



California Energy Commission Data Collection Regulations

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California Energy Commission

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Data Collection Regulations

- Regulations governing data collection for the Energy Policy Report (Title 20, California Code of Regulations, section 1301 et seq. and 1340 et seq.)
- Regulations implementing the Energy Commission's complaint and investigation process (Title 20, California Code of Regulations, section 1230 et seq.)
- Regulations governing the disclosure of Energy Commission records Title 20, California Code of Regulations, section 2501 et seq.)



Uses of Data Filings

- SB 1389 directs the Energy Commission “to conduct assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand and prices.” (Pub. Resources Code, § 25301.)
- The Energy Commission is to produce an Integrated Energy Policy Report every two years. (Pub. Resources Code, § 25302.)
- In carrying out its responsibilities, the Energy Commission is required to “manage a data collection system for obtaining the information necessary to develop the policy reports and analyses required by [SB 1389].” (Pub. Resources Code, § 25320.)



Quarterly Fuels and Energy Reports

				Primary Energy Source Type:			Secondary Energy Source Type:		
Month	Gross MWh	Net MWh	Available MW @ System Peak	Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Cost*	Fuel Use in MCF, bbl. or ton	Fuel Use in MMBtu	Fuel Cost*
January									
February									
December									
Annual Total**									
Notes									



Generation Facilities that Report to the Energy Commission

Plant Type	>50 MW	10-50 MW	1-10 MW	Total
Coal	6	11	0	17
Gio	4	30	43	77
Ngas	88	100	66	254
Hyro	62	65	127	254
Nuclear	2	0	0	2
Solar	2	7	1	10
Geo	21	21	0	42
Wind	5	33	30	68
Total	190	267	267	724



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Number of Units and Reporting Companies by Owner Type

OwnerType	>50 MW	10-50 MW	1-10 MW	Total	Company
Federal	25	8	3	36	1
IOU	70	34	62	166	3
Merchant	158	40	32	230	58
MUNI	112	65	59	236	31
QF	91	250	208	549	224
Selfgen	8	7	25	40	17
State	24	4	1	29	1
Grand Total	488	408	390	1286	335



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2005 California Capacity and Generation (Includes Mohave and Intermountain Generation)

		Size				
OwnerType	Data	Over 50	10 - 50	5 - 10	Under 5	Grand Total
Federal	Sum of MWh	4,778,668	72,346		9,986	4,861,000
	Sum of MW	1,839	39		4	1,882
IOU	Sum of MWh	61,653,429	2,343,946	656,288	272,683	64,926,346
	Sum of MW	10,826	522	136	57	11,541
Merchant	Sum of MWh	54,882,029	972,255	168,114	96,106	56,118,504
	Sum of MW	27,863	1,104	43	22	29,033
MUNI	Sum of MWh	33,440,280	5,290,862	657,379	216,846	39,605,367
	Sum of MW	11,011	1,178	132	63	12,384
QF	Sum of MWh	25,056,391	23,179,373	1,061,691	898,267	50,195,722
	Sum of MW	4,082	3,894	227	190	8,393
Selfgen	Sum of MWh	1,336,061	979,640	166,125	143,676	2,625,502
	Sum of MW	225	169	33	26	453
State	Sum of MWh	3,615,329	177,816		14,172	3,807,317
	Sum of MW	1,534	52		3	1,590
Total Sum of MWh		184,762,187	33,016,238	2,709,597	1,651,736	222,139,757
Total Sum of MW		57,382	6,959	571	364	65,276



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2005 Generation (MWh) by Fuel Type

(Net Imports Includes Mohave & Intermountain)

	>50 MW	10-50 MW	5-10 MW	1-5 MW	Total
Coal	6,028,718	2,296,114	0	0	8,324,832
Biomass	1,106,327	3,985,248	422,866	502,212	6,016,653
NG	78,590,571	16,637,272	981,878	426,639	96,636,360
Hydro	32,215,123	5,653,778	1,304,853	720,896	39,894,650
Nuclear	36,155,312	0	0	0	36,155,312
Solar	276,059	382,274	0	1,989	660,322
Wind	0	0	0	4,400,000	4,400,000
Geothermal	10,318,077	4,061,552	0	0	14,379,629
Net Imports					82,528,000
Total	164,690,187	33,016,238	2,709,597	6,051,736	288,995,757



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Percent Split for Total Generation Serving California 2005 Electricity Demand

	>50 MW	10-50 MW	5-10 MW	1-5 MW	Total
Coal	2.1%	0.8%	0.0%	0.0%	2.9%
Biomass	0.4%	1.4%	0.1%	0.2%	2.1%
NG	27.2%	5.8%	0.3%	0.1%	33.4%
Hydro	11.1%	2.0%	0.5%	0.2%	13.8%
Nuclear	12.5%	0.0%	0.0%	0.0%	12.5%
Solar	0.1%	0.1%	0.0%	0.0%	0.2%
Wind	0.0%	0.0%	0.0%	1.5%	1.5%
Geothermal	3.6%	1.4%	0.0%	0.0%	5.0%
Net Imports	0.0%	0.0%	0.0%	0.0%	28.6%
Total	57.0%	11.4%	0.9%	2.1%	100.0%