924	7162	581024	216.8	72.8%
include	G0795	Mountainview CC 3a	NG SCG	2020	1068	7621	7135	446182	242.3	50.2%
include	G0795	Mountainview CC 3a	NG SCG	2021	1090	7786	7140	455898	242.3	51.2%
include	G0795	Mountainview CC 3a	NG SCG	2022	963	6874	7142	402488	242.3	45.2%
include	G0795	Mountainview CC 3a	NG SCG	2023	862	6153	7136	360266	242.3	40.5%
include	G0795	Mountainview CC 3a	NG SCG	2024	710	5071	7142	296927	242.3	33.4%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0795	Mountainview CC 3a	NG SCG	2025	1137	8111	7135	474872	242.3	53.4%
include	G0795	Mountainview CC 3a	NG SCG	2026	1117	7971	7135	466701	242.3	52.5%
include	G0795	Mountainview CC 3b	NG SCG	2020	1087	7753	7136	453945	242.3	51.1%
include	G0795	Mountainview CC 3b	NG SCG	2021	1084	7739	7141	453133	242.3	50.9%
include	G0795	Mountainview CC 3b	NG SCG	2022	900	6427	7143	376319	242.3	42.3%
include	G0795	Mountainview CC 3b	NG SCG	2023	882	6298	7137	368748	242.3	41.5%
include	G0795	Mountainview CC 3b	NG SCG	2024	738	5272	7143	308691	242.3	34.7%
include	G0795	Mountainview CC 3b	NG SCG	2025	1112	7936	7135	464679	242.3	52.3%
include	G0795	Mountainview CC 3b	NG SCG	2026	1121	7995	7135	468121	242.3	52.7%
include	G0795	Mountainview CC 4a	NG SCG	2020	699	4984	7132	291809	242.3	32.8%
include	G0795	Mountainview CC 4a	NG SCG	2021	585	4176	7137	244492	242.3	27.5%
include	G0795	Mountainview CC 4a	NG SCG	2022	556	3972	7142	232558	242.3	26.1%
include	G0795	Mountainview CC 4a	NG SCG	2023	426	3041	7139	178039	242.3	20.0%
include	G0795	Mountainview CC 4a	NG SCG	2024	364	2599	7142	152201	242.3	17.1%
include	G0795	Mountainview CC 4a	NG SCG	2025	927	6613	7134	387183	242.3	43.6%
include	G0795	Mountainview CC 4a	NG SCG	2026	699	4983	7131	291766	242.3	32.8%
include	G0795	Mountainview CC 4b	NG SCG	2020	695	4960	7133	290412	242.3	32.7%
include	G0795	Mountainview CC 4b	NG SCG	2021	551	3931	7137	230140	242.3	25.9%
include	G0795	Mountainview CC 4b	NG SCG	2022	601	4289	7141	251124	242.3	28.2%
include	G0795	Mountainview CC 4b	NG SCG	2023	453	3236	7140	189483	242.3	21.3%
include	G0795	Mountainview CC 4b	NG SCG	2024	388	2774	7142	162431	242.3	18.3%
include	G0795	Mountainview CC 4b	NG SCG	2025	889	6343	7133	371363	242.3	41.8%
include	G0795	Mountainview CC 4b	NG SCG	2026	734	5234	7133	306445	242.3	34.5%
include	G0626	NavalStationCG 1	NG SDG&E	2020	315	1546	4914	90519	51.3	69.8%
include	G0626	NavalStationCG 1	NG SDG&E	2021	313	1539	4912	90109	51.3	69.5%
include	G0626	NavalStationCG 1	NG SDG&E	2022	313	1539	4914	90082	51.3	69.5%
include	G0626	NavalStationCG 1	NG SDG&E	2023	313	1537	4913	90010	51.3	69.4%
include	G0626	NavalStationCG 1	NG SDG&E	2024	315	1545	4912	90461	51.3	69.8%
include	G0626	NavalStationCG 1	NG SDG&E	2025	314	1544	4913	90429	51.3	69.8%
include	G0626	NavalStationCG 1	NG SDG&E	2026	313	1538	4911	90060	51.3	69.5%
include	G0399	North Island EF CC	NG SDG&E	2020	252	2356	9334	137972	37.0	77.7%
include	G0399	North Island EF CC	NG SDG&E	2021	251	2340	9334	137019	37.0	77.1%
include	G0399	North Island EF CC	NG SDG&E	2022	251	2339	9335	136954	37.0	77.1%
include	G0399	North Island EF CC	NG SDG&E	2023	249	2325	9336	136122	37.0	76.6%
include	G0399	North Island EF CC	NG SDG&E	2024	248	2319	9336	135755	37.0	76.4%
include	G0399	North Island EF CC	NG SDG&E	2025	247	2310	9336	135268	37.0	76.1%
include	G0399	North Island EF CC	NG SDG&E	2026	249	2321	9336	135922	37.0	76.5%
include	G0399	North Island EF CC ST	NG SDG&E	2020	31	0	0	0	4.1	88.1%
include	G0399	North Island EF CC ST	NG SDG&E	2021	31	0	0	0	4.1	87.8%
include	G0399	North Island EF CC ST	NG SDG&E	2022	31	0	0	0	4.1	87.8%
include	G0399	North Island EF CC ST	NG SDG&E	2023	31	0	0	0	4.1	87.9%
include	G0399	North Island EF CC ST	NG SDG&E	2024	31	0	0	0	4.1	87.8%
include	G0399	North Island EF CC ST	NG SDG&E	2025	31	0	0	0	4.1	87.4%
include	G0399	North Island EF CC ST	NG SDG&E	2026	31	0	0	0	4.1	87.8%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0403	O L S Camarillo 1	NG SCG	2020	197	1022	5180	59851	27.3	82.4%
include	G0403	O L S Camarillo 1	NG SCG	2021	197	1019	5180	59681	27.3	82.1%
include	G0403	O L S Camarillo 1	NG SCG	2022	197	1019	5180	59681	27.3	82.1%
include	G0403	O L S Camarillo 1	NG SCG	2023	197	1019	5180	59681	27.3	82.1%
include	G0403	O L S Camarillo 1	NG SCG	2024	197	1022	5180	59851	27.3	82.4%
include	G0403	O L S Camarillo 1	NG SCG	2025	197	1019	5180	59677	27.3	82.1%
include	G0403	O L S Camarillo 1	NG SCG	2026	197	1019	5180	59681	27.3	82.1%
include	G0404	O L S Chino 1	NG SCG	2020	216	1150	5335	67351	25.9	94.7%
include	G0404	O L S Chino 1	NG SCG	2021	215	1148	5335	67187	25.9	94.5%
include	G0404	O L S Chino 1	NG SCG	2022	215	1147	5335	67156	25.9	94.4%
include	G0404	O L S Chino 1	NG SCG	2023	215	1146	5335	67096	25.9	94.3%
include	G0404	O L S Chino 1	NG SCG	2024	216	1150	5335	67361	25.9	94.7%
include	G0404	O L S Chino 1	NG SCG	2025	215	1147	5335	67170	25.9	94.4%
include	G0404	O L S Chino 1	NG SCG	2026	215	1147	5335	67181	25.9	94.5%
include	G0409	Oildale Energy 1	NG PG&E LT	2020	280	1655	5920	96889	39.3	81.0%
include	G0409	Oildale Energy 1	NG PG&E LT	2021	278	1648	5920	96515	39.3	80.7%
include	G0409	Oildale Energy 1	NG PG&E LT	2022	278	1648	5920	96508	39.3	80.7%
include	G0409	Oildale Energy 1	NG PG&E LT	2023	279	1651	5920	96672	39.3	80.8%
include	G0409	Oildale Energy 1	NG PG&E LT	2024	278	1646	5920	96375	39.3	80.6%
include	G0409	Oildale Energy 1	NG PG&E LT	2025	0	0	0	0	0.0	0.0%
include	G0409	Oildale Energy 1	NG PG&E LT	2026	0	0	0	0	0.0	0.0%
include	G0410	Olive 2	NG SCG	2020	0	0	0	0	55.0	0.0%
include	G0410	Olive 2	NG SCG	2021	0	0	0	0	55.0	0.0%
include	G0410	Olive 2	NG SCG	2022	0	0	0	0	55.0	0.0%
include	G0410	Olive 2	NG SCG	2023	0	0	0	0	55.0	0.0%
include	G0410	Olive 2	NG SCG	2024	0	0	0	0	0.0	0.0%
include	G0410	Olive 2	NG SCG	2025	0	0	0	0	0.0	0.0%
include	G0410	Olive 2	NG SCG	2026	0	0	0	0	0.0	0.0%
include	G0421	Ormond Beach 1	NG SCG	2020	0	0	0	0	741.3	0.0%
include	G0421	Ormond Beach 1	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0421	Ormond Beach 1	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0421	Ormond Beach 2	NG SCG	2020	0	0	0	0	775.0	0.0%
include	G0421	Ormond Beach 2	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0421	Ormond Beach 2	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2020	1667	11810	7086	691481	255.0	74.4%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2021	1618	11438	7067	669670	255.0	72.3%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2022	1615	11406	7063	667805	255.0	72.1%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2023	1583	11154	7046	653061	255.0	70.7%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2024	1570	11053	7038	647138	255.0	70.1%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2025	1605	11324	7053	663013	255.0	71.7%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2026	1602	11293	7050	661179	255.0	71.5%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2020	1672	11843	7085	693434	255.0	74.6%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2021	1627	11500	7068	673302	255.0	72.6%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2022	1619	11442	7066	669905	255.0	72.3%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0785	Otay Mesa 1b	NG Otay Mesa	2023	1589	11196	7046	655509	255.0	70.9%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2024	1579	11117	7039	650876	255.0	70.5%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2025	1603	11307	7053	662033	255.0	71.6%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2026	1606	11328	7053	663255	255.0	71.7%
include	G0861	Palomar Escondido 1a	NG SDG&E	2020	847	6021	7107	352548	282.0	34.2%
include	G0861	Palomar Escondido 1a	NG SDG&E	2021	690	4896	7101	286690	282.0	27.8%
include	G0861	Palomar Escondido 1a	NG SDG&E	2022	777	5520	7102	323192	282.0	31.4%
include	G0861	Palomar Escondido 1a	NG SDG&E	2023	458	3256	7103	190630	282.0	18.5%
include	G0861	Palomar Escondido 1a	NG SDG&E	2024	335	2381	7103	139418	282.0	13.5%
include	G0861	Palomar Escondido 1a	NG SDG&E	2025	831	5902	7105	345581	282.0	33.5%
include	G0861	Palomar Escondido 1a	NG SDG&E	2026	862	6126	7107	358672	282.0	34.8%
include	G0861	Palomar Escondido 1b	NG SDG&E	2020	884	6283	7105	367843	282.0	35.7%
include	G0861	Palomar Escondido 1b	NG SDG&E	2021	662	4701	7102	275256	282.0	26.7%
include	G0861	Palomar Escondido 1b	NG SDG&E	2022	658	4673	7100	273594	282.0	26.6%
include	G0861	Palomar Escondido 1b	NG SDG&E	2023	466	3304	7092	193476	282.0	18.8%
include	G0861	Palomar Escondido 1b	NG SDG&E	2024	364	2585	7095	151332	282.0	14.7%
include	G0861	Palomar Escondido 1b	NG SDG&E	2025	724	5146	7111	301326	282.0	29.2%
include	G0861	Palomar Escondido 1b	NG SDG&E	2026	765	5444	7113	318773	282.0	30.9%
include	G0797	Pastoria CC 1a	NG Kern River	2020	2007	14231	7092	833198	260.0	87.9%
include	G0797	Pastoria CC 1a	NG Kern River	2021	1996	14158	7092	828926	260.0	87.4%
include	G0797	Pastoria CC 1a	NG Kern River	2022	2006	14225	7093	832893	260.0	87.8%
include	G0797	Pastoria CC 1a	NG Kern River	2023	1993	14138	7094	827777	260.0	87.3%
include	G0797	Pastoria CC 1a	NG Kern River	2024	2013	14284	7095	836316	260.0	88.1%
include	G0797	Pastoria CC 1a	NG Kern River	2025	1999	14178	7094	830140	260.0	87.5%
include	G0797	Pastoria CC 1a	NG Kern River	2026	1994	14140	7092	827889	260.0	87.3%
include	G0797	Pastoria CC 1b	NG Kern River	2020	2030	14389	7086	842449	260.0	88.9%
include	G0797	Pastoria CC 1b	NG Kern River	2021	2006	14210	7085	831981	260.0	87.8%
include	G0797	Pastoria CC 1b	NG Kern River	2022	2011	14252	7087	834465	260.0	88.1%
include	G0797	Pastoria CC 1b	NG Kern River	2023	2018	14304	7087	837471	260.0	88.4%
include	G0797	Pastoria CC 1b	NG Kern River	2024	2019	14309	7088	837771	260.0	88.4%
