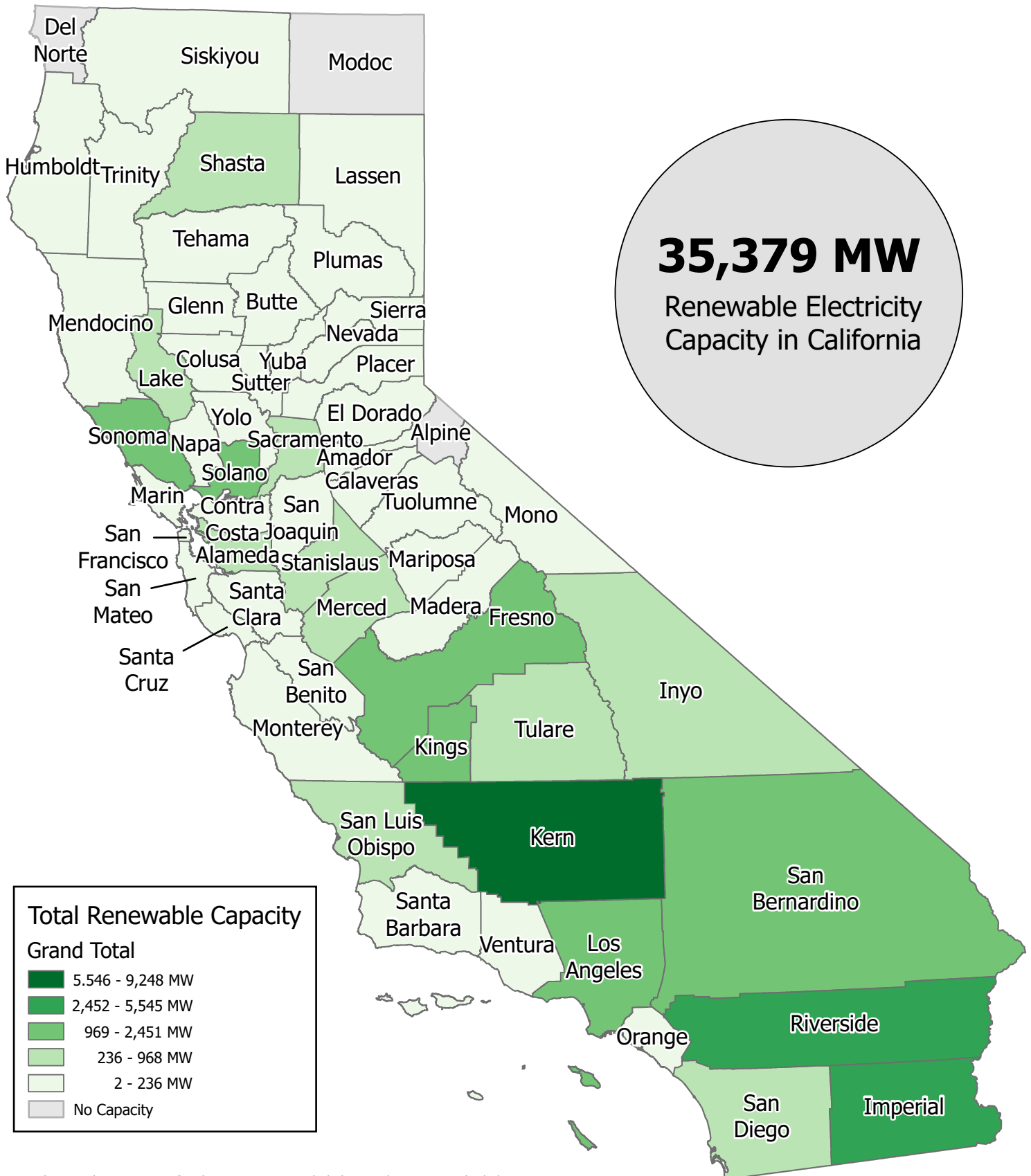


# Utility-Scale Renewable Capacity Totals by County: 2024



Power plants with a capacity of at least 1 MW are included in totals. Counties shaded in grey have no utility-scale renewable electric capacity. 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 Capacity in Megawatts (MW): 2024

County	Biomass	Geothermal	Small Hydro	Solar PV	Solar Thermal	Wind	Grand Total
Alameda	22	-	-	18	-	286	325
Amador	-	-	14	2	-	-	16
Butte	2	-	68	11	-	-	81
Calaveras	-	-	32	2	-	-	33
Colusa	32	-	-	-	-	-	32
Contra Costa	7	-	-	48	-	38	92
El Dorado	-	-	70	-	-	-	70
Fresno	56	-	37	1,571	-	-	1,663
Glenn	-	-	5	2	-	-	7
Humboldt	61	-	1	2	-	-	65
Imperial	-	723	93	2,225	-	265	3,306
Inyo	-	302	157	2	-	-	461
Kern	124	-	64	5,484	-	3,569	9,241
Kings	3	-	-	1,726	-	-	1,729
Lake	-	367	6	3	-	-	376
Lassen	36	-	30	3	-	-	68
Los Angeles	219	-	214	1,531	-	2	1,966
Madera	40	-	68	84	-	-	192
Marin	4	-	-	3	-	-	7
Mariposa	-	-	9	-	-	-	9
Mendocino	-	-	13	7	-	-	20
Merced	13	-	31	353	-	18	415
Mono	-	85	21	-	-	-	106
Monterey	9	-	-	140	-	15	164
Napa	-	-	-	2	-	-	2
Nevada	-	-	82	-	-	-	82
Orange	80	-	12	27	-	-	119
Placer	52	-	92	6	-	-	149
Plumas	35	-	28	-	-	-	63
Riverside	56	-	50	4,514	250	676	5,545
Sacramento	15	-	14	316	-	-	344
San Benito	-	-	-	146	-	-	146
San Bernardino	3	-	38	1,670	734	7	2,451
San Diego	25	-	12	206	-	182	425
San Francisco	2	-	-	14	-	-	17
San Joaquin	59	-	11	34	-	4	107
San Luis Obispo	2	-	4	962	-	-	968
San Mateo	11	-	-	-	-	-	11
Santa Barbara	3	-	-	67	-	95	165
Santa Clara	3	-	-	31	-	-	35
Santa Cruz	5	-	-	3	-	-	8
Shasta	144	-	87	8	-	101	340
Sierra	-	-	14	-	-	-	14
Siskiyou	13	-	45	-	-	-	59
Solano	10	-	-	36	-	1,099	1,144
Sonoma	12	1,238	3	15	-	-	1,268
Stanislaus	24	-	21	301	-	-	346
Sutter	-	-	-	3	-	-	3
Tehama	-	-	21	17	-	1	40
Trinity	-	-	14	-	-	-	14
Tulare	16	-	38	708	-	-	762
Tuolumne	37	-	195	5	-	-	236
Ventura	2	-	3	4	-	-	9
Yolo	31	-	12	17	-	1	61
Yuba	3	-	2	1	-	-	6
Grand Total	1,269	2,715	1,727	22,325	984	6,360	35,379