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VCE Community Advisory Committee Meeting – December 19, 2024

Item 6 – Power Portfolio Update



PUBLIC COMMENTS

To Provide Public Comment on any agenda item please:

- E-mail 300 words or less to: meetings@valleycleanenergy.org

OR

Join the Public Comment Queue by

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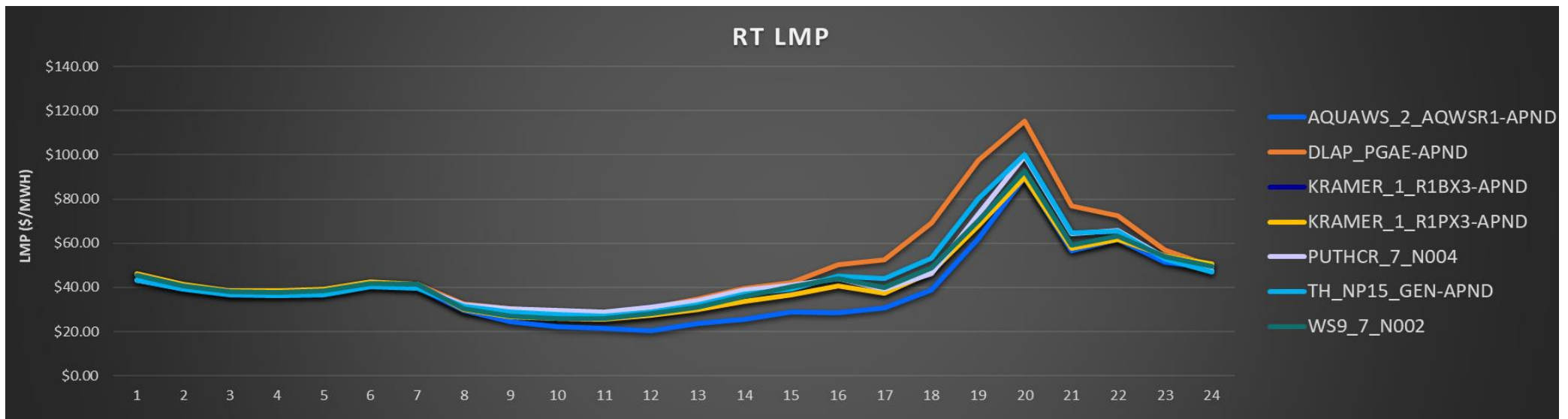
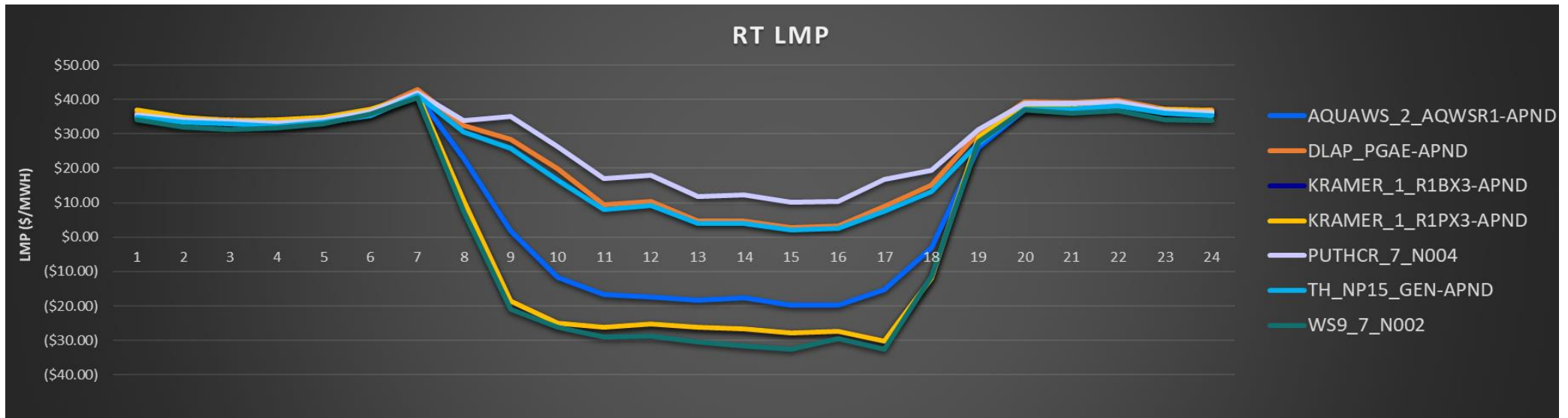
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Emailed comments received **before** the item has concluded will be read into the record.