include	G0797	Pastoria CC 1b	NG Kern River	2025	2022	14333	7088	839204	260.0	88.5%
include	G0797	Pastoria CC 1b	NG Kern River	2026	2017	14295	7087	836959	260.0	88.3%
include	G0797	Pastoria CC 1c	NG Kern River	2020	2010	14247	7087	834145	260.0	88.0%
include	G0797	Pastoria CC 1c	NG Kern River	2021	2024	14349	7088	840130	260.0	88.6%
include	G0797	Pastoria CC 1c	NG Kern River	2022	2018	14303	7087	837467	260.0	88.4%
include	G0797	Pastoria CC 1c	NG Kern River	2023	2016	14285	7087	836413	260.0	88.3%
include	G0797	Pastoria CC 1c	NG Kern River	2024	2010	14248	7089	834204	260.0	88.0%
include	G0797	Pastoria CC 1c	NG Kern River	2025	2017	14296	7087	837054	260.0	88.3%
include	G0797	Pastoria CC 1c	NG Kern River	2026	2024	14342	7087	839725	260.0	88.6%
include	G0487	Redding CC 1	NG PG&E BB	2020	546	3901	7151	228421	70.0	88.7%
include	G0487	Redding CC 1	NG PG&E BB	2021	545	3895	7150	228044	70.0	88.6%
include	G0487	Redding CC 1	NG PG&E BB	2022	543	3884	7150	227393	70.0	88.3%
include	G0487	Redding CC 1	NG PG&E BB	2023	540	3865	7150	226268	70.0	87.9%
include	G0487	Redding CC 1	NG PG&E BB	2024	540	3858	7149	225909	70.0	87.8%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0487	Redding CC 1	NG PG&E BB	2025	543	3881	7151	227257	70.0	88.3%
include	G0487	Redding CC 1	NG PG&E BB	2026	544	3888	7151	227621	70.0	88.4%
include	G0490	Redondo Beach 5	NG SCG	2020	0	0	0	0	178.9	0.0%
include	G0490	Redondo Beach 5	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0490	Redondo Beach 5	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0490	Redondo Beach 6	NG SCG	2020	0	0	0	0	175.0	0.0%
include	G0490	Redondo Beach 6	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0490	Redondo Beach 6	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0490	Redondo Beach 7	NG SCG	2020	0	0	0	0	480.0	0.0%
include	G0490	Redondo Beach 7	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0490	Redondo Beach 7	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0490	Redondo Beach 8	NG SCG	2020	6	72	11739	4188	480.0	0.1%
include	G0490	Redondo Beach 8	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0490	Redondo Beach 8	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0213	Roseville Energy 1a	NG PG&E LT	2020	597	4582	7679	268264	87.5	77.6%
include	G0213	Roseville Energy 1a	NG PG&E LT	2021	626	4807	7679	281429	87.5	81.4%
include	G0213	Roseville Energy 1a	NG PG&E LT	2022	589	4520	7679	264624	87.5	76.6%
include	G0213	Roseville Energy 1a	NG PG&E LT	2023	585	4491	7679	262971	87.5	76.1%
include	G0213	Roseville Energy 1a	NG PG&E LT	2024	524	4026	7679	235734	87.5	68.2%
include	G0213	Roseville Energy 1a	NG PG&E LT	2025	612	4700	7679	275199	87.5	79.6%
include	G0213	Roseville Energy 1a	NG PG&E LT	2026	602	4619	7679	270461	87.5	78.3%
include	G0213	Roseville Energy 1b	NG PG&E LT	2020	598	4592	7679	268890	87.5	77.8%
include	G0213	Roseville Energy 1b	NG PG&E LT	2021	618	4743	7679	277675	87.5	80.4%
include	G0213	Roseville Energy 1b	NG PG&E LT	2022	589	4524	7679	264886	87.5	76.7%
include	G0213	Roseville Energy 1b	NG PG&E LT	2023	581	4458	7679	261042	87.5	75.5%
include	G0213	Roseville Energy 1b	NG PG&E LT	2024	559	4294	7679	251399	87.5	72.7%
include	G0213	Roseville Energy 1b	NG PG&E LT	2025	620	4761	7679	278757	87.5	80.7%
include	G0213	Roseville Energy 1b	NG PG&E LT	2026	607	4665	7679	273110	87.5	79.0%
include	G0935	Russell City 1a	NG PG&E LT	2020	2063	14676	7114	859285	310.0	75.8%
include	G0935	Russell City 1a	NG PG&E LT	2021	2102	14953	7112	875485	310.0	77.2%
include	G0935	Russell City 1a	NG PG&E LT	2022	2018	14357	7113	840582	310.0	74.1%
include	G0935	Russell City 1a	NG PG&E LT	2023	2069	14719	7113	861779	310.0	76.0%
include	G0935	Russell City 1a	NG PG&E LT	2024	2069	14711	7112	861334	310.0	76.0%
include	G0935	Russell City 1a	NG PG&E LT	2025	2240	15940	7116	933274	310.0	82.3%
include	G0935	Russell City 1a	NG PG&E LT	2026	2139	15222	7116	891243	310.0	78.6%
include	G0935	Russell City 1b	NG PG&E LT	2020	2019	14360	7114	840803	310.0	74.1%
include	G0935	Russell City 1b	NG PG&E LT	2021	1979	14075	7113	824073	310.0	72.7%
include	G0935	Russell City 1b	NG PG&E LT	2022	2022	14385	7113	842257	310.0	74.3%
include	G0935	Russell City 1b	NG PG&E LT	2023	1970	14010	7113	820286	310.0	72.3%
include	G0935	Russell City 1b	NG PG&E LT	2024	2034	14463	7112	846794	310.0	74.7%
include	G0935	Russell City 1b	NG PG&E LT	2025	2195	15616	7115	914326	310.0	80.6%
include	G0935	Russell City 1b	NG PG&E LT	2026	2186	15557	7116	910891	310.0	80.3%
include	G0467	SCA Cogen 2 a	NG SMUD	2020	390	2276	5841	133244	66.3	66.9%
include	G0467	SCA Cogen 2 a	NG SMUD	2021	388	2268	5841	132810	66.3	66.7%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0467	SCA Cogen 2 a	NG SMUD	2022	388	2268	5841	132810	66.3	66.7%
include	G0467	SCA Cogen 2 a	NG SMUD	2023	388	2268	5841	132810	66.3	66.7%
include	G0467	SCA Cogen 2 a	NG SMUD	2024	390	2276	5841	133244	66.3	66.9%
include	G0467	SCA Cogen 2 a	NG SMUD	2025	388	2268	5841	132810	66.3	66.7%
include	G0467	SCA Cogen 2 a	NG SMUD	2026	388	2268	5841	132810	66.3	66.7%
include	G0467	SCA Cogen 2 b	NG SMUD	2020	390	1329	3412	77834	68.0	65.2%
include	G0467	SCA Cogen 2 b	NG SMUD	2021	388	1325	3412	77581	68.0	65.0%
include	G0467	SCA Cogen 2 b	NG SMUD	2022	388	1325	3412	77581	68.0	65.0%
include	G0467	SCA Cogen 2 b	NG SMUD	2023	388	1325	3412	77581	68.0	65.0%
include	G0467	SCA Cogen 2 b	NG SMUD	2024	390	1329	3412	77834	68.0	65.2%
include	G0467	SCA Cogen 2 b	NG SMUD	2025	388	1325	3412	77581	68.0	65.0%
include	G0467	SCA Cogen 2 b	NG SMUD	2026	388	1325	3412	77581	68.0	65.0%
include	G0549	Scattergood 1	NG SCG	2020	397	5199	13087	304410	179.0	25.3%
include	G0549	Scattergood 1	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0549	Scattergood 1	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0549	Scattergood 2	NG SCG	2020	401	5320	13263	311493	179.0	25.5%
include	G0549	Scattergood 2	NG SCG	2021	0	0	0	0	0.0	0.0%
include	G0549	Scattergood 2	NG SCG	2022	0	0	0	0	0.0	0.0%
include	G0000	Scattergood CC	NG SCG	2020	765	5391	7047	315633	300.0	29.0%
include	G0000	Scattergood CC	NG SCG	2021	838	5898	7041	345349	300.0	31.8%
include	G0000	Scattergood CC	NG SCG	2022	892	6270	7032	367088	300.0	33.8%
include	G0000	Scattergood CC	NG SCG	2023	733	5159	7035	302031	300.0	27.8%
include	G0000	Scattergood CC	NG SCG	2024	814	5726	7030	335241	300.0	30.9%
include	G0000	Scattergood CC	NG SCG	2025	1176	8260	7024	483604	300.0	44.6%
include	G0000	Scattergood CC	NG SCG	2026	1295	9098	7023	532661	300.0	49.2%
include	G0000	Scattergood CT 1	NG SCG	2020	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 1	NG SCG	2021	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 1	NG SCG	2022	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 1	NG SCG	2023	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 1	NG SCG	2024	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 1	NG SCG	2025	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 1	NG SCG	2026	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2020	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2021	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2022	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2023	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2024	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2025	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2026	1	11	8869	623	100.0	0.1%
include	S0071	SEGS III	Solar/NG SCG	2020	55	110	2002	6429	22.6	27.7%
include	S0071	SEGS III	Solar/NG SCG	2021	55	109	1998	6411	22.6	27.6%
include	S0071	SEGS III	Solar/NG SCG	2022	55	109	1998	6411	22.6	27.6%
include	S0071	SEGS III	Solar/NG SCG	2023	55	109	1998	6411	23.7	26.3%
include	S0071	SEGS III	Solar/NG SCG	2024	55	110	2002	6429	23.7	26.3%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	S0071	SEGS III	Solar/NG SCG	2025	55	109	1998	6411	23.7	26.3%
include	S0071	SEGS III	Solar/NG SCG	2026	55	109	1998	6411	22.6	27.6%
include	S0072	SEGS IV	Solar/NG SCG	2020	55	128	2335	7500	22.6	27.7%
include	S0072	SEGS IV	Solar/NG SCG	2021	55	128	2332	7480	22.6	27.6%
include	S0072	SEGS IV	Solar/NG SCG	2022	55	128	2332	7480	22.6	27.6%
include	S0072	SEGS IV	Solar/NG SCG	2023	55	128	2332	7480	23.7	26.3%
include	S0072	SEGS IV	Solar/NG SCG	2024	55	128	2335	7500	23.7	26.3%
include	S0072	SEGS IV	Solar/NG SCG	2025	55	128	2332	7480	23.7	26.3%
include	S0072	SEGS IV	Solar/NG SCG	2026	55	128	2332	7480	22.6	27.6%
include	S0073	SEGS IX	Solar/NG SCG	2020	148	128	868	7500	60.7	27.7%
include	S0073	SEGS IX	Solar/NG SCG	2021	147	128	867	7480	60.7	27.6%
include	S0073	SEGS IX	Solar/NG SCG	2022	147	128	867	7480	60.7	27.6%
include	S0073	SEGS IX	Solar/NG SCG	2023	147	128	867	7480	63.8	26.3%
include	S0073	SEGS IX	Solar/NG SCG	2024	148	128	868	7500	63.8	26.3%
include	S0073	SEGS IX	Solar/NG SCG	2025	147	128	867	7480	63.8	26.3%
include	S0073	SEGS IX	Solar/NG SCG	2026	147	128	867	7480	60.7	27.6%
include	S0074	SEGS V	Solar/NG SCG	2020	55	110	2002	6429	22.6	27.7%
include	S0074	SEGS V	Solar/NG SCG	2021	55	109	1998	6411	22.6	27.6%
include	S0074	SEGS V	Solar/NG SCG	2022	55	109	1998	6411	22.6	27.6%
include	S0074	SEGS V	Solar/NG SCG	2023	55	109	1998	6411	23.7	26.3%
include	S0074	SEGS V	Solar/NG SCG	2024	55	110	2002	6429	23.7	26.3%
include	S0074	SEGS V	Solar/NG SCG	2025	55	109	1998	6411	23.7	26.3%
include	S0074	SEGS V	Solar/NG SCG	2026	55	109	1998	6411	22.6	27.6%
include	S0075	SEGS VI	Solar/NG SCG	2020	56	128	2282	7500	23.1	27.7%
include	S0075	SEGS VI	Solar/NG SCG	2021	56	128	2278	7480	23.1	27.6%
include	S0075	SEGS VI	Solar/NG SCG	2022	56	128	2278	7480	23.1	27.6%
include	S0075	SEGS VI	Solar/NG SCG	2023	56	128	2278	7480	24.3	26.3%
