

Table of Operating Power Plants and Projects Under Construction as of: **September 30, 2024**

SEGMENT /Power Plant	NERC Region	U.S. State or Canadian Province	Technology	Calpine Interest Percentage	Calpine Net Interest Baseload (MW) <sup>(1)(3)</sup>	Calpine Net Interest With Peaking (MW) <sup>(2)(3)</sup>
<b>WEST</b>						
<b>Geothermal</b>						
McCabe #5 & #6	WECC	CA	Renewable	100%	84	84
Ridge Line #7 & #8	WECC	CA	Renewable	100%	76	76
Calistoga	WECC	CA	Renewable	100%	69	69
Eagle Rock	WECC	CA	Renewable	100%	68	68
Big Geysers	WECC	CA	Renewable	100%	61	61
Lake View	WECC	CA	Renewable	100%	54	54
Quicksilver	WECC	CA	Renewable	100%	53	53
Sonoma	WECC	CA	Renewable	100%	53	53
Cobb Creek	WECC	CA	Renewable	100%	51	51
Socrates	WECC	CA	Renewable	100%	50	50
Sulphur Springs	WECC	CA	Renewable	100%	47	47
Grant	WECC	CA	Renewable	100%	41	41
Aidlin	WECC	CA	Renewable	100%	18	18
<b>Natural Gas-Fired</b>						
Delta Energy Center	WECC	CA	Combined Cycle	100%	860	882
Pastoria Energy Facility	WECC	CA	Combined Cycle	100%	780	759
Hermiston Power Project	WECC	OR	Combined Cycle	100%	566	635
Russell City Energy Center <sup>(4)</sup>	WECC	CA	Combined Cycle	100%	572	619
Otay Mesa Energy Center	WECC	CA	Combined Cycle	100%	513	608
Metcalf Energy Center	WECC	CA	Combined Cycle	100%	584	625
Sutter Energy Center	WECC	CA	Combined Cycle	100%	542	578
Los Medanos Energy Center	WECC	CA	Cogen	100%	518	572
South Point Energy Center	WECC	AZ	Combined Cycle	100%	520	530
Los Esteros Critical Energy Facility	WECC	CA	Combined Cycle	100%	243	309
Gilroy Energy Center	WECC	CA	Simple Cycle	100%	-	141
Gilroy Cogeneration Plant	WECC	CA	Combined Cycle	100%	109	130
King City Cogeneration Plant	WECC	CA	Combined Cycle	100%	120	120
Wolfskill Energy Center	WECC	CA	Simple Cycle	100%	-	48
Yuba City Energy Center	WECC	CA	Simple Cycle	100%	-	47
Feather River Energy Center	WECC	CA	Simple Cycle	100%	-	47
Creed Energy Center	WECC	CA	Simple Cycle	100%	-	47
Lambie Energy Center	WECC	CA	Simple Cycle	100%	-	47
Goose Haven Energy Center	WECC	CA	Simple Cycle	100%	-	47
Riverview Energy Center	WECC	CA	Simple Cycle	100%	-	47
King City Peaking Energy Center	WECC	CA	Simple Cycle	100%	-	44
Agnews Power Plant	WECC	CA	Combined Cycle	100%	28	28
<b>Battery Storage Facilities</b>						
Santa Ana Storage Project <sup>(4)</sup>	WECC	CA	Battery Storage	100%	80	80
Nova Project [Phases I - IV] <sup>(8)</sup>	WECC	CA	Battery Storage	100%	620	620
Bear Canyon and West Ford Flat Projects <sup>(9)</sup>	WECC	CA	Battery Storage	100%	38	38
Subtotal					7,418	8,373
<b>TEXAS</b>						
Deer Park Energy Center	TRE	TX	Cogen	100%	1,116	1,217
Guadalupe Energy Center	TRE	TX	Combined Cycle	100%	1,049	1,040
Baytown Energy Center	TRE	TX	Cogen	100%	810	896
Channel Energy Center	TRE	TX	Cogen	100%	760	845
Pasadena Power Plant <sup>(5)</sup>	TRE	TX	Cogen/Combined Cycle	100%	763	781
Bosque Energy Center	TRE	TX	Combined Cycle	100%	770	792
Freestone Energy Center	TRE	TX	Combined Cycle	75%	809	776
Magic Valley Generating Station	TRE	TX	Combined Cycle	100%	682	712
Jack A. Fusco Energy Center	TRE	TX	Combined Cycle	100%	523	609
Corpus Christi Energy Center	TRE	TX	Cogen	100%	446	520
Texas City Power Plant	TRE	TX	Cogen	100%	400	453
Hidalgo Energy Center	TRE	TX	Combined Cycle	78.5%	413	395
Quail Run Energy Center	TRE	TX	Combined Cycle	100.0%	550	550
Gregory Energy Center <sup>(13)</sup>	TRE	TX	Combined Cycle	5.0%	19	19
Subtotal					9,110	9,605
<b>EAST</b>						
Bethlehem Energy Center <sup>(6)</sup>	RFC	PA	Combined Cycle	100%	960	1,130
Hay Road Energy Center <sup>(6)</sup>	RFC	DE	Combined Cycle	100%	931	1,130
York 2 Energy Center <sup>(6)</sup>	RFC	PA	Combined Cycle	100%	668	828
Morgan Energy Center	SERC	AL	Cogen	100%	720	807
Fore River Energy Center <sup>(6)</sup>	NPCC	MA	Combined Cycle	100%	750	731
Edge Moor Energy Center <sup>(6)</sup>	RFC	DE	Steam Cycle	100%	-	725
Granite Ridge Energy Center	NPCC	NH	Combined Cycle	100%	745	695
York Energy Center <sup>(6)</sup>	RFC	PA	Combined Cycle	100%	464	565
Westbrook Energy Center	NPCC	ME	Combined Cycle	100%	552	552
Greenfield Energy Centre <sup>(7)</sup>	NPCC	ON	Combined Cycle	100%	843	1,038
Zion Energy Center <sup>(6)</sup>	RFC	IL	Simple Cycle	100%	-	503
Pine Bluff Energy Center	SERC	AR	Cogen	100%	184	215
