



CITY OF GLENDALE, CALIFORNIA REPORT TO THE CITY COUNCIL

AGENDA ITEM

Report: Glendale Water and Power (GWP) Power Source Disclosure Report and Power Content Label for Calendar Year 2023.

1. Motion to Note and File the GWP Power Disclosure Report and Power Content Label for Calendar Year 2023.

COUNCIL ACTION

Item Type: Action Item

Approved for November 19, 2024 **calendar**

EXECUTIVE SUMMARY

Each year, the City Council reviews and files the Power Source Disclosure (PSD) Report and the accompanying Power Content Label (PCL), which are generated as part of the California Energy Commission's (CEC) Power Source Disclosure program. The PCL offers a comprehensive breakdown of GWP's power supply sources serving its customers and how these compare to California's "grid average" power mix. The data is inventoried and independently verified, ensuring transparency in GWP's power supply portfolio. The PCL is published each fall, covering the previous calendar year, and is presented to the City Council.

RECOMMENDATION

Note and file this GWP PSD Report and associated PCL for Calendar Year 2023.

ANALYSIS

The annual PSD Report, which is attached to this Report as Exhibit A, and associated PCL, which is attached to this Report as Exhibit B, is prepared using the same Open Access Technology International (OATI) electronic tagging information (e-tags), Western Renewable Energy Generation Information System (WREGIS) renewable energy credits (RECs), 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 21, 2024, GWP submitted the annual PSD report for calendar year 2023 to the CEC. A revised PSD report (Exhibit A) was re-submitted to the CEC on September 11, 2024, after all the MWh were verified.

The 2023 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 CEC regulations.

Glendale’s 2023 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 2023 PCL was posted on the GWP website on October 1, 2024.

<https://www.glendaleca.gov/government/departments/glendale-water-and-power/about-us/power-content-label>.

The PCL will also be mailed to each utility customer as a bill insert from October 23, 2024 through December 23, 2024.

2023 POWER CONTENT LABEL				
Glendale Water and Power				
www.GlendaleCA.gov/PowerContentLabel				
Greenhouse Gas Emissions Intensity (lbs CO₂e/MWh)		Energy Resources	Glendale Water and Power	2023 CA Power Mix
Glendale Water and Power	2023 CA Utility Average	Eligible Renewable¹	35.3%	36.9%
515	373	Biomass & Biowaste	0.0%	2.1%
		Geothermal	8.8%	4.8%
		Eligible Hydroelectric	1.6%	1.8%
		Solar	16.8%	17.0%
		Wind	8.1%	11.2%
		Coal	1.6%	1.8%
		Large Hydroelectric	8.8%	11.7%
		Natural Gas	32.5%	36.6%
		Nuclear	11.0%	9.3%
		Other	0.0%	0.1%
		Unspecified Power²	10.9%	3.7%
TOTAL			100.0%	100.0%
Percentage of Retail Sales Covered by Retired Unbundled RECs³:			< 1 %	
¹ The eligible renewable percentage above does not reflect RPS compliance, which is determined using a different 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 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.				
For specific information about this electricity portfolio, contact:		Glendale Water and Power 855-550-4497		
For general information about the Power Content Label, visit:		https://www.energy.ca.gov/programs-and-topics/programs/power-source-disclosure-program		

In 2023, GWP’s renewable percentage was 35.3%, which maintains our position from 2022 (35.2%). GWP remains impacted by a delay in commercial operation date (COD) and an underproduction of various renewable energy resources such as geothermal plants Star Peak and Whitegrass.

In 2023, GWP observed an increase in the use of unspecified power sources due to the ongoing demolition and new construction of the Grayson Power Plant. As the plant undergoes construction, the temporary reduction in local generation capacity has demanded greater reliance on external unspecified power to meet the community's energy needs. In contrast, during 2022, the Grayson Power Plant was still operational, providing consistent energy output that significantly reduced the need for unspecified power. The increase of unspecified power will continue until the completion of the new Scholl Canyon Biogas Project and new Grayson Power Plant facility, which are currently scheduled for summer of 2025 and summer of 2026, respectively.

A total of 798 unbundled RECs generated from GWP's incentivized photovoltaic (PV) rooftop solar installations were retired for Renewable Portfolio Standard compliance during this reporting period, representing 0.1% of GWP's retail sales.

The City of Glendale has continued to make significant strides in achieving clean energy goals, reaching an impressive 55.1% clean energy generation in 2023. This achievement is largely due to our Renewable Portfolio Standards (RPS) sources, as well as clean energy from large hydroelectric and nuclear power facilities. By maintaining this commitment to clean power, the City of Glendale continues to exceed California's clean energy mandates, consistently providing its customers with clean energy.

STAKEHOLDERS/OUTREACH

Not Applicable.

FISCAL IMPACT

The printing and distribution of the Power Content Label is estimated to cost \$4,000. As this was included as part of the FY2024-2025 approved budget, no new appropriation is being requested at this time. The funding is outlined below:

Existing Appropriation		
Amount	Account String	Funding Source
\$4,000	43110-5820-GWP-4680	Electric Works Revenue Fund

ENVIRONMENTAL REVIEW (CEQA/NEPA)

Not Applicable as the action herein is to note and file a report and is not a project for the purposes of the California Environmental Quality Act (CEQA).

CAMPAIGN DISCLOSURE

Not Applicable.

ALTERNATIVES TO STAFF RECOMMENDATION

Alternative 1: Consider any other alternative not proposed by staff.

ADMINISTRATIVE ACTION

Submitted by:

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Prepared by:

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Approved by:

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

EXHIBITS/ATTACHMENTS

Exhibit A: Annual Power Source Disclosure Report

Exhibit B: Annual Power Content Label