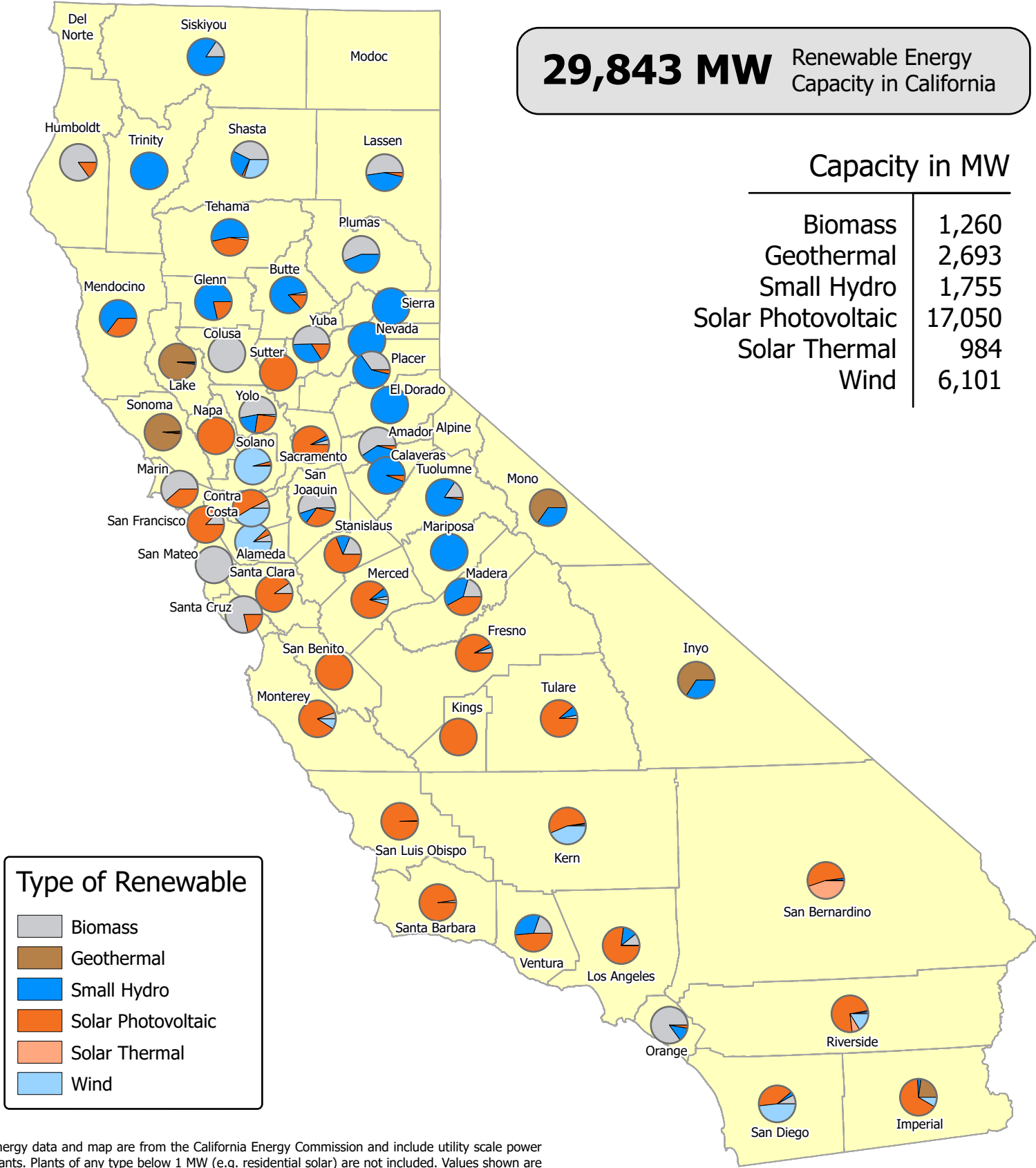


Utility Renewable Capacity by Type and County: 2022

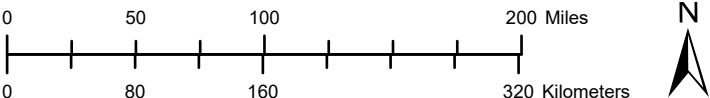
29,843 MW Renewable Energy Capacity in California

