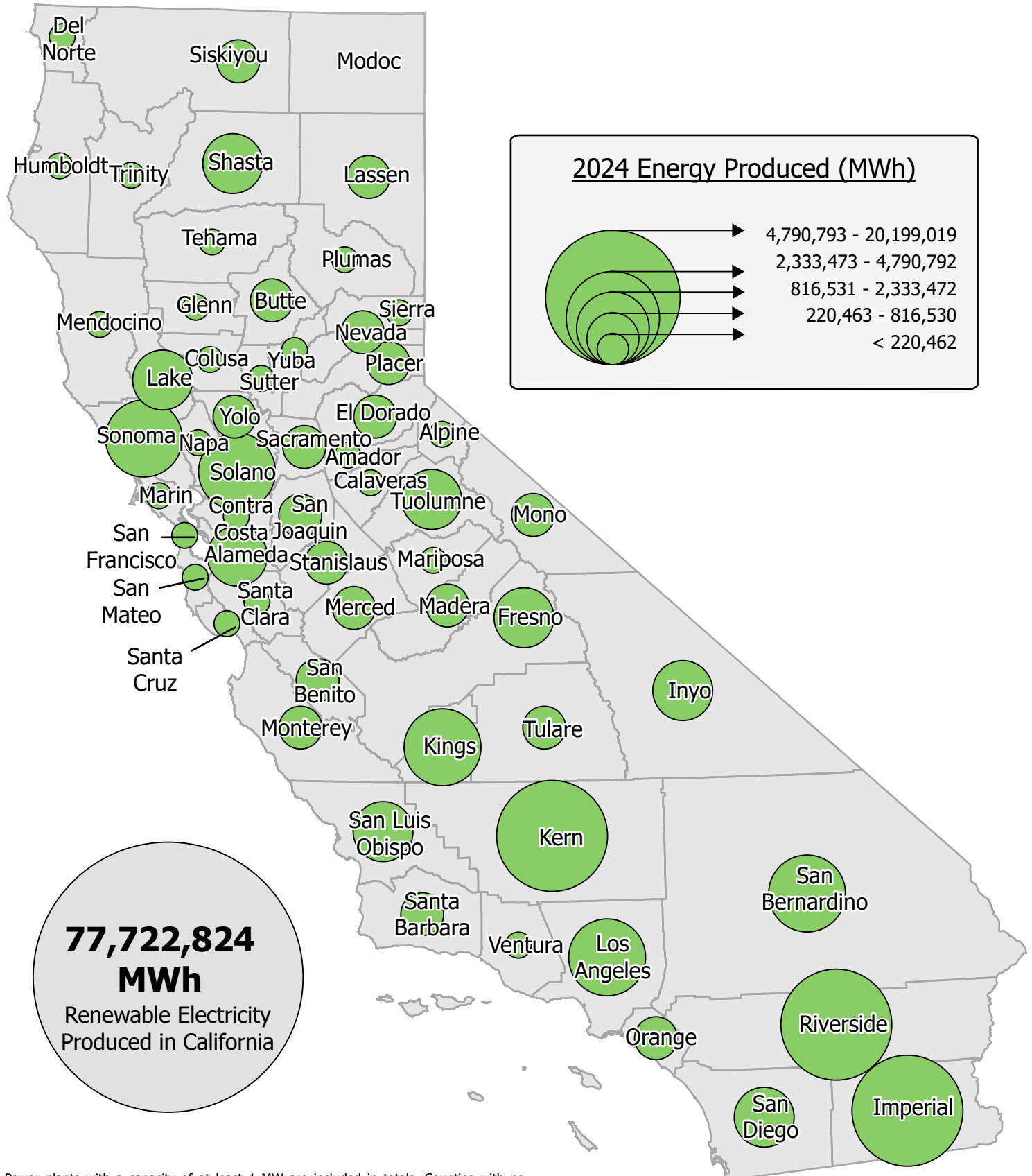


# Utility-Scale Renewable Generation Totals by County: 2024



Power plants with a capacity of at least 1 MW are included in totals. Counties with no symbol have no utility-scale renewable electric generation. Distributed generation, such as rooftop solar, is not included. Data is classified using Jenks Natural Breaks method. Projection is WGS 1984 California (Teale) Albers (US Feet). Data sources are the California Energy Commission's Quarterly Fuel and Energy Report and the Wind Generation Reporting System databases. Data provided is for the year 2024 and is current as of July 1, 2025. For further inquiries contact John Hingtgen at [john.hingtgen@energy.ca.gov](mailto:john.hingtgen@energy.ca.gov).