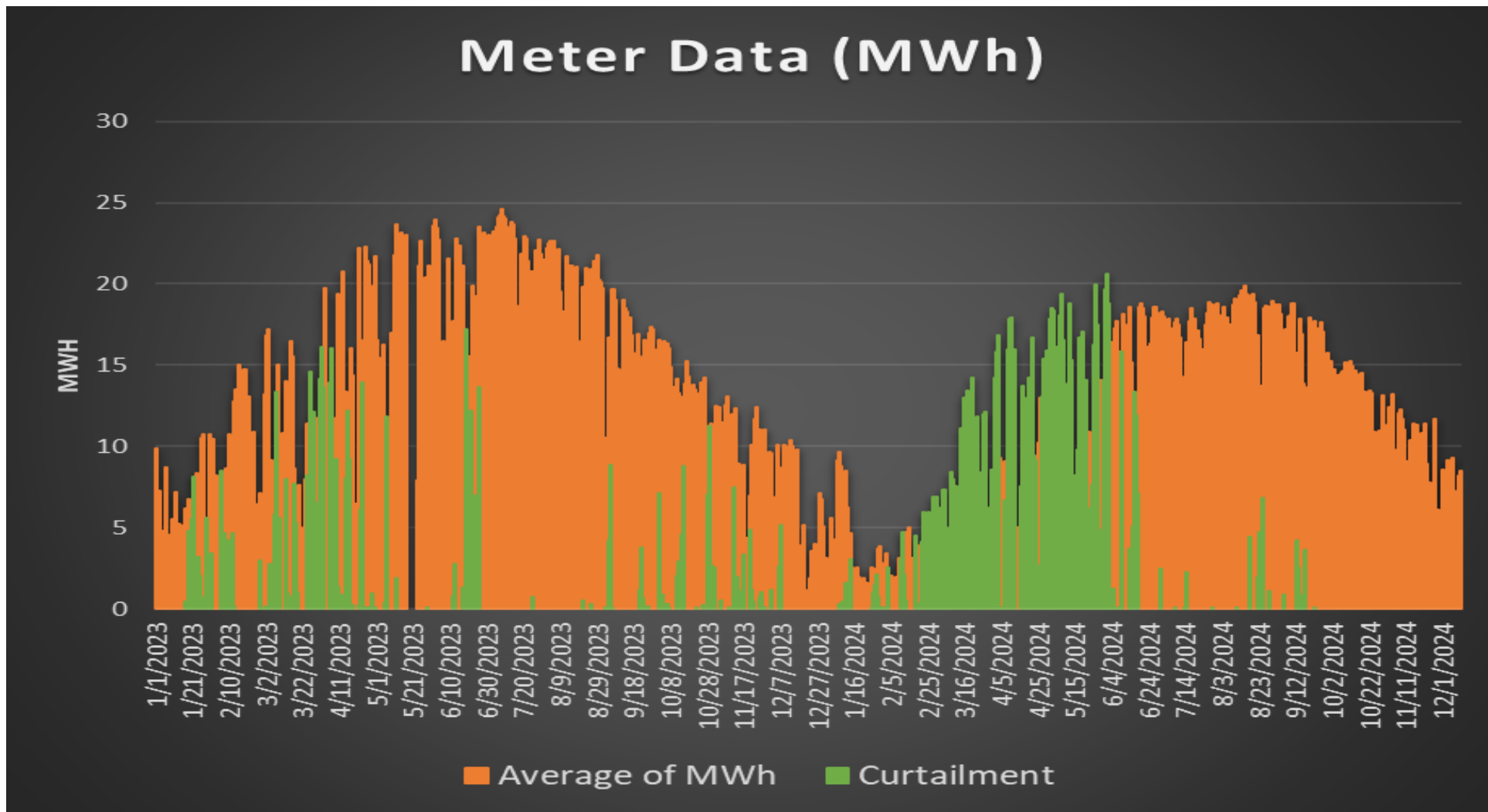
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Item 6 – Power Portfolio Update: LMP's (April / July)