Capacity in MW

Biomass	1,260
Geothermal	2,693
Small Hydro	1,755
Solar Photovoltaic	17,050
Solar Thermal	984
Wind	6,101



Energy data and map are from the California Energy Commission and include utility scale power plants. Plants of any type below 1 MW (e.g. residential solar) are not included. Values shown are as of the end of the year, which may not include plants that went out of service within the year. Hydroelectric plants of 30 MW and less are considered renewable energy sources in California. Hydroelectric plants over 30 MW are non-renewable. Counties without pie symbols had no utility scale renewable energy capacity for the year. Data is for 2022 and is current as of January 3, 2024. Projection: NAD 1983 (2011) California (Teale) Albers (Meters). For more information, contact John Hingtgen at wgrshelp@energy.ca.gov or Gordon Huang at qfergen@energy.ca.gov.



Renewable Energy Capacity in Megawatts (MW)

County	Biomass	Geothermal	Small Hydro	Solar Photovoltaic	Solar Thermal	Wind	Total
Alameda	22	-	-	18	-	286	325
Amador	23	-	14	2	-	-	38
Butte	2	-	68	11	-	-	81
Calaveras	-	-	32	2	-	-	33
Colusa	29	-	-	-	-	-	29
Contra Costa	7	-	-	48	-	38	92
El Dorado	-	-	70	-	-	-	70
Fresno	56	-	35	1,010	-	-	1,101
Glenn	-	-	6	2	-	-	7
Humboldt	61	-	-	11	-	-	72
Imperial	-	717	93	2,058	-	265	3,134
Inyo	-	302	157	-	-	-	459
Kern	127	-	75	4,412	-	3,576	8,190
Kings	-	-	-	1,554	-	-	1,554
Lake	-	396	6	3	-	-	404
Lassen	36	-	30	3	-	-	68
Los Angeles	189	-	215	1,343	-	2	1,749
Madera	38	-	68	77	-	-	182
Marin	4	-	-	3	-	-	7
Mariposa	-	-	9	-	-	-	9
Mendocino	-	-	13	7	-	-	20
Merced	13	-	31	342	-	18	404
Mono	-	40	21	-	-	-	61
Monterey	9	-	-	140	-	15	164
Napa	-	-	-	2	-	-	2
Nevada	-	-	82	-	-	-	82
Orange	86	-	12	3	-	-	101
Placer	52	-	92	6	-	-	149
Plumas	35	-	28	-	-	-	63
Riverside	56	-	50	2,700	250	576	3,630
Sacramento	15	-	14	313	-	-	342
San Benito	-	-	-	146	-	-	146
San Bernardino	-	-	38	987	734	7	1,766
San Diego	30	-	12	153	-	182	378
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	1	-	-	63	-	-	65
Santa Clara	3	-	-	30	-	-	33
Santa Cruz	5	-	-	1	-	-	6
Shasta	144	-	86	8	-	101	339
Sierra	-	-	14	-	-	-	14
Siskiyou	13	-	72	-	-	-	86
Solano	10	-	-	36	-	1,029	1,074
Sonoma	12	1,238	3	15	-	-	1,268
Stanislaus	24	-	16	88	-	-	128
Sutter	-	-	-	3	-	-	3
Tehama	-	-	21	17	-	1	40
Trinity	-	-	14	-	-	-	14
Tulare	13	-	38	402	-	-	454
Tuolumne	37	-	193	5	-	-	235
Ventura	2	-	2	4	-	-	8
Yolo	31	-	12	15	-	1	59
Yuba	3	-	2	1	-	-	6
Total	1,260	2,693	1,755	17,050	984	6,101	29,843