

Data source is the CEC-1304 Power Plant Owners Report as of April 29, 2020.

These tables and corresponding charts are provided to show the total installed electric generation nameplate capacity of all power plants one megawatt (MW) and larger located within California, and the corresponding generation from these resources. The data is collected under the authority of the California Code of Regulations, Title 20, Division 2, Chapter 3, Section 1304(a)(1)-(2).

The information in these charts and tables is based on metering at each power plant site and, therefore, does not account for the 7-8 percent (typical) loss attributed to transmission for delivery to the customer's meter. In addition, the information includes both retail sales and non-retail sales such as water delivery and pumped storage. The information cannot be used to determine progress toward the Renewables Portfolio Standard due to these differences.

The information does not include power plants with a nameplate capacity of less than one megawatt and does not include distributed generation such as residential solar photovoltaic installations, backup power generators, or imported energy from surrounding control areas. Data is subject to change based on revisions and quality control checks.

For more information on the Renewables Portfolio Standard, please visit this page:

<http://www.energy.ca.gov/portfolio/index.html>

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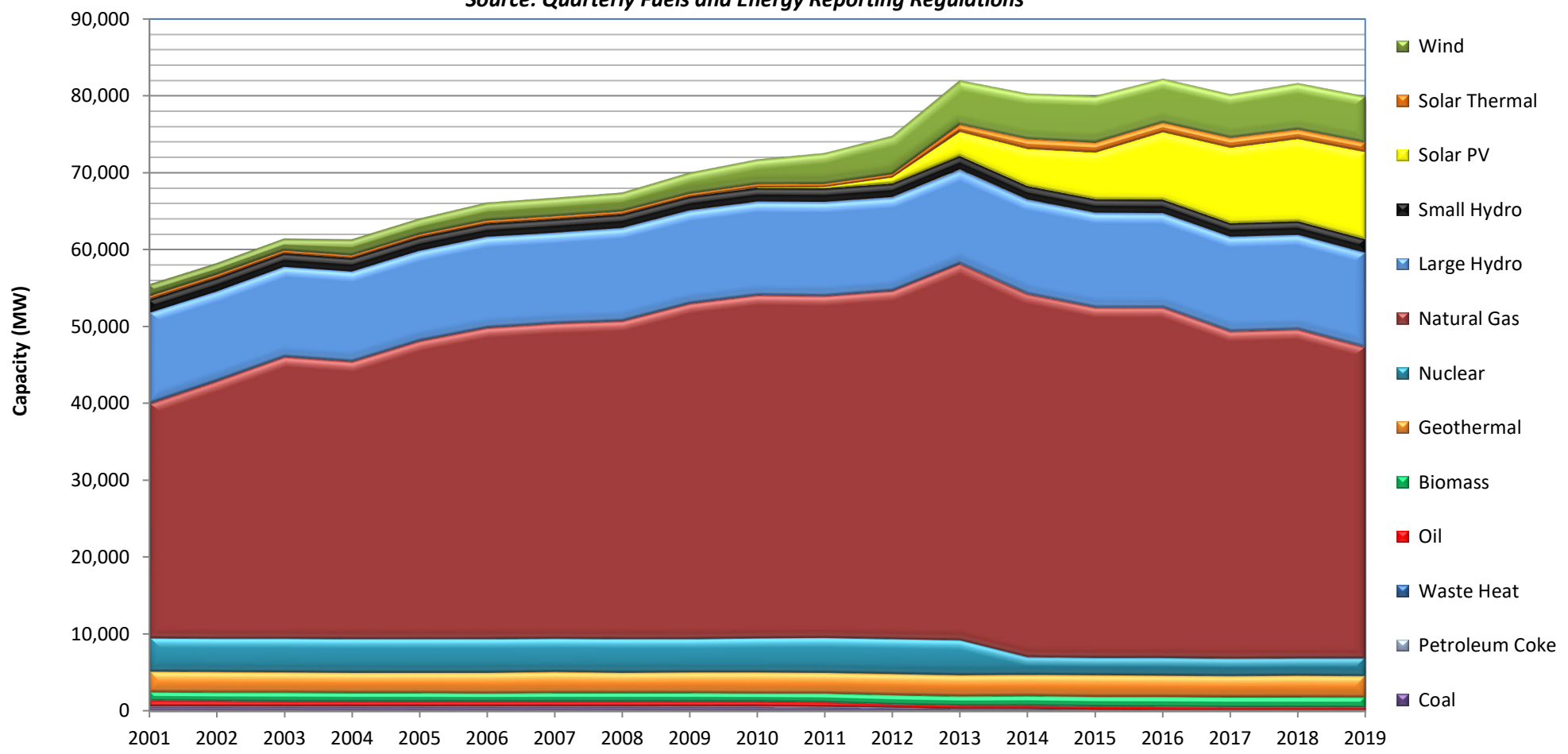
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2019 Capacity (MW)
55
36
1,308
2,730
2,393
40,382
12,281
1,758
11,278
1,249
5,973
52
351
79,845