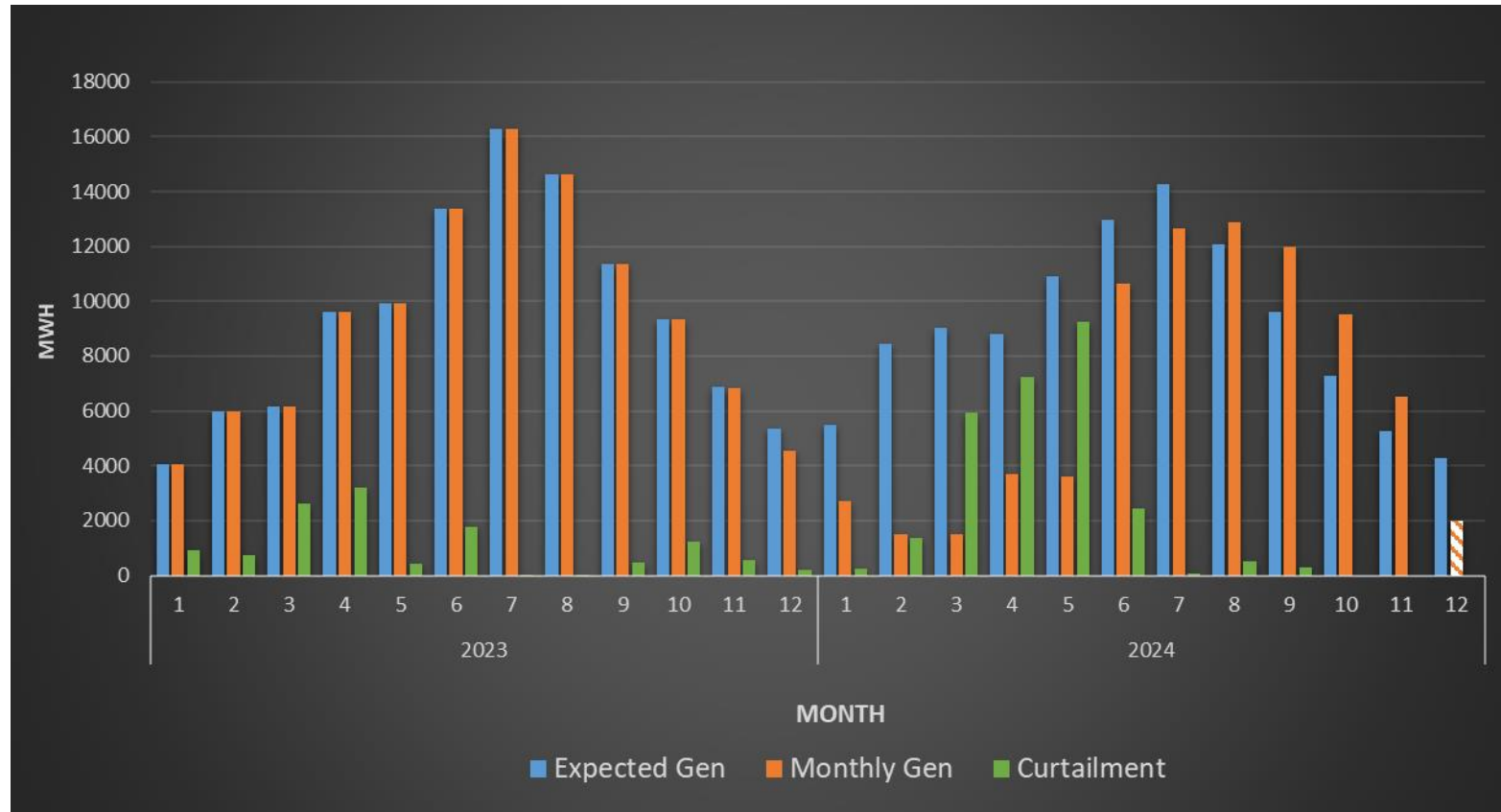


Note: "LMP" = Locational Marginal Price