Renewable Electrical Generation in Megawatt Hours (MWh): 2024

County	Biomass	Geothermal	Small Hydro	Solar PV	Solar Thermal	Wind	Grand Total
Alameda	114,841	-	-	28,649	-	806,969	950,459
Alpine	-	-	-	-	-	-	-
Amador	0	-	81,851	1,971	-	-	83,822
Butte	16,031	-	214,115	14,653	-	-	244,799
Calaveras	-	-	217,624	2,838	-	-	220,462
Colusa	91,830	-	-	-	-	-	91,830
Contra Costa	28,693	-	-	68,857	-	81,325	178,875
Del Norte	-	-	-	-	-	-	-
El Dorado	-	-	252,293	-	-	-	252,293
Fresno	145,082	-	21,724	2,166,666	-	-	2,333,472
Glenn	-	-	13,631	3,077	-	-	16,708
Humboldt	120,648	-	-	218	-	-	120,866
Imperial	-	3,688,395	178,747	4,994,244	-	533,851	9,395,237
Inyo	-	1,067,356	456,568	4,701	-	-	1,528,625
Kern	250,831	-	270,391	10,906,290	-	8,771,506	20,199,019
Kings	11,574	-	-	2,922,208	-	-	2,933,782
Lake	-	1,259,260	47,274	4,866	-	-	1,311,400
Lassen	204,952	-	82,395	5,159	-	-	292,506
Los Angeles	699,325	-	499,571	2,914,493	-	4,681	4,118,070
Madera	21,405	-	139,480	158,556	-	-	319,442
Marin	5,484	-	-	3,924	-	-	9,408
Mariposa	-	-	43,953	-	-	-	43,953
Mendocino	-	-	11,156	12,134	-	-	23,290
Merced	1,025	-	17,633	776,074	-	1,205	795,937
Mono	-	244,874	87,447	-	-	-	332,321
Monterey	51,473	-	-	273,473	-	44,647	369,593
Napa	-	-	-	3,244	-	-	3,244
Nevada	-	-	271,676	-	-	-	271,676
Orange	479,676	-	3,868	15,302	-	-	498,846
Placer	263,587	-	221,731	7,535	-	-	492,853
Plumas	172,459	-	4,532	-	-	-	176,991
Riverside	211,354	-	23,197	7,496,387	618,961	1,756,499	10,106,398
Sacramento	104,294	-	69,853	459,033	-	-	633,180
San Benito	-	-	-	305,262	-	-	305,262
San Bernardino	143	-	41,558	2,224,511	1,304,520	6,755	3,577,488
San Diego	133,456	-	27,290	347,531	-	447,773	956,050
San Francisco	0	-	-	21,790	-	-	21,790
San Joaquin	389,253	-	58,080	60,174	-	4,095	511,602
San Luis Obispo	10,443	-	18,601	1,983,544	-	-	2,012,588
San Mateo	87,044	-	-	-	-	-	87,044
Santa Barbara	12,251	-	-	113,418	-	230,326	355,995
Santa Clara	12,007	-	-	47,779	-	-	59,786
Santa Cruz	28,784	-	-	2,108	-	-	30,892
Shasta	709,552	-	185,730	12,544	-	271,634	1,179,460
Sierra	-	-	24,392	-	-	-	24,392
Siskiyou	57,447	-	209,840	-	-	-	267,287
Solano	69,554	-	-	61,878	-	2,522,604	2,654,036
Sonoma	28,945	4,738,774	0	23,073	-	-	4,790,792
Stanislaus	93,226	-	31,103	172,521	-	-	296,851
Sutter	-	-	-	3,941	-	-	3,941
Tehama	-	-	38,075	29,330	-	1,941	69,346
Trinity	-	-	18,856	-	-	-	18,856
Tulare	22,408	-	60,839	733,283	-	-	816,531
Tuolumne	166,708	-	874,835	7,665	-	-	1,049,208
Ventura	5,829	-	712	6,204	-	-	12,745
Yolo	190,160	-	32,929	19,209	-	1,616	243,914
Yuba	25,153	-	836	1,622	-	-	27,611
Grand Total	5,036,928	10,998,660	4,854,387	39,421,941	1,923,481	15,487,427	77,722,824