



**CAC Item C5
Staff Report Item 12**

To:	Ava Community Energy Authority
From:	Izzy Carson
Subject:	Informational Report on 2024 Power Content
Date:	October 22, 2025

Summary

Staff will be providing information on Ava’s 2024 Power Source Disclosure Report (PSDR) and 2024 Power Content Label (PCL).

Background and Discussion

The California State Legislature passed Senate Bill (SB) 1305 in 1997, establishing the Power Source Disclosure Program in order to provide retail electricity consumers “accurate, reliable, and simple to understand information on the sources of energy that are used to provide electric services.” Assembly Bill (AB) 162, adopted in 2009, modified the reporting requirements of SB 1305. AB 162 requires all retail suppliers of electricity in California (CA) to disclose the sources of the electricity they sell to customers using reporting formats developed by the California Energy Commission (CEC). In 2016, AB 1110 was passed which further modified the PSDR reporting requirements, including among other things, changes to reporting for unbundled Renewable Energy Credits (RECs) and requiring retail sellers to disclose the greenhouse gas (GHG) emissions factor associated with each electricity portfolio. The CEC updated the regulations implementing SB 1305, AB 162, and AB 1100 effective May 2020.

For each year’s filing, Ava Community Energy (Ava) is required to 1) submit an Annual Report (the PSDR) to the CEC detailing its actual resource mix for the previous calendar year, and 2) provide an annual PCL to customers showing the percentage breakdown by resource type.

Under the CEC’s regulations, private retail electricity suppliers must engage an auditor to verify the accuracy and completeness of data submitted to the CEC in the PSDR; however, public

agencies are allowed to provide a self-attestation or engage an auditor. In 2024, at the May 1st Executive Committee meeting, the Ava Board requested that Ava fulfill its PSDR reporting obligation through engagement with an auditor.




For the 2024 PSDR filing, Ava engaged a consultant to perform an audit of the Bright Choice and Renewable 100 product annual reports. The audit procedure involved validation of facility information, retail sales, generation and retirement data, invoicing and contractual verification, and overall mathematical accuracy within the report. Ava's 2024 PSDR audit was completed on October 1st 2025 and provided to the CEC with no exceptions found to the filing.

Power Source Disclosure Report and Power Content Label

Each year Ava reports electricity purchases and retail sales to the CEC through the PSDR. The PSDR contains a breakdown of energy purchases over a calendar year for each retail plan and is counted as a percent of total sales by source. The CEC uses these reports from each electricity retail seller serving load in CA to generate a total CA system power mix by source.

In addition, Ava discloses to its customers the power mix for each retail plan alongside the CA power mix on the PCL. The PCL allows customers to compare their power content to the total California power mix and to other electricity providers and is provided to customers through a mailer and posted on the Ava webpage. AB 1110 and the CEC's regulations also require electricity suppliers to disclose the GHG emissions intensity associated with its electricity sources for the previous calendar year. The GHG emissions factor can only be reported through the PCL and not on any third-party platform.

Table 1: Ava's 2024 Power Content Label data

2024 POWER CONTENT LABEL			
Ava Community Energy			
	Bright Choice	Renewable 100	CA Utility Average
Greenhouse Gas Emissions Intensity (lbs of CO ₂ e emitted per megawatt hour)	221	0	359
Electricity Sources ■ Renewables and Zero-Carbon Resources ■ Fossil Fuels and Unspecified Power			
RPS Eligible Renewables	62%	100%	45%
Biomass & Biogas	10%	0%	2%
Geothermal	1%	0%	5%
Eligible Hydroelectric	2%	0%	2%
Solar	18%	77%	23%
Wind	31%	23%	14%
Large Hydroelectric	34%	0%	10%
Nuclear	0%	0%	11%
Emerging Technologies	0%	0%	0%
Other	0%	0%	0%
Natural Gas	0%	0%	10%
Coal & Petroleum	0%	0%	2%
Unspecified Power (primarily fossil fuels)	4%	0%	22%
Total	100%	100%	100%

Methodology

In preparing the PSDR, staff populates the template with electricity purchases from generation that occurred during the calendar year. Delivered RECs are tracked using the Western Renewable Energy Generation Information System (WREGIS), and carbon free purchases including electricity from Large Hydroelectric generation is tracked using either meter data or E-tags. The E-tags trace the generation from the source to the delivery location. All the purchased generation is compared against invoices for accuracy, and retail sales are counted using the settlement quality meter data from our accounting service which is Ava's system of record for sales. The complete PSDR is then reviewed internally to ensure accuracy in reporting prior to submission to the CEC.

Committee Recommendation

Not applicable

Financial Impact

Not applicable

Attachments

Not applicable