include	S0075	SEGS VI	Solar/NG SCG	2024	56	128	2282	7500	24.3	26.3%
include	S0075	SEGS VI	Solar/NG SCG	2025	56	128	2278	7480	24.3	26.3%
include	S0075	SEGS VI	Solar/NG SCG	2026	56	128	2278	7480	23.1	27.6%
include	S0076	SEGS VII	Solar/NG SCG	2020	56	110	1956	6429	23.1	27.7%
include	S0076	SEGS VII	Solar/NG SCG	2021	56	109	1953	6411	23.1	27.6%
include	S0076	SEGS VII	Solar/NG SCG	2022	56	109	1953	6411	23.1	27.6%
include	S0076	SEGS VII	Solar/NG SCG	2023	56	109	1953	6411	24.3	26.3%
include	S0076	SEGS VII	Solar/NG SCG	2024	56	110	1956	6429	24.3	26.3%
include	S0076	SEGS VII	Solar/NG SCG	2025	56	109	1953	6411	24.3	26.3%
include	S0076	SEGS VII	Solar/NG SCG	2026	56	109	1953	6411	23.1	27.6%
include	S0077	SEGS VIII	Solar/NG SCG	2020	148	128	868	7500	60.7	27.7%
include	S0077	SEGS VIII	Solar/NG SCG	2021	147	128	867	7480	60.7	27.6%
include	S0077	SEGS VIII	Solar/NG SCG	2022	147	128	867	7480	60.7	27.6%
include	S0077	SEGS VIII	Solar/NG SCG	2023	147	128	867	7480	63.8	26.3%
include	S0077	SEGS VIII	Solar/NG SCG	2024	148	128	868	7500	63.8	26.3%
include	S0077	SEGS VIII	Solar/NG SCG	2025	147	128	867	7480	63.8	26.3%
include	S0077	SEGS VIII	Solar/NG SCG	2026	147	128	867	7480	60.7	27.6%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0076	SPA Campbell CG 1	NG SMUD	2020	752	3203	4260	187510	164.0	52.2%
include	G0076	SPA Campbell CG 1	NG SMUD	2021	752	3203	4260	187510	164.0	52.2%
include	G0076	SPA Campbell CG 1	NG SMUD	2022	748	3186	4260	186528	164.0	51.9%
include	G0076	SPA Campbell CG 1	NG SMUD	2023	752	3203	4260	187510	164.0	52.2%
include	G0076	SPA Campbell CG 1	NG SMUD	2024	752	3203	4260	187510	164.0	52.2%
include	G0076	SPA Campbell CG 1	NG SMUD	2025	752	3203	4260	187510	164.0	52.2%
include	G0076	SPA Campbell CG 1	NG SMUD	2026	752	3203	4260	187510	164.0	52.2%
include	G0784	Sunrise Power CC 1a	NG Kern River	2020	1789	12790	7148	748826	250.5	81.3%
include	G0784	Sunrise Power CC 1a	NG Kern River	2021	1762	12571	7134	736010	250.5	80.1%
include	G0784	Sunrise Power CC 1a	NG Kern River	2022	1798	12825	7133	750876	250.5	81.7%
include	G0784	Sunrise Power CC 1a	NG Kern River	2023	1751	12475	7123	730411	250.5	79.6%
include	G0784	Sunrise Power CC 1a	NG Kern River	2024	1729	12296	7111	719931	250.5	78.6%
include	G0784	Sunrise Power CC 1a	NG Kern River	2025	1822	13003	7137	761327	250.5	82.8%
include	G0784	Sunrise Power CC 1a	NG Kern River	2026	1843	13146	7131	769673	250.5	83.8%
include	G0784	Sunrise Power CC 1b	NG Kern River	2020	1811	12945	7147	757926	250.5	82.3%
include	G0784	Sunrise Power CC 1b	NG Kern River	2021	1785	12729	7133	745272	250.5	81.1%
include	G0784	Sunrise Power CC 1b	NG Kern River	2022	1775	12659	7131	741159	250.5	80.7%
include	G0784	Sunrise Power CC 1b	NG Kern River	2023	1767	12584	7120	736776	250.5	80.3%
include	G0784	Sunrise Power CC 1b	NG Kern River	2024	1781	12662	7111	741341	250.5	80.9%
include	G0784	Sunrise Power CC 1b	NG Kern River	2025	1842	13145	7135	769623	250.5	83.7%
include	G0784	Sunrise Power CC 1b	NG Kern River	2026	1794	12793	7130	749033	250.5	81.5%
include	G0779	Sutter 1a	NG PG&E BB	2020	1832	12768	6971	747590	276.5	75.4%
include	G0779	Sutter 1a	NG PG&E BB	2021	1774	12368	6970	724122	276.5	73.1%
include	G0779	Sutter 1a	NG PG&E BB	2022	1841	12834	6971	751411	276.5	75.8%
include	G0779	Sutter 1a	NG PG&E BB	2023	1804	12578	6971	736418	276.5	74.3%
include	G0779	Sutter 1a	NG PG&E BB	2024	1774	12362	6969	723785	276.5	73.0%
include	G0779	Sutter 1a	NG PG&E BB	2025	1950	13597	6972	796077	276.5	80.3%
include	G0779	Sutter 1a	NG PG&E BB	2026	1909	13310	6972	779327	276.5	78.6%
include	G0779	Sutter 1b	NG PG&E BB	2020	1847	12879	6971	754063	276.5	76.1%
include	G0779	Sutter 1b	NG PG&E BB	2021	1857	12941	6970	757696	276.5	76.4%
include	G0779	Sutter 1b	NG PG&E BB	2022	1853	12913	6970	756031	276.5	76.3%
include	G0779	Sutter 1b	NG PG&E BB	2023	1855	12929	6971	756998	276.5	76.4%
include	G0779	Sutter 1b	NG PG&E BB	2024	1802	12554	6968	735008	276.5	74.2%
include	G0779	Sutter 1b	NG PG&E BB	2025	1912	13328	6972	780373	276.5	78.7%
include	G0779	Sutter 1b	NG PG&E BB	2026	1899	13242	6972	775330	276.5	78.2%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2020	9	73	7832	4300	74.4	1.4%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2021	9	73	7840	4292	74.4	1.4%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2022	9	74	7911	4331	74.4	1.4%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2023	9	73	7839	4291	74.4	1.4%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2024	9	74	7876	4323	74.4	1.4%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2025	9	73	7813	4277	74.4	1.4%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2026	9	73	7835	4289	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2020	9	73	7822	4294	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2021	9	73	7844	4294	74.4	1.4%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2022	9	74	7915	4333	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2023	9	73	7838	4291	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2024	9	74	7878	4325	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2025	9	73	7814	4278	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2026	9	73	7827	4285	74.4	1.4%
include	G0838	Tracy CC	NG PG&E LT	2020	1225	9196	7507	538420	314.0	44.4%
include	G0838	Tracy CC	NG PG&E LT	2021	842	6323	7506	370194	314.0	30.5%
include	G0838	Tracy CC	NG PG&E LT	2022	1103	8288	7511	485252	314.0	40.0%
include	G0838	Tracy CC	NG PG&E LT	2023	721	5416	7507	317086	314.0	26.2%
include	G0838	Tracy CC	NG PG&E LT	2024	850	6387	7514	373931	314.0	30.8%
include	G0838	Tracy CC	NG PG&E LT	2025	1590	11934	7505	698745	314.0	57.7%
include	G0838	Tracy CC	NG PG&E LT	2026	1559	11698	7504	684892	314.0	56.5%
include	G0648	Valley (CA) 1A	NG SCG	2020	0	0	0	0	240.0	0.0%
include	G0648	Valley (CA) 1A	NG SCG	2021	0	0	7292	2	240.0	0.0%
include	G0648	Valley (CA) 1A	NG SCG	2022	26	192	7324	11244	240.0	1.2%
include	G0648	Valley (CA) 1A	NG SCG	2023	2	16	7328	963	240.0	0.1%
include	G0648	Valley (CA) 1A	NG SCG	2024	6	43	7327	2541	240.0	0.3%
include	G0648	Valley (CA) 1A	NG SCG	2025	74	542	7288	31718	240.0	3.5%
include	G0648	Valley (CA) 1A	NG SCG	2026	106	775	7281	45376	240.0	5.0%
include	G0648	Valley (CA) 1B	NG SCG	2020	0	0	0	0	240.0	0.0%
include	G0648	Valley (CA) 1B	NG SCG	2021	6	43	7400	2540	240.0	0.3%
include	G0648	Valley (CA) 1B	NG SCG	2022	36	262	7305	15328	240.0	1.7%
include	G0648	Valley (CA) 1B	NG SCG	2023	13	92	7320	5371	240.0	0.6%
include	G0648	Valley (CA) 1B	NG SCG	2024	3	25	7335	1462	240.0	0.2%
include	G0648	Valley (CA) 1B	NG SCG	2025	150	1089	7274	63732	240.0	7.1%
include	G0648	Valley (CA) 1B	NG SCG	2026	148	1081	7282	63267	240.0	7.0%
include	G0648	Valley (CA) 5	NG SCG	2020	0	0	0	0	60.5	0.0%
include	G0648	Valley (CA) 5	NG SCG	2021	0	0	0	0	60.5	0.0%
include	G0648	Valley (CA) 5	NG SCG	2022	0	0	0	0	60.5	0.0%
include	G0648	Valley (CA) 5	NG SCG	2023	0	0	0	0	60.5	0.0%
include	G0648	Valley (CA) 5	NG SCG	2024	0	0	0	0	60.5	0.0%
include	G0648	Valley (CA) 5	NG SCG	2025	0	0	0	0	60.5	0.0%
include	G0648	Valley (CA) 5	NG SCG	2026	0	0	0	0	60.5	0.0%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2020	606	4802	7923	281178	134.5	51.3%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2021	586	4643	7922	271849	134.5	49.6%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2022	503	3986	7922	233402	134.5	42.6%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2023	408	3235	7922	189387	134.5	34.6%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2024	390	3089	7922	180838	134.5	33.0%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2025	648	5131	7923	300438	134.5	54.8%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2026	684	5418	7923	317239	134.5	57.9%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2020	576	4562	7923	267100	134.5	48.7%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2021	556	4409	7922	258119	134.5	47.1%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2022	517	4094	7922	239677	134.5	43.7%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2023	416	3297	7922	193014	134.5	35.2%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2024	385	3053	7921	178775	134.5	32.6%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2025	654	5178	7923	303201	134.5	55.3%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2026	676	5358	7923	313685	134.5	57.2%
include	G0679	Woodland CC 1	NG PG&E LT	2020	343	2639	7703	154536	63.0	61.9%
include	G0679	Woodland CC 1	NG PG&E LT	2021	342	2633	7700	154145	63.0	61.8%
include	G0679	Woodland CC 1	NG PG&E LT	2022	317	2446	7704	143195	63.0	57.4%
include	G0679	Woodland CC 1	NG PG&E LT	2023	343	2636	7686	154349	63.0	62.0%
include	G0679	Woodland CC 1	NG PG&E LT	2024	294	2261	7679	132357	63.0	53.2%
include	G0679	Woodland CC 1	NG PG&E LT	2025	367	2822	7694	165241	63.0	66.3%
include	G0679	Woodland CC 1	NG PG&E LT	2026	366	2815	7693	164844	63.0	66.1%
include	G0221	Agnews 1	NG PG&E LT	2027	43	393	9213	22994	30.5	15.9%
include	G0040	Badger Creek 1	NG TEOR Cogen	2027	135	1276	9433	74738	47.0	32.8%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2027	174	1597	9156	93524	47.0	42.3%
include	G0787	Blythe ALS	NG Blythe	2027	2029	13983	6890	818722	262.5	88.0%
include	G0787	Blythe BLS	NG Blythe	2027	1896	13062	6890	764774	262.5	82.2%
include	G0084	Carson Cogen Co. 1	NG SCG	2027	17	164	9458	9629	48.0	4.1%
include	G0085	Carson Ice CG CC	NG SMUD	2027	197	1002	5090	58656	57.8	38.8%
include	G0085	Carson Ice CG GT1	NG SMUD	2027	150	994	6647	58200	43.2	39.4%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2027	131	1151	8803	67371	30.6	48.7%
include	G0923	Clearwater Cogen 1	NG SCG	2027	22	150	6777	8801	28.0	9.0%
include	G0934	Colusa Gener 1A	NG PG&E LT	2027	2427	17228	7097	1008713	330.0	83.7%
