

CTPG 2010 Phase 1 Renewable Generation

Location (Region/CREZ)	Assumed Interconnection Point to Grid	Technology	Maximum Installed Capacity (MW)	Expected Annual Capacity Factor	Identified Potential -- Annual Renewable Energy Production (gWh)	Fraction of Installed Capacity Producing Power for Hour Studied	Dispatch for Hour Studied (MW)
Arizona	WESTWING	Solar Thermal	333	25.4%	739.9	80%	266
Baja-A (La Rumorosa)	ECO	Wind	0	30.0%	0.0	30%	0
Baja-B (Santa Catarina)	IMPRLVLY	Wind	0	30.0%	0.0	30%	0
Barstow	BARSTOW	Solar Thermal	850	26.7%	1984.7	73%	624
Barstow	HLTAP	Solar Thermal	0	26.7%	0.0	73%	0
Barstow	BARSTOW	Wind	0	31.1%	0.0	29%	0
Barstow	HLTAP	Wind	0	31.1%	0.0	29%	0
British Columbia	SEL 500	Geothermal	0	90.0%	0.0	90%	0
British Columbia	SEL 500	Wind	0	30.7%	0.0	24%	0
Carrizo North	TEMPLETN	Solar Thermal	0	25.2%	0.0	68%	0
Carrizo South	MIDWAY	Solar Thermal	935	25.3%	2075.1	68%	633
Carrizo South	CARRIZO	Solar Thermal	400	25.3%	887.7	68%	271
Carrizo South	CARRIZO	Solar Thermal	210	25.3%	466.1	68%	142
Cuyama	CARRIZO	Solar Thermal	0	25.7%	0.0	70%	0
Fairmont	FAIRMONT	Biomass/biogas	7	85.0%	52.1	85%	6
Fairmont	FAIRMONT	Solar Thermal	305	26.7%	713.7	81%	246
Fairmont	FAIRMONT	Wind	33	33.3%	96.2	60%	20
Humboldt	HUMBOLDT	Biomass/biogas	11	85.0%	81.9	100%	11
Idaho	GOSHEN	Wind	130	30.7%	350.2	20%	26
Imperial East	W.GILA	Solar Thermal	0	25.2%	0.0	66%	0
Imperial East	IIDWIND1 (Pilot Knob 92 kV bus)	Wind	15	32.3%	42.5	20%	3
Imperial East	W.GILA	Wind	0	32.3%	0.0	19%	0
Imperial North-A	SS6-230	Biomass/biogas	0	85.0%	0.0	85%	0
Imperial North-A	SS6-230	Geothermal	352	90.0%	2775.2	90%	317
Imperial North-A	SS6-230	Solar Thermal	0	24.6%	0.0	63%	0
Imperial North-B	MIDWAY X	Biomass/biogas	7	85.0%	52.1	85%	6
Imperial North-B	MIDWAY X	Geothermal	60	90.0%	473.0	90%	54
Imperial North-B	IID GEO001 (Midway 230 kV bus)	Geothermal	55	90.0%	433.6	100%	55
Imperial North-B	IIDGEO002 (Midway 230 kV bus)	Geothermal	55	90.0%	433.6	100%	55
Imperial North-B	MIDWAY X	Solar Thermal	209	24.6%	450.2	63%	132
Imperial South	IIDBIOM1 (Rockwood 92 kV bus)	Biomass/biogas	16.5	85.0%	122.9	100%	17
Imperial South	IMPRLVLY	Biomass/biogas	0	85.0%	0.0	85%	0
Imperial South	IMPRLVLY	Geothermal	0	90.0%	0.0	90%	0
Imperial South	IIDSLR01 (Dixieland 230 kV bus)	Solar Thermal	50	24.6%	107.7	80%	40
Imperial South	IIDSLR02 (Dixieland 230 kV bus)	Solar Thermal	50	24.6%	107.7	80%	40
Imperial South	IMPRLVLY	Solar Thermal	349.4	24.6%	752.5	67%	233
Imperial South	IMPRLVLY	Wind	0	30.0%	0.0	30%	0
Inyokern	INYOKERN	Solar Thermal	242	22.0%	467.2	81%	197
Inyokern	INYOKERN	Wind	0	28.0%	0.0	50%	0
Iron Mountain	IRON MTN	Solar Thermal	0	25.6%	0.0	70%	0
Iron Mountain	IRON MTN	Wind	0	27.6%	0.0	15%	0
Kramer	KRAMER	Geothermal	45	90.0%	354.8	90%	41
Kramer	KRAMER	Solar Thermal	264	23.9%	552.5	83%	218
Kramer	KRAMER	Wind	34.69	26.6%	80.8	48%	17
Lassen North	RAVEN_CA	Wind	873	29.6%	2261.7	23%	200
Lassen South	RAVEN_CA	Wind	0	30.8%	0.0	24%	0
Montana	CUTBANK	Wind	103.5	30.7%	278.8	20%	21
Montana	GT FALLS	Wind	309	30.7%	832.3	20%	62
Mountain Pass	MTN_PASS	Solar Thermal	358	26.4%	828.3	74%	264
Mountain Pass	MTNPASS2	Solar Thermal	410	26.4%	948.6	74%	302
Mountain Pass	MTN_PASS	Wind	0	28.3%	0.0	17%	0
Mountain Pass	MTNPASS2	Wind	0	28.3%	0.0	17%	0
Needles	CAMINO	Wind	0	29.3%	0.0	17%	0
Nevada C	OXBOW G1	Geothermal	69.2	90.0%	545.6	90%	62
Nevada C	CONTROL	Geothermal	120	90.0%	946.1	90%	108
Nevada C	OXBOW B	Geothermal	50	90.0%	394.2	90%	45
Nevada N	TRACY	Geothermal	0	90.0%	0.0	90%	0
Nevada S	MARKETPL	Solar Thermal	217	26.4%	502.1	80%	174
Oregon	MCNARY	Geothermal	0	90.0%	0.0	90%	0
Oregon	GRIZZLY	Wind	104	30.7%	280.1	20%	21
Oregon	GRIZZLY	Wind	303	30.7%	816.1	20%	61
Oregon	GRIZZLY	Wind	303	30.7%	816.1	20%	61
Oregon	MALIN	Wind	573.6	30.7%	1545.0	20%	115
Oregon	GRIZZLY	Wind	50	30.7%	134.7	20%	10
Oregon	GRIZZLY	Wind	303	30.7%	816.1	20%	61
Owens Valley	LONEPINE	Solar Thermal	0	24.8%	0.0	62%	0