Cumberland Energy Center <sup>(6)</sup>	RFC	NJ	Simple Cycle	100%	-	191
Kennedy International Airport Power Plant <sup>(6)</sup>	NPCC	NY	Cogen	N/A	110	125
Sherman Avenue Energy Center <sup>(6)</sup>	RFC	NJ	Simple Cycle	100%	-	92
Bethpage Energy Center 3	NPCC	NY	Combined Cycle	100%	60	80
Bethpage Power Plant	NPCC	NY	Combined Cycle	100%	55	56
Christiana Energy Center	RFC	DE	Simple Cycle	100%	-	53
Bethpage Peaker	NPCC	NY	Simple Cycle	100%	-	48
Stony Brook Power Plant <sup>(6)</sup>	NPCC	NY	Cogen	100%	45	47
Tasley Energy Center	RFC	VA	Simple Cycle	100%	-	33
Delaware City Energy Center	RFC	DE	Simple Cycle	100%	-	23
West Energy Center	RFC	DE	Simple Cycle	100%	-	20
Bayview Energy Center	RFC	VA	Simple Cycle	100%	-	12
Crisfield Energy Center	RFC	MD	Simple Cycle	100%	-	10
Vineland Solar Energy Center	RFC	NJ	Renewable	100%	-	4
Subtotal					7,087	9,713
<b>Total operating power plants and battery storage facilities</b>		<b>78</b>			<b>23,614</b>	<b>27,691</b>
<b>Projects Under Construction</b>						
Nova Power Storage Project - Phase V <sup>(8)</sup>	WECC	CA	Battery Storage	100%	60	60
North Geysers Development <sup>(10)</sup>	WECC	CA	Renewable	100%	25	25
Pastoria Solar Project <sup>(11)</sup>	WECC	CA	Renewable	100%	105	105
Freestone Expansion Project <sup>(12)</sup>	TRE	TX		100%	-	425
<b>Total operating power plants, battery storage facilities and projects under construction</b>					<b>23,804</b>	<b>28,306</b>
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- Natural gas-fired fleet capacities are generally derived from as-built as-designed outputs, including upgrades, based on site specific annual average temperatures and average process
- Natural gas-fired fleet peaking capacities are primarily derived on as-built as-designed peaking outputs based on site specific average summer temperatures and include power enhancement features such as heat recovery steam generator duct-firing, gas turbine power augmentation, and/or other power augmentation features. For certain power plants with definitive contracts, capacities at contract conditions have been included. Oil-fired capacities reflect capacity test results. Battery storage capacity is based on installed MW.
- These outputs do not factor in the typical MW loss and recovery profiles over time, which natural gas-fired turbine power plants display associated with their planned major maintenance schedules.
- Santa Ana Storage Project is a four-hour duration battery installation comprised of three phases with a total capacity of 80 MW - Phase I - 20 MW/80 MWh, Phase II - 20 MW/ 80 MWh and Phase III - 40 MW/ 160 MWh
- Pasadena is comprised of 260 MW of cogen technology and 521 MW of combined cycle (non-cogen) technology.
- These power plants have dual-fuel capability.
- Prior to September 5, 2023, Calpine held a 50% partnership interest in Greenfield LP through its subsidiaries, and on September 5, 2023, we acquired the remaining 50% partners interest. The facility continues to be operated by a third party.
- The Nova Battery Storage Project is a four-hour duration battery installation comprised of five phases - Phase I reached commercial operation in the second quarter 2024 (230 MW/ 920 MWh), Phases II -IV reached commercial operation in the third quarter of 2024 (390 MW/1,560 MWh) and Phase V is currently under construction (60 MW/240 MWh).
- The Bear Canyon project is a four-hour duration battery installation (13 MW/52 MWh) and the West Ford Flat project is a four-hour duration battery installation (25 MW/100 MWh).
- North Geysers development represents a drilling expansion project expected to increase capacity at our Geysers Assets by 25 MW.
- Pastoria Solar Project is a solar photovoltaic power-generating facility up to 105 MW and is currently under construction.
- Freestone Energy Center is a new 425 MW peaking facility that will be adjacent to our Freestone Energy Center and is currently under construction.
- As of June 30, 2024, Calpine owns a 33% non-economic interest, and a 4.96% economic interest, in Gregory Power Holdings, LLC, a joint venture that owns a 385 MW combined cycle generation facility in Texas. We will continue to increase our economic interest up to 45% over time.