include	G0934	Colusa Gener 1B	NG PG&E LT	2027	2355	16716	7098	978727	330.0	81.2%
Include	G0149	Corona Cogen 1	NG SCG	2027	127	756	5965	44261	25.7	56.2%
include	G0889	Cosumnes River 1a	NG SMUD	2027	1897	13891	7324	813324	249.1	86.7%
include	G0889	Cosumnes River 1b	NG SMUD	2027	1872	13712	7324	802820	249.1	85.6%
include	G0161	Crockett Cogen 1	NG PG&E LT	2027	1755	9038	5150	529150	247.4	80.8%
include	G0783	Delta Energy 1a	NG PG&E BB	2027	6397	44744	6995	2619735	833.1	87.4%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2027	234	1809	7722	105911	60.5	44.1%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2027	235	1815	7718	106293	60.5	44.3%
include	G0190	El Centro 4	NG SCG	2027	0	0	0	0	73.9	0.0%
include	G0190	El Centro CC 2	NG SCG	2027	1	12	9262	685	115.0	0.1%
include	G0190	El Centro CC 3	NG SCG	2027	62	476	7720	27843	165.0	4.3%
include	G0053	El Segundo 5a	NG SCG	2027	2055	13849	6738	810864	275.0	85.1%
include	G0053	El Segundo 5b	NG SCG	2027	2099	14147	6739	828296	275.0	86.9%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2027	2332	15864	6802	928858	308.5	86.1%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2027	2327	15822	6801	926405	308.5	85.9%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2027	23	137	5922	8032	50.5	5.2%
include	G0950	Gateway Generating 8a	NG PG&E LT	2027	2065	14913	7220	873131	306.0	76.8%
include	G0950	Gateway Generating 8b	NG PG&E LT	2027	2150	15522	7220	908825	306.0	80.0%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2027	61	324	5292	18996	105.0	6.6%
include	G0233	Goal Line Cogen 1	NG SDG&E	2027	229	1197	5224	70091	34.8	75.0%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2027	0	0	0	0	0.0	0.0%
include	G0236	Grayson CC A	NG SCG	2027	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2027	1	11	8847	621	80.0	0.2%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0238	Greenleaf 1	NG PG&E LT	2027	25	230	9120	13447	46.9	6.1%
include	G0239	Greenleaf 2	NG PG&E LT	2027	263	1508	5731	88316	40.0	75.0%
include	G0245	Harbor CC 1	NG SCG	2027	757	4514	5966	264285	122.8	70.1%
include	G0245	Harbor CC 2	NG SCG	2027	769	4629	6016	271007	122.8	71.3%
include	G0246	Harbor CGCC 1	NG SCG	2027	24	228	9464	13349	100.0	2.7%
include	G0249	Haynes 1	NG SCG	2027	2	21	12182	1213	222.0	0.1%
include	G0249	Haynes 2	NG SCG	2027	0	0	0	0	222.0	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2027	128	916	7153	53628	227.5	6.4%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2027	344	2453	7135	143611	248.7	15.7%
include	G0778	High Desert Power 1a	NG Kern River	2027	2013	14827	7367	868098	288.0	79.6%
include	G0778	High Desert Power 1b	NG Kern River	2027	1998	14720	7368	861849	288.0	79.0%
include	G0778	High Desert Power 1c	NG Kern River	2027	1965	14475	7367	847493	288.0	77.7%
include	G0868	Inland Empire Energy 1	NG SCG	2027	2938	19564	6658	1145455	405.0	82.6%
include	G0868	Inland Empire Energy 2	NG SCG	2027	2918	19432	6660	1137744	405.0	82.0%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2027	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2027	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2027	0	0	0	0	0.0	0.0%
include	G0019	King City Cogen 1	NG PG&E LT	2027	475	1761	3705	103085	89.2	60.7%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2027	0	0	0	0	23.1	0.0%
include	G0781	La Paloma 1	NG Kern River	2027	1827	13885	7599	812980	256.2	81.2%
include	G0781	La Paloma 2	NG Kern River	2027	1877	14387	7665	842354	260.2	82.1%
include	G0781	La Paloma 3	NG Kern River	2027	1823	14234	7806	833391	259.8	79.9%
include	G0781	La Paloma 4	NG Kern River	2027	1822	14101	7742	825626	259.8	79.8%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2027	140	1312	9386	76832	41.5	38.3%
include	G1009	Lodi Energy Center	NG PG&E LT	2027	2049	14545	7099	851618	280.0	83.3%
include	G0866	Los Esteros CC	NG PG&E LT	2027	1822	13638	7486	798509	300.0	69.1%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2027	2013	14154	7030	828696	297.0	77.2%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2027	2019	14198	7032	831300	297.0	77.4%
include	G0329	Magnolia Repower 1	NG SCG	2027	632	4421	6994	258831	316.0	22.8%
include	G0894	Malburg 1a	NG SCG	2027	352	2714	7712	158890	67.5	59.4%
include	G0894	Malburg 1b	NG SCG	2027	353	2719	7713	159199	67.5	59.5%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2027	129	1186	9213	69462	35.4	41.4%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2027	1748	13214	7559	773670	282.9	70.3%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2027	1722	13016	7559	762103	282.9	69.3%
include	G0358	Midway Sunset A	NG TEOR Cogen	2027	392	2779	7096	162684	48.4	92.1%
include	G0358	Midway Sunset B	NG TEOR Cogen	2027	392	2779	7096	162684	48.4	92.1%
include	G0358	Midway Sunset C	NG TEOR Cogen	2027	392	2779	7096	162684	48.4	92.1%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2027	1445	10397	7196	608720	255.0	64.5%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2027	1272	9151	7195	535765	255.0	56.8%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2027	1500	10740	7162	628821	255.0	66.9%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2027	1384	9915	7162	580500	255.0	61.8%
include	G0795	Mountainview CC 3a	NG SCG	2027	1116	7964	7135	466280	242.3	52.5%
include	G0795	Mountainview CC 3b	NG SCG	2027	1120	7988	7135	467699	242.3	52.6%
include	G0795	Mountainview CC 4a	NG SCG	2027	698	4979	7131	291503	242.3	32.8%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0795	Mountainview CC 4b	NG SCG	2027	733	5229	7133	306169	242.3	34.5%
include	G0626	NavalStationCG 1	NG SDG&E	2027	313	1537	4911	89978	51.3	69.4%
include	G0399	North Island EF CC	NG SDG&E	2027	248	2319	9336	135799	37.0	76.4%
include	G0399	North Island EF CC ST	NG SDG&E	2027	31	0	0	0	4.1	87.7%
include	G0403	O L S Camarillo 1	NG SCG	2027	197	1018	5180	59627	27.3	82.0%
include	G0404	O L S Chino 1	NG SCG	2027	215	1146	5335	67120	25.9	94.4%
include	G0409	Oildale Energy 1	NG PG&E LT	2027	0	0	0	0	0.0	0.0%
include	G0410	Olive 2	NG SCG	2027	0	0	0	0	0.0	0.0%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2027	1600	11282	7050	660583	255.0	71.4%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2027	1605	11318	7053	662656	255.0	71.6%
include	G0861	Palomar Escondido 1a	NG SDG&E	2027	861	6120	7107	358348	282.0	34.8%
include	G0861	Palomar Escondido 1b	NG SDG&E	2027	765	5440	7113	318485	282.0	30.9%
include	G0797	Pastoria CC 1a	NG Kern River	2027	1992	14127	7092	827142	260.0	87.2%
include	G0797	Pastoria CC 1b	NG Kern River	2027	2015	14282	7087	836204	260.0	88.2%
include	G0797	Pastoria CC 1c	NG Kern River	2027	2022	14329	7087	838967	260.0	88.5%
include	G0487	Redding CC 1	NG PG&E BB	2027	543	3884	7151	227415	70.0	88.3%
include	G0213	Roseville Energy 1a	NG PG&E LT	2027	601	4615	7679	270217	87.5	78.2%
include	G0213	Roseville Energy 1b	NG PG&E LT	2027	607	4660	7679	272863	87.5	79.0%
include	G0935	Russell City 1a	NG PG&E LT	2027	2137	15208	7116	890439	310.0	78.5%
include	G0935	Russell City 1b	NG PG&E LT	2027	2184	15543	7116	910069	310.0	80.2%
include	G0467	SCA Cogen 2 a	NG SMUD	2027	388	2266	5841	132690	66.3	66.6%
include	G0467	SCA Cogen 2 b	NG SMUD	2027	388	1324	3412	77511	68.0	65.0%
include	G0000	Scattergood CC	NG SCG	2027	1294	9089	7023	532180	300.0	49.1%
include	G0000	Scattergood CT 1	NG SCG	2027	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2027	1	11	8869	623	100.0	0.1%
include	S0071	SEGS III	Solar/NG SCG	2027	55	109	2000	6411	22.6	27.6%
include	S0072	SEGS IV	Solar/NG SCG	2027	55	128	2334	7480	22.6	27.6%
include	S0073	SEGS IX	Solar/NG SCG	2027	147	128	867	7480	60.7	27.6%
include	S0074	SEGS V	Solar/NG SCG	2027	55	109	2000	6411	22.6	27.6%
include	S0075	SEGS VI	Solar/NG SCG	2027	56	128	2280	7480	23.1	27.6%
include	S0076	SEGS VII	Solar/NG SCG	2027	56	109	1955	6411	23.1	27.6%
include	S0077	SEGS VIII	Solar/NG SCG	2027	147	128	867	7480	60.7	27.6%
include	G0076	SPA Campbell CG 1	NG SMUD	2027	751	3200	4260	187341	164.0	52.1%
include	G0784	Sunrise Power CC 1a	NG Kern River	2027	1842	13134	7131	768978	250.5	83.7%
include	G0784	Sunrise Power CC 1b	NG Kern River	2027	1793	12782	7130	748358	250.5	81.5%
include	G0779	Sutter 1a	NG PG&E BB	2027	1907	13298	6972	778624	276.5	78.5%
include	G0779	Sutter 1b	NG PG&E BB	2027	1897	13230	6972	774630	276.5	78.1%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2027	9	73	7835	4285	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2027	9	73	7827	4281	74.4	1.4%
include	G0838	Tracy CC	NG PG&E LT	2027	1557	11687	7504	684274	314.0	56.5%
include	G0648	Valley (CA) 1A	NG SCG	2027	106	774	7281	45335	240.0	5.0%
include	G0648	Valley (CA) 1B	NG SCG	2027	148	1080	7282	63210	240.0	7.0%
include	G0648	Valley (CA) 5	NG SCG	2027	0	0	0	0	60.5	0.0%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2027	683	5413	7923	316952	134.5	57.8%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2027	676	5353	7923	313402	134.5	57.2%
include	G0679	Woodland CC 1	NG PG&E LT	2027	366	2813	7693	164695	63.0	66.1%
include	G0221	Agnews 1	NG PG&E LT	2028	43	392	9213	22973	30.5	15.9%
include	G0040	Badger Creek 1	NG TEOR Cogen	2028	135	1275	9433	74671	47.0	32.7%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2028	174	1596	9156	93439	47.0	42.2%
include	G0787	Blythe ALS	NG Blythe	2028	2028	13971	6890	817984	262.5	87.9%
include	G0787	Blythe BLS	NG Blythe	2028	1894	13050	6890	764084	262.5	82.1%
include	G0084	Carson Cogen Co. 1	NG SCG	2028	17	164	9458	9620	48.0	4.1%
include	G0085	Carson Ice CG CC	NG SMUD	2028	197	1001	5090	58603	57.8	38.7%
include	G0085	Carson Ice CG GT1	NG SMUD	2028	149	993	6647	58147	43.2	39.4%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2028	131	1150	8803	67310	30.6	48.6%