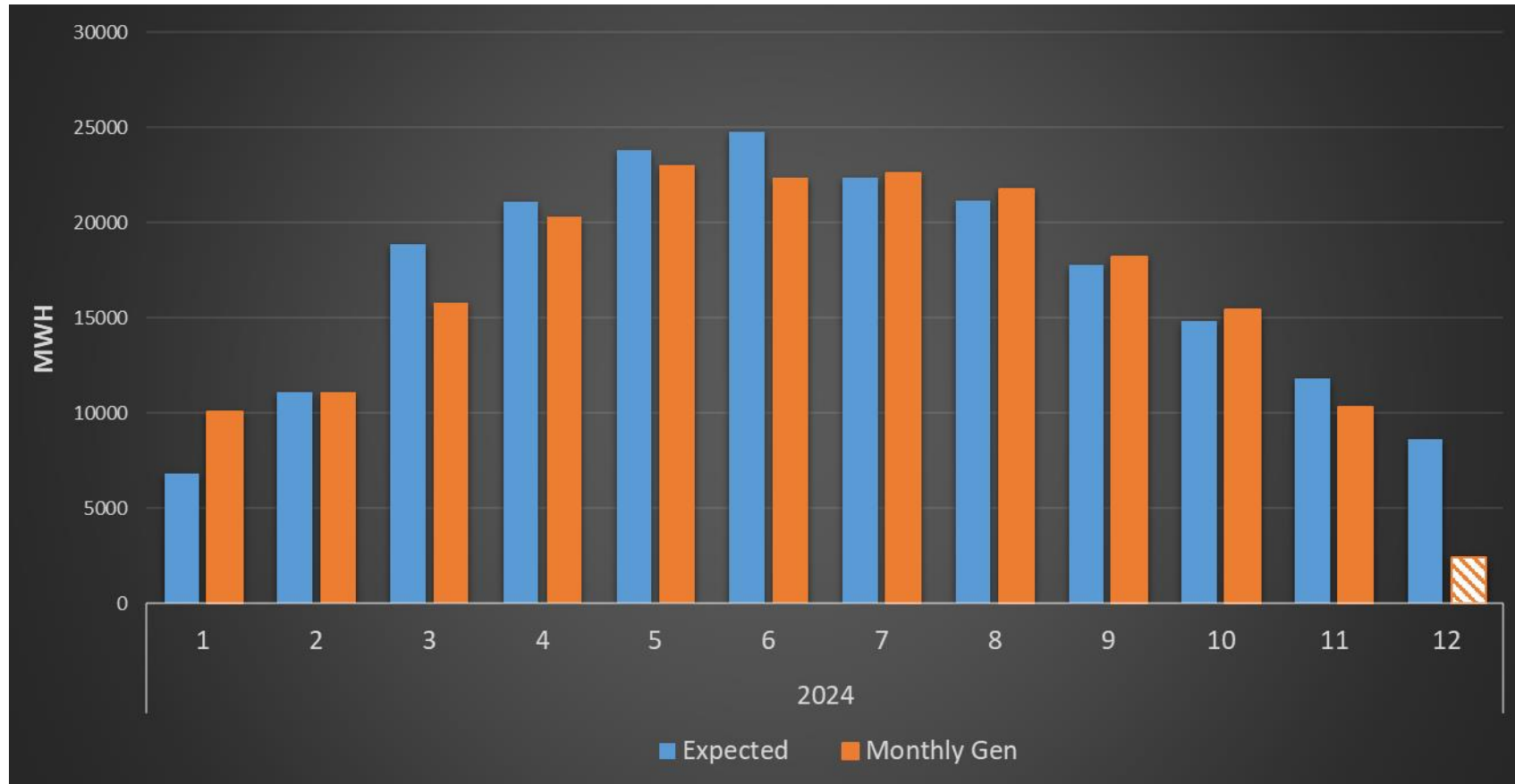
Item 6 – Power Portfolio Update: Aquamarine



