



## ADDENDUM TO THE 2020-2021 ESG REPORT

### Energy and Electrical Power

The following charts provide detailed information on our energy and electric usage.

### 2022 Energy Usage by GSWC

| Energy Type     | Gasoline       |                   | Diesel       |                | Natural Gas  |                | Electricity   |                    |               |                   | *Total Non-Renewable |                               | Total Energy<br>Megajoules |
|-----------------|----------------|-------------------|--------------|----------------|--------------|----------------|---------------|--------------------|---------------|-------------------|----------------------|-------------------------------|----------------------------|
|                 | Gallons        | Megajoules        | Gallons      | Megajoules     | Therms       | Megajoules     | Non-Renewable |                    | Renewable     |                   | Megajoules           | Total Renewable<br>Megajoules |                            |
|                 |                |                   |              |                |              |                | MWH           | Megajoules         | MWH           | Megajoules        |                      |                               |                            |
| Central         | 54,066         | 7,131,323         | 1,251        | 183,032        | 133          | 14,041         | 5,827         | 20,976,424         | 4,726         | 17,013,944        | 28,304,820           | 17,013,944                    | 45,318,764                 |
| Coastal         | 33,246         | 4,385,118         | 186          | 27,200         | 919          | 96,987         | 5,437         | 19,574,797         | 5,720         | 20,590,446        | 24,084,103           | 20,590,446                    | 44,674,548                 |
| Foothill        | 37,720         | 4,975,326         | 1,183        | 173,134        | 1,384        | 145,993        | 8,890         | 32,003,951         | 5,714         | 20,571,081        | 37,298,404           | 20,571,081                    | 57,869,485                 |
| General Office  | 12,507         | 1,649,713         | 562          | 82,166         | 232          | 24,476         | 521           | 1,877,352          | 270           | 970,892           | 3,633,708            | 970,892                       | 4,604,600                  |
| Mountain-Desert | 43,955         | 5,797,682         | 50           | 7,352          | 1,416        | 149,336        | 5,562         | 20,023,979         | 2,739         | 9,859,902         | 25,978,349           | 9,859,902                     | 35,838,250                 |
| Northern        | 25,661         | 3,384,747         | 247          | 36,199         | 1,718        | 181,220        | 3,166         | 11,397,203         | 2,367         | 8,522,809         | 14,999,369           | 8,522,809                     | 23,522,177                 |
| Orange County   | 34,828         | 4,593,822         | 234          | 34,281         | 286          | 30,125         | 5,234         | 18,843,672         | 2,406         | 8,660,951         | 23,501,901           | 8,660,951                     | 32,162,851                 |
| Southwest       | 39,046         | 5,150,138         | 378          | 55,366         | 684          | 72,162         | 2,904         | 10,455,442         | 2,334         | 8,403,817         | 15,733,108           | 8,403,817                     | 24,136,925                 |
| <b>Total</b>    | <b>281,030</b> | <b>37,067,869</b> | <b>4,092</b> | <b>598,730</b> | <b>6,771</b> | <b>714,341</b> | <b>37,542</b> | <b>135,152,821</b> | <b>26,276</b> | <b>94,593,840</b> | 173,533,760          | 94,593,840                    | 268,127,600                |
|                 |                |                   |              |                |              |                |               |                    |               |                   | <b>64.7%</b>         | <b>35.3%</b>                  |                            |

Therm = 105.5 Megajoules  
 kWh = 3.6 Megajoules  
 Gal of Gasoline = 131.9 Megajoules  
 Gal of Diesel = 146.3 Megajoules

\*Includes Gasoline, Diesel and Natural Gas

## 2022 Electricity Usage by GSWC

| Electricity Supplier   | 2022 Electricity Purchases by GSWC (MWh) | 2021 Greenhouse                          |                                    |                              |
|--|--|--|------------------------------------|------------------------------|
|  |  | Gas Emissions Intensity (lbs CO2e/MWh) * | 2021 Eligible Renewables Sources * | 2021 Non-renewable Sources * |
| Anaheim, City of   | 84                                       | 1167                                     | 35.9%                              | 64.1%                        |
| Apple Valley Choice Energy - Core Choice                                       | 458                                      | 557                                      | 36.5%                              | 63.5%                        |
| Central Coast Community Energy - 3CE Prime                                     | 1,516                                    | 0  | 100.0%                             | 0.0%                         |
| Clean Power Alliance of Southern California - 100% Green                       | 4,102                                    | 0  | 100.0%                             | 0.0%                         |
| Clean Power Alliance of Southern California - Clean Power                      | 8,376                                    | 501                                      | 40.6%                              | 59.4%                        |
| Clean Power Alliance of Southern California - Lean Power                       | 2,692                                    | 566                                      | 0.0%                               | 100.0%                       |
| Imperial Irrigation District   | 876                                      | 565                                      | 40.0%                              | 60.0%                        |
| LADWP - Green Power for Green LA   | 478                                      | 0  | 100.0%                             | 0.0%                         |
| LADWP Power Mix  | 1,121                                    | 609                                      | 35.2%                              | 64.8%                        |
| Marin Clean Energy - Light Green   | 309                                      | 75                                       | 60.5%                              | 39.5%                        |
| Pacific Gas and Electric Company - Base Plan                                   | 8,657                                    | 98                                       | 47.7%                              | 52.3%                        |
| SMUD - General Mix   | 3,786                                    | 462                                      | 29.6%                              | 70.4%                        |
| SMUD - Greenergy PartnerPlus   | 1,000                                    | 0  | 85.0%                              | 15.0%                        |
| Southern California Edison   | 30,365                                   | 580                                      | 31.4%                              | 68.6%                        |
| <b>Weighted Average (2021 Percent Renewable Sources applied to 2022 Usage)</b> |  | 431                                      | <b>41.2%</b>                       | <b>58.8%</b>                 |
| <b>TOTAL (MWh)</b>   | <b>63,819</b>                            |  | <b>26,276</b>                      | <b>37,542</b>                |

\* 2021 is the most recent year for which Emission Intensity and Percent Renewable data is available

## Water Recycling

Golden State Water Company (GSWC) utilizes recycled water supplies to serve recycled water customers in several service areas. The typical facilities served by recycled water are golf courses, cemeteries and industrial manufacturing. GSWC also participates in regional water reuse projects that utilize recycled water to replenish regional groundwater basins. For 2022, GSWC was assigned a benefit of using 5,513.6 Acre-feet of reuse water, which equaled 40% of our groundwater produced from a groundwater basin that was replenished with recycled water.

## **March 2023**