include	G0923	Clearwater Cogen 1	NG SCG	2028	22	150	6777	8793	28.0	9.0%
include	G0934	Colusa Gener 1A	NG PG&E LT	2028	2425	17213	7097	1007803	330.0	83.7%
include	G0934	Colusa Gener 1B	NG PG&E LT	2028	2353	16701	7098	977844	330.0	81.2%
Include	G0149	Corona Cogen 1	NG SCG	2028	127	755	5965	44221	25.7	56.2%
include	G0889	Cosumnes River 1a	NG SMUD	2028	1895	13879	7324	812591	249.1	86.6%
include	G0889	Cosumnes River 1b	NG SMUD	2028	1870	13699	7324	802095	249.1	85.5%
include	G0161	Crockett Cogen 1	NG PG&E LT	2028	1753	9029	5150	528673	247.4	80.7%
include	G0783	Delta Energy 1a	NG PG&E BB	2028	6391	44703	6995	2617371	833.1	87.3%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2028	234	1807	7722	105815	60.5	44.0%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2028	235	1814	7718	106198	60.5	44.2%
include	G0190	El Centro 4	NG SCG	2028	0	0	0	0	73.9	0.0%
include	G0190	El Centro CC 2	NG SCG	2028	1	12	9262	685	115.0	0.1%
include	G0190	El Centro CC 3	NG SCG	2028	62	475	7720	27818	165.0	4.2%
include	G0053	El Segundo 5a	NG SCG	2028	2054	13837	6738	810132	275.0	85.0%
include	G0053	El Segundo 5b	NG SCG	2028	2097	14134	6739	827549	275.0	86.8%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2028	2330	15850	6802	928019	308.5	86.0%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2028	2324	15808	6801	925570	308.5	85.8%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2028	23	137	5922	8025	50.5	5.2%
include	G0950	Gateway Generating 8a	NG PG&E LT	2028	2063	14899	7220	872343	306.0	76.8%
include	G0950	Gateway Generating 8b	NG PG&E LT	2028	2148	15508	7220	908005	306.0	79.9%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2028	61	324	5292	18978	105.0	6.6%
include	G0233	Goal Line Cogen 1	NG SDG&E	2028	229	1196	5224	70028	34.8	74.9%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2028	0	0	0	0	0.0	0.0%
include	G0236	Grayson CC A	NG SCG	2028	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2028	1	11	8847	620	80.0	0.2%
include	G0238	Greenleaf 1	NG PG&E LT	2028	25	229	9120	13435	46.9	6.1%
include	G0239	Greenleaf 2	NG PG&E LT	2028	263	1507	5731	88236	40.0	74.9%
include	G0245	Harbor CC 1	NG SCG	2028	756	4510	5966	264047	122.8	70.1%
include	G0245	Harbor CC 2	NG SCG	2028	769	4624	6016	270763	122.8	71.2%
include	G0246	Harbor CGCC 1	NG SCG	2028	24	228	9464	13337	100.0	2.7%
include	G0249	Haynes 1	NG SCG	2028	2	21	12182	1212	222.0	0.1%
include	G0249	Haynes 2	NG SCG	2028	0	0	0	0	222.0	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2028	128	915	7153	53580	227.5	6.4%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0249	Haynes Rpwr 8-10b	NG SCG	2028	343	2451	7135	143481	248.7	15.7%
include	G0778	High Desert Power 1a	NG Kern River	2028	2011	14813	7367	867315	288.0	79.5%
include	G0778	High Desert Power 1b	NG Kern River	2028	1996	14707	7368	861071	288.0	78.9%
include	G0778	High Desert Power 1c	NG Kern River	2028	1963	14462	7367	846728	288.0	77.6%
include	G0868	Inland Empire Energy 1	NG SCG	2028	2936	19546	6658	1144421	405.0	82.5%
include	G0868	Inland Empire Energy 2	NG SCG	2028	2915	19414	6660	1136717	405.0	81.9%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2028	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2028	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2028	0	0	0	0	0.0	0.0%
include	G0019	King City Cogen 1	NG PG&E LT	2028	475	1759	3705	102992	89.2	60.6%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2028	0	0	0	0	23.1	0.0%
include	G0781	La Paloma 1	NG Kern River	2028	1826	13873	7599	812246	256.2	81.1%
include	G0781	La Paloma 2	NG Kern River	2028	1875	14374	7665	841594	260.2	82.0%
include	G0781	La Paloma 3	NG Kern River	2028	1822	14221	7806	832639	259.8	79.8%
include	G0781	La Paloma 4	NG Kern River	2028	1820	14088	7742	824881	259.8	79.7%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2028	140	1311	9386	76763	41.5	38.3%
include	G1009	Lodi Energy Center	NG PG&E LT	2028	2047	14532	7099	850850	280.0	83.2%
include	G0866	Los Esteros CC	NG PG&E LT	2028	1820	13626	7486	797788	300.0	69.1%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2028	2012	14141	7030	827949	297.0	77.1%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2028	2017	14185	7032	830550	297.0	77.3%
include	G0329	Magnolia Repower 1	NG SCG	2028	631	4417	6994	258598	316.0	22.8%
include	G0894	Malburg 1a	NG SCG	2028	352	2711	7712	158746	67.5	59.3%
include	G0894	Malburg 1b	NG SCG	2028	352	2717	7713	159055	67.5	59.4%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2028	129	1185	9213	69400	35.4	41.3%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2028	1746	13202	7559	772972	282.9	70.3%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2028	1720	13005	7559	761416	282.9	69.2%
include	G0358	Midway Sunset A	NG TEOR Cogen	2028	391	2776	7096	162537	48.4	92.0%
include	G0358	Midway Sunset B	NG TEOR Cogen	2028	391	2776	7096	162537	48.4	92.0%
include	G0358	Midway Sunset C	NG TEOR Cogen	2028	391	2776	7096	162537	48.4	92.0%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2028	1444	10387	7196	608171	255.0	64.4%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2028	1271	9142	7195	535282	255.0	56.7%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2028	1498	10730	7162	628254	255.0	66.9%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2028	1383	9906	7162	579976	255.0	61.7%
include	G0795	Mountainview CC 3a	NG SCG	2028	1115	7957	7135	465859	242.3	52.4%
include	G0795	Mountainview CC 3b	NG SCG	2028	1118	7981	7135	467277	242.3	52.6%
include	G0795	Mountainview CC 4a	NG SCG	2028	698	4974	7131	291240	242.3	32.8%
include	G0795	Mountainview CC 4b	NG SCG	2028	732	5224	7133	305893	242.3	34.4%
include	G0626	NavalStationCG 1	NG SDG&E	2028	313	1535	4911	89897	51.3	69.4%
include	G0399	North Island EF CC	NG SDG&E	2028	248	2317	9336	135677	37.0	76.4%
include	G0399	North Island EF CC ST	NG SDG&E	2028	31	0	0	0	4.1	87.6%
include	G0403	O L S Camarillo 1	NG SCG	2028	196	1017	5180	59574	27.3	82.0%
include	G0404	O L S Chino 1	NG SCG	2028	215	1145	5335	67060	25.9	94.3%
include	G0409	Oildale Energy 1	NG PG&E LT	2028	0	0	0	0	0.0	0.0%
include	G0410	Olive 2	NG SCG	2028	0	0	0	0	0.0	0.0%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0785	Otay Mesa 1a	NG Otay Mesa	2028	1599	11272	7050	659987	255.0	71.4%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2028	1603	11308	7053	662059	255.0	71.6%
include	G0861	Palomar Escondido 1a	NG SDG&E	2028	860	6115	7107	358025	282.0	34.7%
include	G0861	Palomar Escondido 1b	NG SDG&E	2028	764	5435	7113	318198	282.0	30.8%
include	G0797	Pastoria CC 1a	NG Kern River	2028	1990	14114	7092	826396	260.0	87.1%
include	G0797	Pastoria CC 1b	NG Kern River	2028	2014	14269	7087	835449	260.0	88.2%
include	G0797	Pastoria CC 1c	NG Kern River	2028	2020	14316	7087	838210	260.0	88.5%
include	G0487	Redding CC 1	NG PG&E BB	2028	543	3881	7151	227210	70.0	88.3%
include	G0213	Roseville Energy 1a	NG PG&E LT	2028	600	4611	7679	269973	87.5	78.1%
include	G0213	Roseville Energy 1b	NG PG&E LT	2028	606	4656	7679	272617	87.5	78.9%
include	G0935	Russell City 1a	NG PG&E LT	2028	2135	15194	7116	889635	310.0	78.4%
include	G0935	Russell City 1b	NG PG&E LT	2028	2182	15529	7116	909248	310.0	80.1%
include	G0467	SCA Cogen 2 a	NG SMUD	2028	388	2264	5841	132571	66.3	66.6%
include	G0467	SCA Cogen 2 b	NG SMUD	2028	388	1323	3412	77441	68.0	64.9%
include	G0000	Scattergood CC	NG SCG	2028	1293	9081	7023	531700	300.0	49.1%
include	G0000	Scattergood CT 1	NG SCG	2028	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2028	1	11	8869	622	100.0	0.1%
include	S0071	SEGS III	Solar/NG SCG	2028	55	110	2008	6429	22.6	27.6%
include	S0072	SEGS IV	Solar/NG SCG	2028	55	128	2342	7500	22.6	27.6%
include	S0073	SEGS IX	Solar/NG SCG	2028	147	128	871	7500	60.7	27.6%
include	S0074	SEGS V	Solar/NG SCG	2028	55	110	2008	6429	22.6	27.6%
include	S0075	SEGS VI	Solar/NG SCG	2028	56	128	2289	7500	23.1	27.6%
include	S0076	SEGS VII	Solar/NG SCG	2028	56	110	1962	6429	23.1	27.6%
include	S0077	SEGS VIII	Solar/NG SCG	2028	147	128	871	7500	60.7	27.6%
include	G0076	SPA Campbell CG 1	NG SMUD	2028	750	3197	4260	187172	164.0	52.1%
include	G0784	Sunrise Power CC 1a	NG Kern River	2028	1840	13122	7131	768285	250.5	83.6%
include	G0784	Sunrise Power CC 1b	NG Kern River	2028	1791	12770	7130	747682	250.5	81.4%
include	G0779	Sutter 1a	NG PG&E BB	2028	1906	13286	6972	777921	276.5	78.5%
include	G0779	Sutter 1b	NG PG&E BB	2028	1896	13218	6972	773932	276.5	78.1%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2028	9	73	7835	4281	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2028	9	73	7827	4277	74.4	1.4%
include	G0838	Tracy CC	NG PG&E LT	2028	1556	11676	7504	683657	314.0	56.4%
include	G0648	Valley (CA) 1A	NG SCG	2028	106	774	7281	45294	240.0	5.0%
include	G0648	Valley (CA) 1B	NG SCG	2028	148	1079	7282	63153	240.0	7.0%
include	G0648	Valley (CA) 5	NG SCG	2028	0	0	0	0	60.5	0.0%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2028	683	5408	7923	316667	134.5	57.8%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2028	675	5348	7923	313119	134.5	57.1%
include	G0679	Woodland CC 1	NG PG&E LT	2028	365	2810	7693	164547	63.0	66.0%
include	G0221	Agnews 1	NG PG&E LT	2029	43	392	9213	22953	30.5	15.9%
include	G0040	Badger Creek 1	NG TEOR Cogen	2029	135	1274	9433	74604	47.0	32.7%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2029	174	1594	9156	93355	47.0	42.2%
include	G0787	Blythe ALS	NG Blythe	2029	2026	13958	6890	817246	262.5	87.9%
include	G0787	Blythe BLS	NG Blythe	2029	1892	13038	6890	763394	262.5	82.1%
include	G0084	Carson Cogen Co. 1	NG SCG	2029	17	164	9458	9611	48.0	4.1%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0085	Carson Ice CG CC	NG SMUD	2029	196	1000	5090	58550	57.8	38.7%
