

Table of Operating Power Plants and Projects Under Construction as of:

June 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%                        | 835  | 857  |
| 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 [Phase I] <sup>(8)</sup>   | WECC        | CA                              | Battery Storage      | 100%                        | 230  | 230  |
| Subtotal  |             |                                 |                      |                             | 6,965  | 7,920  |
| <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  |
| Gregory Energy Center <sup>(13)</sup>   | TRE         | TX                              | Combined Cycle       | 4.9%                        | 19   | 19   |
| Subtotal  |             |                                 |                      |                             | 8,560  | 9,055  |
| <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>76</b>                       |                      |                             | <b>22,611</b>  | <b>26,688</b>  |
| <b>Projects Under Construction</b>  |             |                                 |                      |                             |  |  |
| Nova Power Storage Project - Phases II to IV <sup>(8)</sup>   | WECC        | CA                              | Battery Storage      | 100%                        | 390  | 390  |
| Bear Canyon and West Ford Flat Projects <sup>(9)</sup>  | WECC        | CA                              | Battery Storage      | 100%                        | 38   | 38   |
| North Geysers Development <sup>(10)</sup>   | WECC        | CA                              | Renewable            | 100%                        | 25   | 25   |
| Nova Power Storage Project - Phase V <sup>(8)</sup>   | WECC        | CA                              | Battery Storage      | 100%                        | 60   | 60   |
| Pastoria Solar Project <sup>(11)</sup>  | WECC        | CA                              | Renewable            | 100%                        | 105  | 105  |
| Freestone Expansion Project <sup>(12)</sup>   | TRE         | TX                              |                      | 100%                        | 425  | 425  |
| <b>Total operating power plants, battery storage facilities and projects under construction</b>                             |             |                                 |                      |                             | <b>23,654</b>  | <b>27,731</b>  |
| <b>Projects Under Advanced Development</b>  |             |                                 |                      |                             |  |  |
| None  |             |                                 |                      |                             |  |  |
| <b>Total operating power plants, battery storage facilities, projects under construction and under advanced development</b> |             |                                 |                      |                             | <b>23,654</b>  | <b>27,731</b>  |

(1) Natural gas-fired fleet capacities are generally derived on as-built as-designed outputs, including upgrades, based on site specific annual average temperatures and average process steam flows for cogeneration power plants, as applicable. Geothermal capacities are derived from historical generation output and steam reservoir modeling under average ambient conditions (temperatures and rainfall).

(2) 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.

(3) 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.

(4) 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