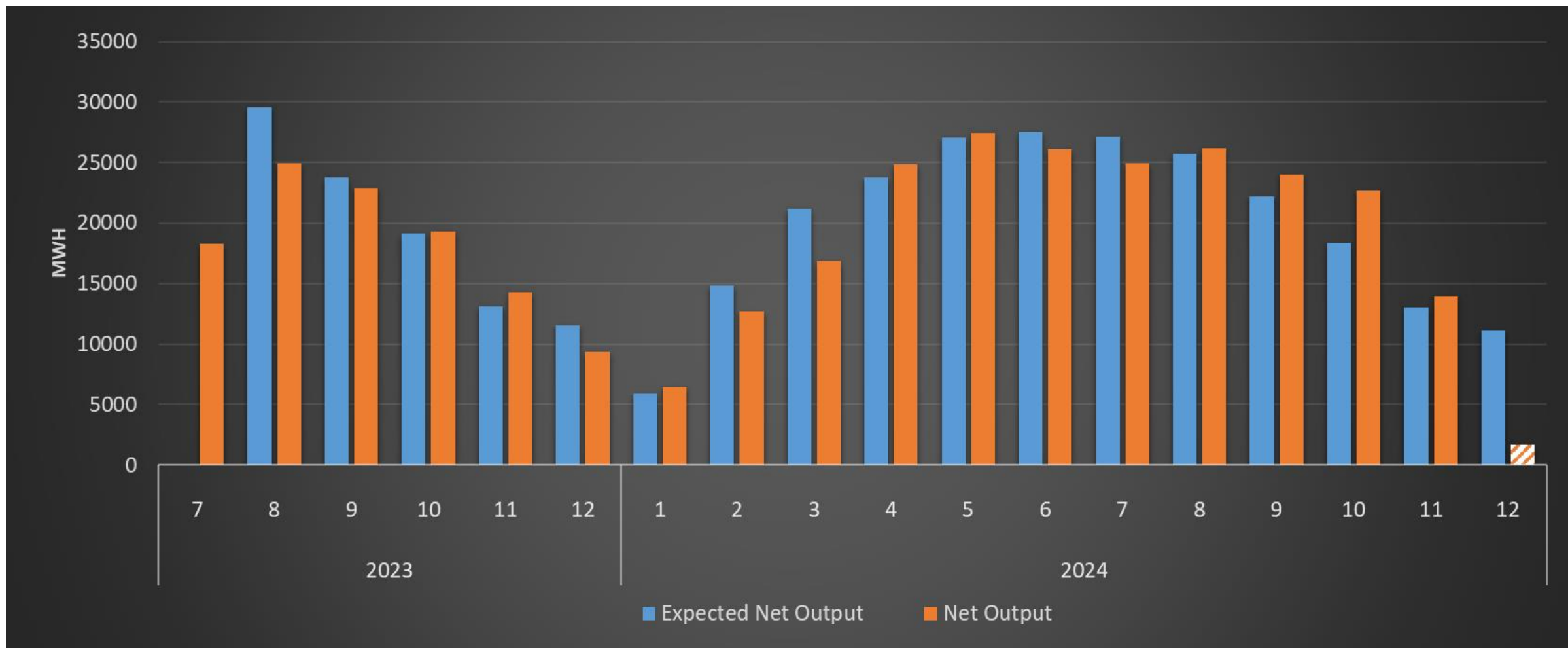
Item 6 – Power Portfolio Update: Aquamarine