include	G0085	Carson Ice CG GT1	NG SMUD	2029	149	992	6647	58095	43.2	39.3%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2029	130	1149	8803	67250	30.6	48.6%
include	G0923	Clearwater Cogen 1	NG SCG	2029	22	150	6777	8785	28.0	9.0%
include	G0934	Colusa Gener 1A	NG PG&E LT	2029	2423	17197	7097	1006894	330.0	83.6%
include	G0934	Colusa Gener 1B	NG PG&E LT	2029	2351	16686	7098	976962	330.0	81.1%
Include	G0149	Corona Cogen 1	NG SCG	2029	126	755	5965	44181	25.7	56.1%
include	G0889	Cosumnes River 1a	NG SMUD	2029	1893	13866	7324	811858	249.1	86.5%
include	G0889	Cosumnes River 1b	NG SMUD	2029	1869	13687	7324	801372	249.1	85.4%
include	G0161	Crockett Cogen 1	NG PG&E LT	2029	1752	9021	5150	528196	247.4	80.6%
include	G0783	Delta Energy 1a	NG PG&E BB	2029	6385	44663	6995	2615010	833.1	87.3%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2029	234	1806	7722	105720	60.5	44.0%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2029	235	1812	7718	106102	60.5	44.2%
include	G0190	El Centro 4	NG SCG	2029	0	0	0	0	73.9	0.0%
include	G0190	El Centro CC 2	NG SCG	2029	1	12	9262	684	115.0	0.1%
include	G0190	El Centro CC 3	NG SCG	2029	61	475	7720	27793	165.0	4.2%
include	G0053	El Segundo 5a	NG SCG	2029	2052	13824	6738	809401	275.0	84.9%
include	G0053	El Segundo 5b	NG SCG	2029	2095	14121	6739	826803	275.0	86.7%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2029	2328	15836	6802	927182	308.5	85.9%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2029	2322	15794	6801	924735	308.5	85.7%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2029	23	137	5922	8018	50.5	5.2%
include	G0950	Gateway Generating 8a	NG PG&E LT	2029	2062	14886	7220	871556	306.0	76.7%
include	G0950	Gateway Generating 8b	NG PG&E LT	2029	2146	15494	7220	907186	306.0	79.8%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2029	61	324	5292	18961	105.0	6.6%
include	G0233	Goal Line Cogen 1	NG SDG&E	2029	229	1195	5224	69964	34.8	74.8%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2029	0	0	0	0	0.0	0.0%
include	G0236	Grayson CC A	NG SCG	2029	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2029	1	11	8847	620	80.0	0.2%
include	G0238	Greenleaf 1	NG PG&E LT	2029	25	229	9120	13423	46.9	6.1%
include	G0239	Greenleaf 2	NG PG&E LT	2029	263	1506	5731	88157	40.0	74.9%
include	G0245	Harbor CC 1	NG SCG	2029	755	4506	5966	263808	122.8	70.0%
include	G0245	Harbor CC 2	NG SCG	2029	768	4620	6016	270519	122.8	71.2%
include	G0246	Harbor CGCC 1	NG SCG	2029	24	228	9464	13325	100.0	2.7%
include	G0249	Haynes 1	NG SCG	2029	2	21	12182	1211	222.0	0.1%
include	G0249	Haynes 2	NG SCG	2029	0	0	0	0	222.0	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2029	128	914	7153	53532	227.5	6.4%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2029	343	2448	7135	143352	248.7	15.7%
include	G0778	High Desert Power 1a	NG Kern River	2029	2009	14800	7367	866532	288.0	79.4%
include	G0778	High Desert Power 1b	NG Kern River	2029	1994	14693	7368	860295	288.0	78.8%
include	G0778	High Desert Power 1c	NG Kern River	2029	1961	14449	7367	845964	288.0	77.5%
include	G0868	Inland Empire Energy 1	NG SCG	2029	2933	19528	6658	1143389	405.0	82.4%
include	G0868	Inland Empire Energy 2	NG SCG	2029	2912	19397	6660	1135692	405.0	81.9%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2029	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2029	0	0	0	0	0.0	0.0%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0293	Kern River CG TCG	NG TEOR Cogen	2029	0	0	0	0	0.0	0.0%
include	G0019	King City Cogen 1	NG PG&E LT	2029	474	1757	3705	102899	89.2	60.6%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2029	0	0	0	0	23.1	0.0%
include	G0781	La Paloma 1	NG Kern River	2029	1824	13860	7599	811513	256.2	81.0%
include	G0781	La Paloma 2	NG Kern River	2029	1874	14361	7665	840834	260.2	82.0%
include	G0781	La Paloma 3	NG Kern River	2029	1820	14208	7806	831888	259.8	79.8%
include	G0781	La Paloma 4	NG Kern River	2029	1818	14076	7742	824136	259.8	79.7%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2029	140	1310	9386	76694	41.5	38.3%
include	G1009	Lodi Energy Center	NG PG&E LT	2029	2045	14519	7099	850082	280.0	83.2%
include	G0866	Los Esteros CC	NG PG&E LT	2029	1819	13613	7486	797069	300.0	69.0%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2029	2010	14128	7030	827202	297.0	77.0%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2029	2015	14173	7032	829801	297.0	77.3%
include	G0329	Magnolia Repower 1	NG SCG	2029	631	4413	6994	258364	316.0	22.7%
include	G0894	Malburg 1a	NG SCG	2029	351	2709	7712	158603	67.5	59.2%
include	G0894	Malburg 1b	NG SCG	2029	352	2714	7713	158912	67.5	59.3%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2029	129	1184	9213	69337	35.4	41.3%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2029	1745	13190	7559	772274	282.9	70.2%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2029	1719	12993	7559	760729	282.9	69.2%
include	G0358	Midway Sunset A	NG TEOR Cogen	2029	391	2774	7096	162390	48.4	91.9%
include	G0358	Midway Sunset B	NG TEOR Cogen	2029	391	2774	7096	162390	48.4	91.9%
include	G0358	Midway Sunset C	NG TEOR Cogen	2029	391	2774	7096	162390	48.4	91.9%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2029	1442	10378	7196	607622	255.0	64.4%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2029	1270	9134	7195	534799	255.0	56.7%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2029	1497	10721	7162	627687	255.0	66.8%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2029	1382	9897	7162	579453	255.0	61.7%
include	G0795	Mountainview CC 3a	NG SCG	2029	1114	7949	7135	465439	242.3	52.4%
include	G0795	Mountainview CC 3b	NG SCG	2029	1117	7974	7135	466855	242.3	52.5%
include	G0795	Mountainview CC 4a	NG SCG	2029	697	4970	7131	290977	242.3	32.8%
include	G0795	Mountainview CC 4b	NG SCG	2029	732	5220	7133	305617	242.3	34.4%
include	G0626	NavalStationCG 1	NG SDG&E	2029	312	1534	4911	89816	51.3	69.3%
include	G0399	North Island EF CC	NG SDG&E	2029	248	2315	9336	135554	37.0	76.3%
include	G0399	North Island EF CC ST	NG SDG&E	2029	31	0	0	0	4.1	87.6%
include	G0403	O L S Camarillo 1	NG SCG	2029	196	1017	5180	59520	27.3	81.9%
include	G0404	O L S Chino 1	NG SCG	2029	214	1144	5335	66999	25.9	94.2%
include	G0409	Oildale Energy 1	NG PG&E LT	2029	0	0	0	0	0.0	0.0%
include	G0410	Olive 2	NG SCG	2029	0	0	0	0	0.0	0.0%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2029	1597	11262	7050	659391	255.0	71.3%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2029	1602	11297	7053	661461	255.0	71.5%
include	G0861	Palomar Escondido 1a	NG SDG&E	2029	860	6109	7107	357702	282.0	34.7%
include	G0861	Palomar Escondido 1b	NG SDG&E	2029	763	5430	7113	317911	282.0	30.8%
include	G0797	Pastoria CC 1a	NG Kern River	2029	1988	14102	7092	825650	260.0	87.1%
include	G0797	Pastoria CC 1b	NG Kern River	2029	2012	14256	7087	834696	260.0	88.1%
include	G0797	Pastoria CC 1c	NG Kern River	2029	2018	14303	7087	837454	260.0	88.4%
include	G0487	Redding CC 1	NG PG&E BB	2029	542	3877	7151	227005	70.0	88.2%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0213	Roseville Energy 1a	NG PG&E LT	2029	600	4607	7679	269730	87.5	78.1%
include	G0213	Roseville Energy 1b	NG PG&E LT	2029	606	4652	7679	272371	87.5	78.8%
include	G0935	Russell City 1a	NG PG&E LT	2029	2133	15181	7116	888833	310.0	78.3%
include	G0935	Russell City 1b	NG PG&E LT	2029	2180	15515	7116	908427	310.0	80.1%
include	G0467	SCA Cogen 2 a	NG SMUD	2029	387	2262	5841	132451	66.3	66.5%
include	G0467	SCA Cogen 2 b	NG SMUD	2029	387	1321	3412	77371	68.0	64.8%
include	G0000	Scattergood CC	NG SCG	2029	1292	9073	7023	531220	300.0	49.0%
include	G0000	Scattergood CT 1	NG SCG	2029	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2029	1	11	8869	621	100.0	0.1%
include	S0071	SEGS III	Solar/NG SCG	2029	55	109	2004	6411	22.6	27.5%
include	S0072	SEGS IV	Solar/NG SCG	2029	55	128	2338	7480	22.6	27.5%
include	S0073	SEGS IX	Solar/NG SCG	2029	147	128	869	7480	60.7	27.5%
include	S0074	SEGS V	Solar/NG SCG	2029	55	109	2004	6411	22.6	27.5%
include	S0075	SEGS VI	Solar/NG SCG	2029	56	128	2284	7480	23.1	27.5%
include	S0076	SEGS VII	Solar/NG SCG	2029	56	109	1958	6411	23.1	27.5%
include	S0077	SEGS VIII	Solar/NG SCG	2029	147	128	869	7480	60.7	27.5%
include	G0076	SPA Campbell CG 1	NG SMUD	2029	750	3194	4260	187003	164.0	52.0%
include	G0784	Sunrise Power CC 1a	NG Kern River	2029	1838	13110	7131	767591	250.5	83.5%
include	G0784	Sunrise Power CC 1b	NG Kern River	2029	1789	12758	7130	747008	250.5	81.3%
include	G0779	Sutter 1a	NG PG&E BB	2029	1904	13274	6972	777219	276.5	78.4%
include	G0779	Sutter 1b	NG PG&E BB	2029	1894	13206	6972	773233	276.5	78.0%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2029	9	73	7835	4277	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2029	9	73	7827	4273	74.4	1.4%
include	G0838	Tracy CC	NG PG&E LT	2029	1555	11666	7504	683040	314.0	56.4%
include	G0648	Valley (CA) 1A	NG SCG	2029	106	773	7281	45253	240.0	5.0%
include	G0648	Valley (CA) 1B	NG SCG	2029	148	1078	7282	63096	240.0	7.0%
include	G0648	Valley (CA) 5	NG SCG	2029	0	0	0	0	60.5	0.0%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2029	682	5404	7923	316381	134.5	57.7%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2029	674	5343	7923	312837	134.5	57.1%
include	G0679	Woodland CC 1	NG PG&E LT	2029	365	2808	7693	164398	63.0	66.0%
include	G0221	Agnews 1	NG PG&E LT	2030	43	392	9213	22932	30.5	15.9%
include	G0040	Badger Creek 1	NG TEOR Cogen	2030	135	1273	9433	74536	47.0	32.7%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2030	174	1593	9156	93271	47.0	42.1%
include	G0787	Blythe ALS	NG Blythe	2030	2024	13945	6890	816508	262.5	87.8%
include	G0787	Blythe BLS	NG Blythe	2030	1891	13027	6890	762706	262.5	82.0%
