

2020

Green Power Annual Report



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Thank You, Program Partners

Thank you for your continued support of the Green Power for a Green LA (Green Power) program. LADWP is committed to providing clean renewable energy to the city of Los Angeles. By participating in the Green Power program you make the City of Los Angeles a cleaner and greener place to live, work and play.

Thank you again for participating in the Green Power Program.

Overview

The Green Power Program purchased 38,261 megawatt-hours (MWhs) of renewable energy for our Green Power customers in 2020. A portion of these costs were offset by LADWP's avoided generation costs.

This represents enough electricity, on average, to power over 7,363 homes in Los Angeles for one year. In addition, over 27,115 metric tons of carbon dioxide (CO₂) emissions were eliminated, which is equivalent to the greenhouse gas emissions from 5,897 passenger vehicles driven for one year.

Since the Green Power Program began in 1999 through year-end 2020, the program has provided over 1,322,914 MWhs of renewable energy to our customers. The Green Power Program met customer demand for renewable energy through purchases of 86% Wind and 14% Solar during the 2020 calendar year.

- ¹ LADWP average residential household uses approximately 5,196 kWhs (5.196 MWhs) of electricity per year (433 kWhs per month). 2020-21 Briefing Book.
- ² CO₂ emission reductions attributed to the United States Environmental Protection Agency (U.S. EPA) Greenhouse Gas Equivalencies Calculator, Updated March, 2021 (Source: U.S. EPA).

Statement of Revenue, Other Credits, Expenses

Los Angeles Department of Water and Power
Green Power For a Green LA
Statement of Revenues, Other Credits, Expenses
For the Twelve Months Ending December 31, 2020

| | |
|--|-----------------------|
| Residential Consumption (kWh) | 21,691,673 |
| Non Residential Consumption (kWh) | <u>16,569,479</u> |
| Total Consumption (kWh) | 38,261,152 |
| Residential Customers | 10,186 |
| Non Residential Customers | 381 |
| | |
| Revenue and Other Credits | |
| Renewable Energy Adjustment Factor Revenue | \$1,148,146.81 |
| Total Revenue and Other Credits | <u>\$1,148,146.81</u> |
| <hr/> | |
| Expenses | |
| Purchased Green Power | \$1,846,079.00 |
| Less: Energy Services Avoided Cost Credit | (\$1,537,416.00) |
| Administration Expense | \$44,452.14 |
| Marketing Expense | <u>\$0.00</u> |
| Total Expenses | \$353,115.14 |
| <hr/> | |
| Program Operating Income | <u>\$795,031.67</u> |
| Additional Charge per Ordinance | <u>\$17,655.76</u> |
| Over/(Under) Recovery of Program Expenses | <u>\$777,375.91</u> |
| <hr/> | |
| Cumulative Over-Recovery from December 2017 | \$5,649,409.28 |
| Cumulative Over-Recovery Through December 2018 | \$6,426,785.19 |

Green Power energy to meet customer demand was obtained through energy purchases

The cost for new Green Power is slightly higher than power generated from conventional sources, such as natural gas. Since the beginning of the Green Power Program, the premium charged to our customers for their participation has been \$0.03/kWh as determined by the Renewable Energy Option (REO) service rider.

EXHIBIT 7

| 2020 POWER CONTENT LABEL | | | | | | |
|---|-----------------------------|----------------------------|---|--------------------|-----------------------------|----------------------|
| LADWP | | | | | | |
| https://www.ladwp.com/powercontent | | | | | | |
| Greenhouse Gas Emissions Intensity (lbs CO ₂ e/MWh) | | | Energy Resources | LADWP Power Mix | Green Power for Green LA | 2020 CA Power Mix |
| LADWP Power Mix | Green Power for Green LA | 2020 CA Utility Average | Eligible Renewable¹ | 36.7% | 100.0% | 33.1% |
| 579 | 31 | 466 | Biomass & Biowaste | 0.1% | 0.0% | 2.5% |
| | | | Geothermal | 9.6% | 0.0% | 4.9% |
| | | | Eligible Hydroelectric | 1.7% | 0.0% | 1.4% |
| | | | Solar | 14.5% | 13.7% | 13.2% |
| | | | Wind | 10.8% | 86.3% | 11.1% |
| | | | Coal | 16.0% | 0.0% | 2.7% |
| | | | Large Hydroelectric | 5.4% | 0.0% | 12.2% |
| | | | Natural Gas | 27.9% | 0.0% | 37.1% |
| | | | Nuclear | 14.0% | 0.0% | 9.3% |
| | | | Other | 0.1% | 0.0% | 0.2% |
| | | | Unspecified Power² | 0.1% | 0.0% | 5.4% |
| TOTAL | | | | 100.0% | 100.0% | 100.0% |
| Percentage of Retail Sales Covered by Retired Unbundled RECs³: | | | | 1% | 0% | |
| <p>¹The eligible renewable percentage above does not reflect RPS compliance, which is determined using a different methodology.</p> <p>²Unspecified power is electricity that has been purchased through open market transactions and is not traceable to a specific generation source.</p> <p>³Renewable energy credits (RECs) are tracking instruments issued for renewable generation. Unbundled renewable energy credits (RECs) represent renewable generation that was not delivered to serve retail sales. Unbundled RECs are not reflected in the power mix or GHG emissions intensities above.</p> <p>The unbundled RECs retired in association with LADWP's 2020 electricity portfolios were sourced from eligible renewable energy generators using biogas, biomass, eligible hydroelectric, solar, wind and geothermal energy resources.</p> | | | | | | |
| For specific information about this electricity portfolio, contact: | | | Los Angeles Department of Water and Power 1-800-DIAL-DWP | | | |
| For general information about the Power Content Label, visit: | | | http://www.energy.ca.gov/pcl/ | | | |
| For additional questions, please contact the California Energy Commission at: | | | Toll-free in California: 844-454-2906 Outside California: 916-653-0237 | | | |