



**2019**

# **Green Power Annual Report**

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## Thank You, Program Partners

Thank you for your continual support of the Green Power for a Green LA (Green Power) Program. 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 40,550 megawatt hours (MWh) of renewable energy for our Green Power customers in 2019. A portion of these costs were offset by LADWP's avoided generation costs.

This represents enough electricity, on average, to power over 6,758 homes in Los Angeles for one year. In addition, over 28,670 metric tons of carbon dioxide (CO<sub>2</sub>) emissions were eliminated, which is equivalent to the greenhouse gas emissions from 6,194 passenger vehicles driven for one year.

The Green Power Program began in 1999, and through calendar year 2019, has provided over 1,284,653 MWh of renewable energy to our customers. The LADWP is committed to providing clean renewable energy to the City of Los Angeles.

The Green Power program met customer demand for renewable energy through 100% wind power purchased from the open market.

<sup>1</sup> LADWP average residential household uses approximately 6,000 kWh (6 MWh) of electricity per year (500 kWh per month). (Source: 2019-20 Briefing Book).

<sup>2</sup> CO<sub>2</sub> emission reductions attributed to the United States Environmental Protection Agency (U.S. EPA) Greenhouse Gas Equivalencies Calculator, Updated March 2020 (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, 2019

Residential Consumption (kWh)	19,698,623
Non Residential Consumption (kWh)	<u>20,851,135</u>
Total Consumption (kWh)	40,549,758
Residential Customers	10,742
Non Residential Customers	392
Revenue and Other Credits	
Renewable Energy Adjustment Factor Revenue	\$1,216,479.26
Total Revenue and Other Credits	<u>\$1,216,479.26</u>
Expenses	
Purchased Green Power	\$1,666,595.05
Less: Energy Services Avoided Cost Credit	(\$1,339,871.48)
Administration Expense	\$47,066.51
Marketing Expense	<u>\$0.00</u>
Total Expenses	<u>\$373,790.08</u>
Program Operating Income	<u>\$842,689.18</u>
Additional Charge per Ordinance	<u>\$18,689.50</u>
Over/(Under) Recovery of Program Expenses	<u>\$823,999.68</u>
Cumulative Over-Recovery from December 2017	\$4,872,033.36
Cumulative Over-Recovery Through December 2018	<u>\$5,696,033.04</u>

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 coal and 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.

<b>2019 POWER CONTENT LABEL</b>			
<b>Los Angeles Department of Water and Power</b>			
<b><a href="https://www.ladwp.com/powercontent">https://www.ladwp.com/powercontent</a></b>			
<b>ENERGY RESOURCES</b>	<b>2019 Power Mix</b>	<b>2019 Green Power for Green LA Power Mix</b>	<b>2019 CA Power Mix**</b>
<b>Eligible Renewable<sup>1</sup></b>	<b>34.1%</b>	<b>100%</b>	<b>31.7%</b>
Biomass & Biowaste	0.2%	0%	2.4%
Geothermal	8.9%	0%	4.8%
Eligible Hydroelectric	2.7%	0%	2.0%
Solar	12.5%	0%	12.3%
Wind	9.8%	100%	10.2%
<b>Coal</b>	<b>21%</b>	<b>0%</b>	<b>3%</b>
<b>Large Hydroelectric</b>	<b>4.1%</b>	<b>0%</b>	<b>14.6%</b>
<b>Natural Gas</b>	<b>27.2%</b>	<b>0%</b>	<b>34.2%</b>
<b>Nuclear</b>	<b>13.5%</b>	<b>0%</b>	<b>9.0%</b>
<b>Other</b>	<b>0%</b>	<b>0%</b>	<b>0.2%</b>
<b>Unspecified sources of power<sup>2</sup></b>	<b>0%</b>	<b>0%</b>	<b>7.3%</b>
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>Percentage of Retail Sales Covered by Retired Unbundled RECs<sup>3</sup></b>	<b>0.0%</b>	<b>0.0%</b>	
<p><sup>1</sup> The eligible renewable percentage above does not reflect RPS compliance, which is determined using a different methodology.</p> <p><sup>2</sup> Unspecified power is electricity that has been purchased through open market transactions and is not traceable to a specific generation source.</p> <p><sup>3</sup> Renewable 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><b>Some customers may be served by more than one electricity portfolio.</b></p>			
For specific information about this electricity product, contact:	<b>LADWP</b>  <b>1-800-DIAL-DWP</b>		
For general information about the Power Content Label, please visit:	<a href="http://www.energy.ca.gov/pcl/">http://www.energy.ca.gov/pcl/</a>		
For additional questions, please contact the California Energy Commission at:	Toll-free in California: 844-454-2906 Outside California: 916-653-0237		