include	G0084	Carson Cogen Co. 1	NG SCG	2030	17	164	9458	9603	48.0	4.1%
include	G0085	Carson Ice CG CC	NG SMUD	2030	196	999	5090	58498	57.8	38.7%
include	G0085	Carson Ice CG GT1	NG SMUD	2030	149	991	6647	58042	43.2	39.3%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2030	130	1148	8803	67189	30.6	48.5%
include	G0923	Clearwater Cogen 1	NG SCG	2030	22	150	6777	8777	28.0	9.0%
include	G0934	Colusa Gener 1A	NG PG&E LT	2030	2421	17182	7097	1005985	330.0	83.5%
include	G0934	Colusa Gener 1B	NG PG&E LT	2030	2349	16671	7098	976081	330.0	81.0%
Include	G0149	Corona Cogen 1	NG SCG	2030	126	754	5965	44141	25.7	56.0%
include	G0889	Cosumnes River 1a	NG SMUD	2030	1892	13854	7324	811125	249.1	86.4%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0889	Cosumnes River 1b	NG SMUD	2030	1867	13675	7324	800649	249.1	85.3%
include	G0161	Crockett Cogen 1	NG PG&E LT	2030	1750	9013	5150	527719	247.4	80.5%
include	G0783	Delta Energy 1a	NG PG&E BB	2030	6380	44623	6995	2612651	833.1	87.2%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2030	234	1804	7722	105624	60.5	44.0%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2030	235	1811	7718	106006	60.5	44.1%
include	G0190	El Centro 4	NG SCG	2030	0	0	0	0	73.9	0.0%
include	G0190	El Centro CC 2	NG SCG	2030	1	12	9262	684	115.0	0.1%
include	G0190	El Centro CC 3	NG SCG	2030	61	474	7720	27768	165.0	4.2%
include	G0053	El Segundo 5a	NG SCG	2030	2050	13812	6738	808671	275.0	84.9%
include	G0053	El Segundo 5b	NG SCG	2030	2093	14109	6739	826057	275.0	86.7%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2030	2326	15821	6802	926346	308.5	85.8%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2030	2320	15780	6801	923900	308.5	85.6%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2030	23	137	5922	8010	50.5	5.2%
include	G0950	Gateway Generating 8a	NG PG&E LT	2030	2060	14872	7220	870769	306.0	76.6%
include	G0950	Gateway Generating 8b	NG PG&E LT	2030	2144	15480	7220	906367	306.0	79.8%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2030	61	324	5292	18944	105.0	6.6%
include	G0233	Goal Line Cogen 1	NG SDG&E	2030	229	1194	5224	69901	34.8	74.8%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2030	0	0	0	0	0.0	0.0%
include	G0236	Grayson CC A	NG SCG	2030	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2030	1	11	8847	619	80.0	0.2%
include	G0238	Greenleaf 1	NG PG&E LT	2030	25	229	9120	13411	46.9	6.1%
include	G0239	Greenleaf 2	NG PG&E LT	2030	262	1504	5731	88077	40.0	74.8%
include	G0245	Harbor CC 1	NG SCG	2030	755	4502	5966	263570	122.8	69.9%
include	G0245	Harbor CC 2	NG SCG	2030	767	4616	6016	270275	122.8	71.1%
include	G0246	Harbor CGCC 1	NG SCG	2030	24	227	9464	13313	100.0	2.7%
include	G0249	Haynes 1	NG SCG	2030	2	21	12182	1209	222.0	0.1%
include	G0249	Haynes 2	NG SCG	2030	0	0	0	0	222.0	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2030	128	913	7153	53483	227.5	6.4%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2030	343	2446	7135	143222	248.7	15.7%
include	G0778	High Desert Power 1a	NG Kern River	2030	2007	14787	7367	865751	288.0	79.3%
include	G0778	High Desert Power 1b	NG Kern River	2030	1993	14680	7368	859518	288.0	78.8%
include	G0778	High Desert Power 1c	NG Kern River	2030	1959	14436	7367	845201	288.0	77.5%
include	G0868	Inland Empire Energy 1	NG SCG	2030	2930	19511	6658	1142357	405.0	82.4%
include	G0868	Inland Empire Energy 2	NG SCG	2030	2910	19379	6660	1134667	405.0	81.8%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2030	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2030	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2030	0	0	0	0	0.0	0.0%
include	G0019	King City Cogen 1	NG PG&E LT	2030	474	1756	3705	102806	89.2	60.5%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2030	0	0	0	0	23.1	0.0%
include	G0781	La Paloma 1	NG Kern River	2030	1822	13848	7599	810781	256.2	81.0%
include	G0781	La Paloma 2	NG Kern River	2030	1872	14348	7665	840076	260.2	81.9%
include	G0781	La Paloma 3	NG Kern River	2030	1818	14195	7806	831137	259.8	79.7%
include	G0781	La Paloma 4	NG Kern River	2030	1817	14063	7742	823393	259.8	79.6%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2030	139	1309	9386	76625	41.5	38.2%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G1009	Lodi Energy Center	NG PG&E LT	2030	2043	14506	7099	849315	280.0	83.1%
include	G0866	Los Esteros CC	NG PG&E LT	2030	1817	13601	7486	796350	300.0	69.0%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2030	2008	14115	7030	826455	297.0	77.0%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2030	2014	14160	7032	829052	297.0	77.2%
include	G0329	Magnolia Repower 1	NG SCG	2030	630	4409	6994	258131	316.0	22.7%
include	G0894	Malburg 1a	NG SCG	2030	351	2706	7712	158460	67.5	59.2%
include	G0894	Malburg 1b	NG SCG	2030	352	2712	7713	158769	67.5	59.3%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2030	128	1183	9213	69275	35.4	41.3%
include	G0794	Metcalf Energy 1a	NG PG&E BB	2030	1743	13178	7559	771577	282.9	70.2%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2030	1717	12981	7559	760042	282.9	69.1%
include	G0358	Midway Sunset A	NG TEOR Cogen	2030	391	2771	7096	162244	48.4	91.9%
include	G0358	Midway Sunset B	NG TEOR Cogen	2030	391	2771	7096	162244	48.4	91.9%
include	G0358	Midway Sunset C	NG TEOR Cogen	2030	391	2771	7096	162244	48.4	91.9%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2030	1441	10368	7196	607074	255.0	64.3%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2030	1268	9126	7195	534317	255.0	56.6%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2030	1495	10711	7162	627121	255.0	66.8%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2030	1381	9888	7162	578930	255.0	61.6%
include	G0795	Mountainview CC 3a	NG SCG	2030	1113	7942	7135	465019	242.3	52.3%
include	G0795	Mountainview CC 3b	NG SCG	2030	1116	7966	7135	466434	242.3	52.5%
include	G0795	Mountainview CC 4a	NG SCG	2030	696	4965	7131	290714	242.3	32.7%
include	G0795	Mountainview CC 4b	NG SCG	2030	731	5215	7133	305341	242.3	34.4%
include	G0626	NavalStationCG 1	NG SDG&E	2030	312	1533	4911	89735	51.3	69.3%
include	G0399	North Island EF CC	NG SDG&E	2030	248	2313	9336	135432	37.0	76.2%
include	G0399	North Island EF CC ST	NG SDG&E	2030	31	0	0	0	4.1	87.5%
include	G0403	O L S Camarillo 1	NG SCG	2030	196	1016	5180	59466	27.3	81.8%
include	G0404	O L S Chino 1	NG SCG	2030	214	1143	5335	66939	25.9	94.1%
include	G0409	Oildale Energy 1	NG PG&E LT	2030	0	0	0	0	0.0	0.0%
include	G0410	Olive 2	NG SCG	2030	0	0	0	0	0.0	0.0%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2030	1596	11252	7050	658796	255.0	71.3%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2030	1600	11287	7053	660864	255.0	71.4%
include	G0861	Palomar Escondido 1a	NG SDG&E	2030	859	6104	7107	357379	282.0	34.7%
include	G0861	Palomar Escondido 1b	NG SDG&E	2030	763	5425	7113	317624	282.0	30.8%
include	G0797	Pastoria CC 1a	NG Kern River	2030	1987	14089	7092	824905	260.0	87.0%
include	G0797	Pastoria CC 1b	NG Kern River	2030	2010	14243	7087	833943	260.0	88.0%
include	G0797	Pastoria CC 1c	NG Kern River	2030	2016	14290	7087	836698	260.0	88.3%
include	G0487	Redding CC 1	NG PG&E BB	2030	542	3874	7151	226800	70.0	88.1%
include	G0213	Roseville Energy 1a	NG PG&E LT	2030	599	4603	7679	269487	87.5	78.0%
include	G0213	Roseville Energy 1b	NG PG&E LT	2030	605	4648	7679	272126	87.5	78.7%
include	G0935	Russell City 1a	NG PG&E LT	2030	2131	15167	7116	888031	310.0	78.3%
include	G0935	Russell City 1b	NG PG&E LT	2030	2178	15501	7116	907608	310.0	80.0%
include	G0467	SCA Cogen 2 a	NG SMUD	2030	387	2260	5841	132332	66.3	66.4%
include	G0467	SCA Cogen 2 b	NG SMUD	2030	387	1320	3412	77301	68.0	64.8%
include	G0000	Scattergood CC	NG SCG	2030	1291	9065	7023	530741	300.0	49.0%
include	G0000	Scattergood CT 1	NG SCG	2030	0	0	0	0	100.0	0.0%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0000	Scattergood CT 2	NG SCG	2030	1	11	8869	621	100.0	0.1%
include	S0071	SEGS III	Solar/NG SCG	2030	55	109	2006	6411	22.6	27.5%
include	S0072	SEGS IV	Solar/NG SCG	2030	55	128	2340	7480	22.6	27.5%
include	S0073	SEGS IX	Solar/NG SCG	2030	147	128	870	7480	60.7	27.5%
include	S0074	SEGS V	Solar/NG SCG	2030	55	109	2006	6411	22.6	27.5%
include	S0075	SEGS VI	Solar/NG SCG	2030	56	128	2286	7480	23.1	27.5%
include	S0076	SEGS VII	Solar/NG SCG	2030	56	109	1960	6411	23.1	27.5%
include	S0077	SEGS VIII	Solar/NG SCG	2030	147	128	870	7480	60.7	27.5%
include	G0076	SPA Campbell CG 1	NG SMUD	2030	749	3191	4260	186834	164.0	52.0%
include	G0784	Sunrise Power CC 1a	NG Kern River	2030	1837	13098	7131	766899	250.5	83.5%
include	G0784	Sunrise Power CC 1b	NG Kern River	2030	1788	12747	7130	746334	250.5	81.2%
include	G0779	Sutter 1a	NG PG&E BB	2030	1902	13262	6972	776518	276.5	78.3%
include	G0779	Sutter 1b	NG PG&E BB	2030	1892	13194	6972	772536	276.5	77.9%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2030	9	73	7835	4274	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2030	9	73	7827	4270	74.4	1.4%
include	G0838	Tracy CC	NG PG&E LT	2030	1553	11655	7504	682424	314.0	56.3%
include	G0648	Valley (CA) 1A	NG SCG	2030	106	772	7281	45213	240.0	5.0%
include	G0648	Valley (CA) 1B	NG SCG	2030	148	1077	7282	63039	240.0	7.0%
include	G0648	Valley (CA) 5	NG SCG	2030	0	0	0	0	60.5	0.0%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2030	681	5399	7923	316095	134.5	57.7%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2030	674	5338	7923	312555	134.5	57.0%
include	G0679	Woodland CC 1	NG PG&E LT	2030	365	2805	7693	164250	63.0	65.9%
include	G0221	Agnews 1	NG PG&E LT	2031	42	391	9213	22911	30.5	15.9%
include	G0040	Badger Creek 1	NG TEOR Cogen	2031	135	1272	9433	74469	47.0	32.7%
