



CITY OF GLENDALE, CALIFORNIA REPORT TO THE CITY COUNCIL

AGENDA ITEM

Report: Glendale Water and Power (GWP) Power Source Disclosure Report for Calendar Year 2021.

1. Motion to Note and File the GWP Power Source Disclosure Report for Calendar Year 2021

COUNCIL ACTION

Item Type: Consent Calendar

Approved for September 20, 2022 **Calendar**

EXECUTIVE SUMMARY

Annually, the City Council is asked to note and file the Power Source Disclosure (PSD) Report and associated Power Content Label (PCL) produced under the California Energy Commission's Power Source Disclosure program. The PCL provides a detailed view into GWP's sources of power supply that serves its customers and how it compares to California's "grid average" power mix. Inventoried and independently verified, GWP produces a PCL to enhance the transparency of its power supply portfolio in an easy to understand format. The PCL is released each fall for the prior calendar year and presented to City Council.

COUNCIL PRIORITIES

Environmental Stewardship: GWP is continuously working towards providing cost-effective and sustainable energy to its commercial, business, and residential customers to meet the renewable and clean energy procurement and emission reduction goals.

RECOMMENDATION

Note and file this GWP Power Source Disclosure Report and associated Power Content Label for Calendar Year 2021.

BACKGROUND

The Power Source Disclosure (PSD) program, as established through Senate Bill No. 1305 and Assembly Bill 162 requires electricity retail suppliers in California to annually disclose the sources of the electricity sold to consumers using a format developed by the California Energy Commission (CEC), referred to as the Power Content Label (PCL).

Under the PSD program, GWP is required to:

- 1) submit, to the CEC, an annual Power Source Disclosure (PSD) report detailing all the specified and unspecified sources of power purchased and sold that served retail customers, by facility name, fuel type (i.e. Natural Gas, Geothermal, Hydro, Solar, etc.), and corresponding GHG Emissions by June 1st.
- 2) make the Power Content Label (PCL) available to GWP consumers that discloses the fuel mix and GHG Emissions intensity data by October 1st.
- 3) submit, to the CEC, a report prepared by an auditor and attestation of the veracity of the PSD and PCL reports by the City Council by September 30th.

ANALYSIS

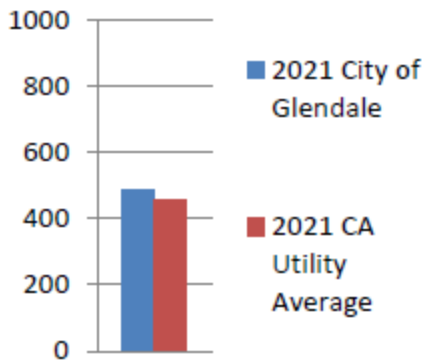
The Annual Power Source Disclosure report and associated Power Content Label is prepared using the same Open Access Technology International (OATI) electronic tagging information (e-tags), metered generation, and load data that is obtained by GWP staff for financial settlements. The data collected is also used for Renewable Portfolio Standard (RPS) and Greenhouse Gas (GHG) tracking and reporting purposes.

On June 1, 2022, GWP staff submitted the annual PSD report for calendar year 2021 to the CEC. A revised PSD report (Exhibit A) was re-submitted to the CEC on August 3, 2022 to account for retired unbundled RECS.

The 2021 annual PSD and PCL reports have been verified by an independent auditor for accuracy and completeness, and it was concluded that all procedures were performed in accordance with the regulation.

Glendale's 2021 Power Content Label

Percentages are provided annually by the CEC based on the electricity sold to California consumers during the identified year. The City of Glendale 2021 PCL will be posted on the GWP website and mailed to each utility customer, as bill inserts, by October 1, 2022.

Greenhouse Gas Emissions Intensity (lbs CO ₂ e/MWh)		Energy Resources	2021 Glendale Power Mix	2021 CA Power Mix
2021 City of Glendale	2021 CA Utility Average	Eligible Renewable¹ Biomass & Biowaste Geothermal Eligible Hydroelectric Solar Wind Coal Large Hydroelectric Natural Gas Nuclear Other Unspecified Power² TOTAL	35.3%	33.6%
489	456		14.1%	2.3%
			3.6%	4.8%
			8.3%	1.0%
			0.0%	14.2%
			9.2%	11.4%
			3.5%	3.0%
			21.4%	9.2%
			31.3%	37.9%
			8.4%	9.3%
			0.0%	0.2%
			0.0%	6.8%
		100.0%	100.0%	
Percentage of Retail Sales Covered by Retired Unbundled RECs ³ :		0%		

¹ The eligible renewable percentage above does not reflect Renewable Portfolio Standard compliance, which is determined using a separate methodology.

² Unspecified power is electricity that has been purchased through open market transactions and is not traceable to a specific generation source.

³ Renewable Energy Credits (RECs) are tracking instruments issued for renewable generation. Unbundled 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.

In 2021, GWP's renewable percentage is 35.3%, which is a 4.65% decline compared to the previous year. This is mainly due to the delayed commercial operation of the Star Peak Geothermal project.

2,114 unbundled RECs generated from GWP's incentivized PV rooftop solar were retired for Renewable Portfolio Standard compliance during this reporting period, which represents 0.2% of GWP's retail sales.

The City of Glendale continues to exceed the State of California in providing renewable and clean power to its customers. GWP anticipates an increase in percentages for geothermal and solar power as the projects come online.

CONTRACT DASHBOARDS

Not Applicable.

STAKEHOLDERS/OUTREACH

Not Applicable.

FISCAL IMPACT

Printing and distribution of the Power Content Label is estimated at \$4,000. Funds for this are available in the FY 2022-23 per table below:

Amount	Account String	Funding Source
\$4,000	43110-5820-GWP-4680-P0000-T1981-F1500	Electric Works Revenue Fund

ENVIRONMENTAL REVIEW

Not Applicable.

CAMPAIGN DISCLOSURE

Not Applicable.

ALTERNATIVES

Alternative 1: Note and file the GWP Power Source Disclosure Report for Calendar Year 2021.

Alternative 2: Consider any other alternative not proposed by staff.

ADMINISTRATIVE ACTION

Prepared by:

Chie Valdez, Integrated Resource Planning Administrator
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Approved by:

Roubik R. Golanian, P.E., City Manager

EXHIBITS / ATTACHMENTS

Exhibit A: Annual Power Source Disclosure Report