Installed In-State Electric Generation Capacity by Fuel Type

Source: Quarterly Fuels and Energy Reporting Regulations



Primary Fuel Type	2001 Generation (GWh)	2002 Generation (GWh)	2003 Generation (GWh)	2004 Generation (GWh)	2005 Generation (GWh)	2006 Generation (GWh)	2007 Generation (GWh)	2008 Generation (GWh)	2009 Generation (GWh)	2010 Generation (GWh)	2011 Generation (GWh)	2012 Generation (GWh)	2013 Generation (GWh)	2014 Generation (GWh)	2015 Generation (GWh)	2016 Generation (GWh)	2017 Generation (GWh)	2018 Generation (GWh)	2019 Generation (GWh)
Coal	2,810	3,010	3,032	2,889	3,012	2,920	2,968	2,835	2,562	2,286	2,096	1,262	824	802	309	324	302	294	248
Petroleum Coke	1,231	1,265	1,237	1,197	1,271	1,270	1,249	1,142	1,173	1,120	1,024	318	194	208	229	207	246	207	191
Biomass	5,782	6,217	6,094	6,082	6,080	5,865	5,766	5,915	6,122	5,993	6,066	6,211	6,559	6,785	6,367	5,905	5,847	5,913	5,851
Geothermal	13,525	13,396	13,329	13,494	13,292	13,093	13,084	12,907	12,907	12,740	12,685	12,733	12,510	12,186	11,994	11,582	11,745	11,528	10,943
Nuclear	33,294	34,353	35,594	30,241	36,155	32,036	35,698	32,482	31,509	32,214	36,666	18,491	17,860	17,027	18,525	18,931	17,925	18,268	16,163
Natural Gas	116,151	92,490	94,194	105,040	96,893	108,952	120,247	122,799	117,099	109,682	91,063	121,777	120,863	121,855	117,565	98,880	89,588	90,711	86,136
Large Hydro	20,144	26,003	30,325	28,945	33,334	40,952	22,640	19,887	23,659	28,483	35,682	22,737	20,319	13,739	11,569	24,410	36,920	22,043	33,145
Small Hydro	4,844	5,356	5,996	5,545	6,928	7,607	4,466	4,573	4,880	5,707	7,055	4,724	3,782	2,742	2,427	4,576	6,383	4,250	5,349
Solar PV	3	2	2	2	2	2	2	3	17	90	226	1,025	3,796	9,148	13,057	17,385	21,895	25,005	26,210
Solar Thermal	834	848	757	739	658	614	666	730	841	879	889	867	686	1,624	2,446	2,548	2,464	2,545	2,303
Wind	3,242	3,546	3,316	4,258	4,084	4,902	5,570	5,724	6,249	6,172	7,598	9,242	11,964	13,104	12,191	13,499	12,867	14,024	13,680
Waste Heat	242	240	294	237	221	259	233	278	233	241	267	217	222	237	177	182	163	223	220
Oil	379	87	103	127	148	134	103	92	67	52	36	48	38	45	54	37	33	35	36
Grand Total	202,480	186,815	194,270	198,796	202,079	218,604	212,693	209,367	207,317	205,657	201,353	199,652	199,618	199,503	196,910	198,466	206,378	195,044	200,475

In-State Electric Generation by Fuel Type

Source: Quarterly Fuels and Energy Reporting Regulations