include	G0428	Bear Mountain CG 1	NG TEOR Cogen	2031	174	1592	9156	93187	47.0	42.1%
include	G0787	Blythe ALS	NG Blythe	2031	2022	13933	6890	815772	262.5	87.7%
include	G0787	Blythe BLS	NG Blythe	2031	1889	13015	6890	762017	262.5	81.9%
include	G0084	Carson Cogen Co. 1	NG SCG	2031	17	164	9458	9594	48.0	4.1%
include	G0085	Carson Ice CG CC	NG SMUD	2031	196	998	5090	58445	57.8	38.6%
include	G0085	Carson Ice CG GT1	NG SMUD	2031	149	990	6647	57990	43.2	39.3%
include	G0429	Chalk Cliff CG 1	NG TEOR Cogen	2031	130	1147	8803	67128	30.6	48.5%
include	G0923	Clearwater Cogen 1	NG SCG	2031	22	150	6777	8770	28.0	9.0%
include	G0934	Colusa Gener 1A	NG PG&E LT	2031	2419	17166	7097	1005077	330.0	83.4%
include	G0934	Colusa Gener 1B	NG PG&E LT	2031	2347	16656	7098	975200	330.0	81.0%
Include	G0149	Corona Cogen 1	NG SCG	2031	126	753	5965	44102	25.7	56.0%
include	G0889	Cosumnes River 1a	NG SMUD	2031	1890	13841	7324	810393	249.1	86.4%
include	G0889	Cosumnes River 1b	NG SMUD	2031	1865	13662	7324	799926	249.1	85.3%
include	G0161	Crockett Cogen 1	NG PG&E LT	2031	1749	9005	5150	527243	247.4	80.5%
include	G0783	Delta Energy 1a	NG PG&E BB	2031	6374	44582	6995	2610293	833.1	87.1%
include	G0169	Donald Von Raesfeld 1a	NG PG&E BB	2031	233	1802	7722	105529	60.5	43.9%
include	G0169	Donald Von Raesfeld 1b	NG PG&E BB	2031	234	1809	7718	105910	60.5	44.1%
include	G0190	El Centro 4	NG SCG	2031	0	0	0	0	73.9	0.0%
include	G0190	El Centro CC 2	NG SCG	2031	1	12	9262	683	115.0	0.1%
include	G0190	El Centro CC 3	NG SCG	2031	61	474	7720	27743	165.0	4.2%

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include	G0053	El Segundo 5a	NG SCG	2031	2048	13799	6738	807941	275.0	84.8%
include	G0053	El Segundo 5b	NG SCG	2031	2092	14096	6739	825311	275.0	86.6%
include	G0799	Elk Hills CC 1	NG S Cal Prod	2031	2324	15807	6802	925510	308.5	85.8%
include	G0799	Elk Hills CC 2	NG S Cal Prod	2031	2318	15765	6801	923067	308.5	85.5%
include	G0384	Fresno Cogen 1b	NG PG&E LT	2031	23	137	5922	8003	50.5	5.2%
include	G0950	Gateway Generating 8a	NG PG&E LT	2031	2058	14859	7220	869984	306.0	76.6%
include	G0950	Gateway Generating 8b	NG PG&E LT	2031	2142	15466	7220	905550	306.0	79.7%
include	G0229	Gilroy Power Plant 1	NG PG&E LT	2031	61	323	5292	18927	105.0	6.6%
include	G0233	Goal Line Cogen 1	NG SDG&E	2031	228	1193	5224	69838	34.8	74.7%
include	G0236	Grayson 5	NG SCG/Landfill Gas	2031	0	0	0	0	0.0	0.0%
include	G0236	Grayson CC A	NG SCG	2031	0	0	0	0	50.0	0.0%
include	G0236	Grayson CC BC	NG SCG	2031	1	11	8847	619	80.0	0.2%
include	G0238	Greenleaf 1	NG PG&E LT	2031	25	229	9120	13399	46.9	6.1%
include	G0239	Greenleaf 2	NG PG&E LT	2031	262	1503	5731	87998	40.0	74.7%
include	G0245	Harbor CC 1	NG SCG	2031	754	4498	5966	263333	122.8	69.9%
include	G0245	Harbor CC 2	NG SCG	2031	767	4612	6016	270031	122.8	71.0%
include	G0246	Harbor CGCC 1	NG SCG	2031	24	227	9464	13301	100.0	2.7%
include	G0249	Haynes 1	NG SCG	2031	2	21	12182	1208	222.0	0.1%
include	G0249	Haynes 2	NG SCG	2031	0	0	0	0	222.0	0.0%
include	G0249	Haynes Rpwr 8-10a	NG SCG	2031	128	913	7153	53435	227.5	6.4%
include	G0249	Haynes Rpwr 8-10b	NG SCG	2031	343	2444	7135	143093	248.7	15.7%
include	G0778	High Desert Power 1a	NG Kern River	2031	2005	14773	7367	864969	288.0	79.3%
include	G0778	High Desert Power 1b	NG Kern River	2031	1991	14667	7368	858743	288.0	78.7%
include	G0778	High Desert Power 1c	NG Kern River	2031	1958	14423	7367	844438	288.0	77.4%
include	G0868	Inland Empire Energy 1	NG SCG	2031	2928	19493	6658	1141326	405.0	82.3%
include	G0868	Inland Empire Energy 2	NG SCG	2031	2907	19362	6660	1133643	405.0	81.7%
include	G0293	Kern River CG TAG	NG TEOR Cogen	2031	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TBG	NG TEOR Cogen	2031	0	0	0	0	0.0	0.0%
include	G0293	Kern River CG TCG	NG TEOR Cogen	2031	0	0	0	0	0.0	0.0%
include	G0019	King City Cogen 1	NG PG&E LT	2031	473	1754	3705	102714	89.2	60.4%
include	G0286	Kingsburg Cogen 1	NG PG&E LT	2031	0	0	0	0	23.1	0.0%
include	G0781	La Paloma 1	NG Kern River	2031	1821	13835	7599	810050	256.2	80.9%
include	G0781	La Paloma 2	NG Kern River	2031	1870	14335	7665	839318	260.2	81.8%
include	G0781	La Paloma 3	NG Kern River	2031	1817	14183	7806	830387	259.8	79.6%
include	G0781	La Paloma 4	NG Kern River	2031	1815	14050	7742	822650	259.8	79.5%
include	G0315	Live Oak Limited 1	NG TEOR Cogen	2031	139	1308	9386	76555	41.5	38.2%
include	G1009	Lodi Energy Center	NG PG&E LT	2031	2041	14493	7099	848549	280.0	83.0%
include	G0866	Los Esteros CC	NG PG&E LT	2031	1815	13589	7486	795631	300.0	68.9%
include	G0780	Los Medanos EC 1a	NG PG&E LT	2031	2006	14103	7030	825710	297.0	76.9%
include	G0780	Los Medanos EC 1b	NG PG&E LT	2031	2012	14147	7032	828304	297.0	77.1%
include	G0329	Magnolia Repower 1	NG SCG	2031	630	4405	6994	257898	316.0	22.7%
include	G0894	Malburg 1a	NG SCG	2031	351	2704	7712	158317	67.5	59.1%
include	G0894	Malburg 1b	NG SCG	2031	351	2709	7713	158625	67.5	59.2%
include	G0339	McKittrick Ltd 1	NG TEOR Cogen	2031	128	1182	9213	69212	35.4	41.2%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0794	Metcalf Energy 1a	NG PG&E BB	2031	1742	13166	7559	770881	282.9	70.1%
include	G0794	Metcalf Energy 1b	NG PG&E BB	2031	1716	12969	7559	759357	282.9	69.0%
include	G0358	Midway Sunset A	NG TEOR Cogen	2031	390	2769	7096	162097	48.4	91.8%
include	G0358	Midway Sunset B	NG TEOR Cogen	2031	390	2769	7096	162097	48.4	91.8%
include	G0358	Midway Sunset C	NG TEOR Cogen	2031	390	2769	7096	162097	48.4	91.8%
include	G0372	Moss Landing CC 1a	NG PG&E BB	2031	1440	10359	7196	606526	255.0	64.3%
include	G0372	Moss Landing CC 1b	NG PG&E BB	2031	1267	9118	7195	533834	255.0	56.6%
include	G0372	Moss Landing CC 2a	NG PG&E BB	2031	1494	10701	7162	626555	255.0	66.7%
include	G0372	Moss Landing CC 2b	NG PG&E BB	2031	1379	9879	7162	578407	255.0	61.6%
include	G0795	Mountainview CC 3a	NG SCG	2031	1112	7935	7135	464600	242.3	52.3%
include	G0795	Mountainview CC 3b	NG SCG	2031	1115	7959	7135	466013	242.3	52.4%
include	G0795	Mountainview CC 4a	NG SCG	2031	696	4961	7131	290452	242.3	32.7%
include	G0795	Mountainview CC 4b	NG SCG	2031	730	5210	7133	305065	242.3	34.3%
include	G0626	NavalStationCG 1	NG SDG&E	2031	312	1531	4911	89654	51.3	69.2%
include	G0399	North Island EF CC	NG SDG&E	2031	248	2311	9336	135310	37.0	76.2%
include	G0399	North Island EF CC ST	NG SDG&E	2031	31	0	0	0	4.1	87.4%
include	G0403	O L S Camarillo 1	NG SCG	2031	196	1015	5180	59412	27.3	81.7%
include	G0404	O L S Chino 1	NG SCG	2031	214	1142	5335	66878	25.9	94.0%
include	G0409	Oildale Energy 1	NG PG&E LT	2031	0	0	0	0	0.0	0.0%
include	G0410	Olive 2	NG SCG	2031	0	0	0	0	0.0	0.0%
include	G0785	Otay Mesa 1a	NG Otay Mesa	2031	1595	11242	7050	658202	255.0	71.2%
include	G0785	Otay Mesa 1b	NG Otay Mesa	2031	1599	11277	7053	660268	255.0	71.4%
include	G0861	Palomar Escondido 1a	NG SDG&E	2031	858	6098	7107	357056	282.0	34.6%
include	G0861	Palomar Escondido 1b	NG SDG&E	2031	762	5420	7113	317338	282.0	30.8%
include	G0797	Pastoria CC 1a	NG Kern River	2031	1985	14076	7092	824161	260.0	86.9%
include	G0797	Pastoria CC 1b	NG Kern River	2031	2008	14230	7087	833190	260.0	87.9%
include	G0797	Pastoria CC 1c	NG Kern River	2031	2015	14277	7087	835943	260.0	88.2%
include	G0487	Redding CC 1	NG PG&E BB	2031	541	3870	7151	226596	70.0	88.0%
include	G0213	Roseville Energy 1a	NG PG&E LT	2031	599	4599	7679	269243	87.5	77.9%
include	G0213	Roseville Energy 1b	NG PG&E LT	2031	605	4644	7679	271880	87.5	78.7%
include	G0935	Russell City 1a	NG PG&E LT	2031	2130	15153	7116	887230	310.0	78.2%
include	G0935	Russell City 1b	NG PG&E LT	2031	2176	15487	7116	906789	310.0	79.9%
include	G0467	SCA Cogen 2 a	NG SMUD	2031	387	2258	5841	132212	66.3	66.4%
include	G0467	SCA Cogen 2 b	NG SMUD	2031	387	1319	3412	77231	68.0	64.7%
include	G0000	Scattergood CC	NG SCG	2031	1290	9057	7023	530262	300.0	48.9%
include	G0000	Scattergood CT 1	NG SCG	2031	0	0	0	0	100.0	0.0%
include	G0000	Scattergood CT 2	NG SCG	2031	1	11	8869	620	100.0	0.1%
include	S0071	SEGS III	Solar/NG SCG	2031	55	109	2007	6411	22.6	27.5%
include	S0072	SEGS IV	Solar/NG SCG	2031	55	128	2342	7480	22.6	27.5%
include	S0073	SEGS IX	Solar/NG SCG	2031	147	128	871	7480	60.7	27.5%
include	S0074	SEGS V	Solar/NG SCG	2031	55	109	2007	6411	22.6	27.5%
include	S0075	SEGS VI	Solar/NG SCG	2031	56	128	2289	7480	23.1	27.5%
include	S0076	SEGS VII	Solar/NG SCG	2031	56	109	1962	6411	23.1	27.5%
include	S0077	SEGS VIII	Solar/NG SCG	2031	147	128	871	7480	60.7	27.5%

111(d) designation	CEC Plant I	PLEXOS Unit Name	Fuel Price Index	Year	Generation (GWh)	Fuel Use(1000 MMBTU)	Implied Heat rate(BTU/KWh)	CO2e emissions (M short tons)	Rated Capacity (MW)	Capacity Factor (%)
include	G0076	SPA Campbell CG 1	NG SMUD	2031	748	3188	4260	186666	164.0	52.0%
include	G0784	Sunrise Power CC 1a	NG Kern River	2031	1835	13086	7131	766207	250.5	83.4%
include	G0784	Sunrise Power CC 1b	NG Kern River	2031	1786	12735	7130	745661	250.5	81.2%
include	G0779	Sutter 1a	NG PG&E BB	2031	1901	13251	6972	775818	276.5	78.3%
include	G0779	Sutter 1b	NG PG&E BB	2031	1891	13183	6972	771839	276.5	77.8%
include	G0590	Sycamore Cogen GTB	NG TEOR Cogen	2031	9	73	7835	4270	74.4	1.4%
include	G0590	Sycamore Cogen GTD	NG TEOR Cogen	2031	9	73	7827	4266	74.4	1.4%
include	G0838	Tracy CC	NG PG&E LT	2031	1552	11645	7504	681808	314.0	56.3%
include	G0648	Valley (CA) 1A	NG SCG	2031	106	772	7281	45172	240.0	5.0%
include	G0648	Valley (CA) 1B	NG SCG	2031	148	1076	7282	62982	240.0	7.0%
include	G0648	Valley (CA) 5	NG SCG	2031	0	0	0	0	60.5	0.0%
include	G0900	Walnut Energy Center 1a	NG PG&E LT	2031	681	5394	7923	315810	134.5	57.6%
include	G0900	Walnut Energy Center 1b	NG PG&E LT	2031	673	5333	7923	312273	134.5	57.0%
include	G0679	Woodland CC 1	NG PG&E LT	2031	364	2803	7693	164102	63.0	65.8%