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Palm Springs	DEVERS	Wind	146.6	38.9%	499.8	56%	83
Pisgah	PISGAH	Solar Thermal	3248	27.3%	7763.0	75%	2423
Riverside East	COLRIVER	Solar Thermal	828	25.4%	1839.7	65%	539
Riverside East	COLRIVER	Solar Thermal	734	25.4%	1630.9	65%	478
Round Mountain-A	ROUND MT	Geothermal	0	90.0%	0.0	90%	0
Round Mountain-B	ROUND MT	Biomass/biogas	23	85.0%	171.3	85%	20
Round Mountain-B	ROUND MT	Wind	55	30.7%	148.1	24%	13
San Bernardino - Baker	BAKER	Solar Thermal	825	25.9%	1870.3	27%	220
San Bernardino - Lucerne	LUCERNE	Biomass/biogas	23	85.0%	171.3	85%	20
San Bernardino - Lucerne	LUCERNE	Solar Thermal	70	27.1%	166.4	75%	53
San Bernardino - Lucerne	LUCERNE	Wind	81	31.3%	222.1	30%	24
San Diego	BULLMOOS	Biomass/biogas	23	85.0%	171.3	100%	23
San Diego North Central	SYCAMORE	Wind	0	29.4%	0.0	37%	0
San Diego South	ECO	Wind	0	32.3%	0.0	33%	0
Santa Barbara	MESA PGE	Wind	92	30.9%	249.4	33%	31
Solano	SOLANO	Wind	408	34.9%	1248.2	65%	266
Tehachapi	WINDHUB	Biomass/biogas	0	85.0%	0.0	85%	0
Tehachapi	WINDHUB	Solar Thermal	78	21.8%	148.7	83%	65
Tehachapi	BARRENRD	Solar Thermal	280.75	21.8%	535.3	83%	233
Tehachapi	BARRENRD	Solar Thermal	800	21.8%	1525.4	16%	127
Tehachapi	BARRENRD	Wind	2170	33.6%	6391.0	47%	1019
Tehachapi	BARRENRD	Wind	0	33.6%	0.0	60%	0
Tehachapi	WINDHUB	Wind	539.5	33.6%	1588.9	60%	326
Twentynine Palms	LUCERNE	Solar Thermal	0	25.8%	0.0	69%	0
Victorville	VICTORVL	Solar Thermal	0	26.7%	0.0	80%	0
Victorville	VICTORVL	Wind	0	30.4%	0.0	29%	0
Washington	MCNARY	Wind	577	30.7%	1554.2	20%	115
Washington	MCNARY	Wind	386	30.7%	1039.7	20%	77
Totals:			20553		55534.7		11386