Item 6 – Power Portfolio Update: Willy 9 Chap 2

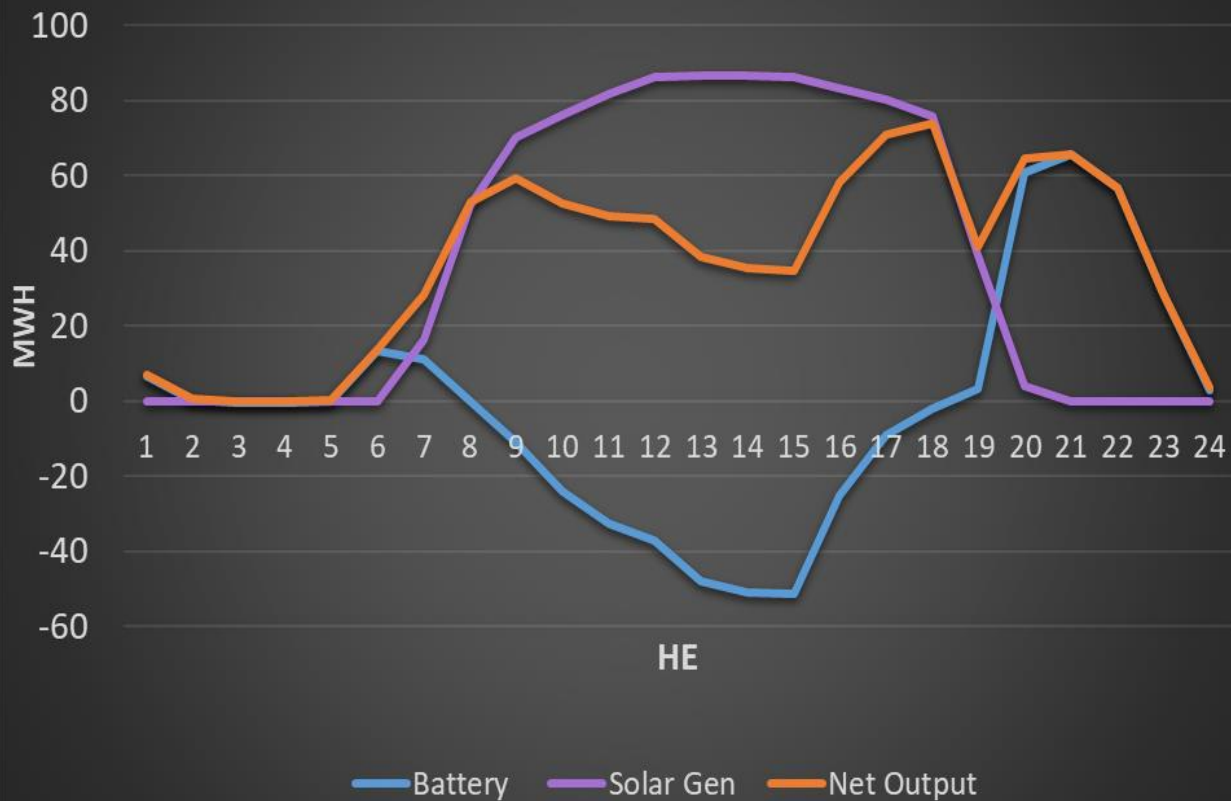


Item 6 – Power Portfolio Update: Resurgence

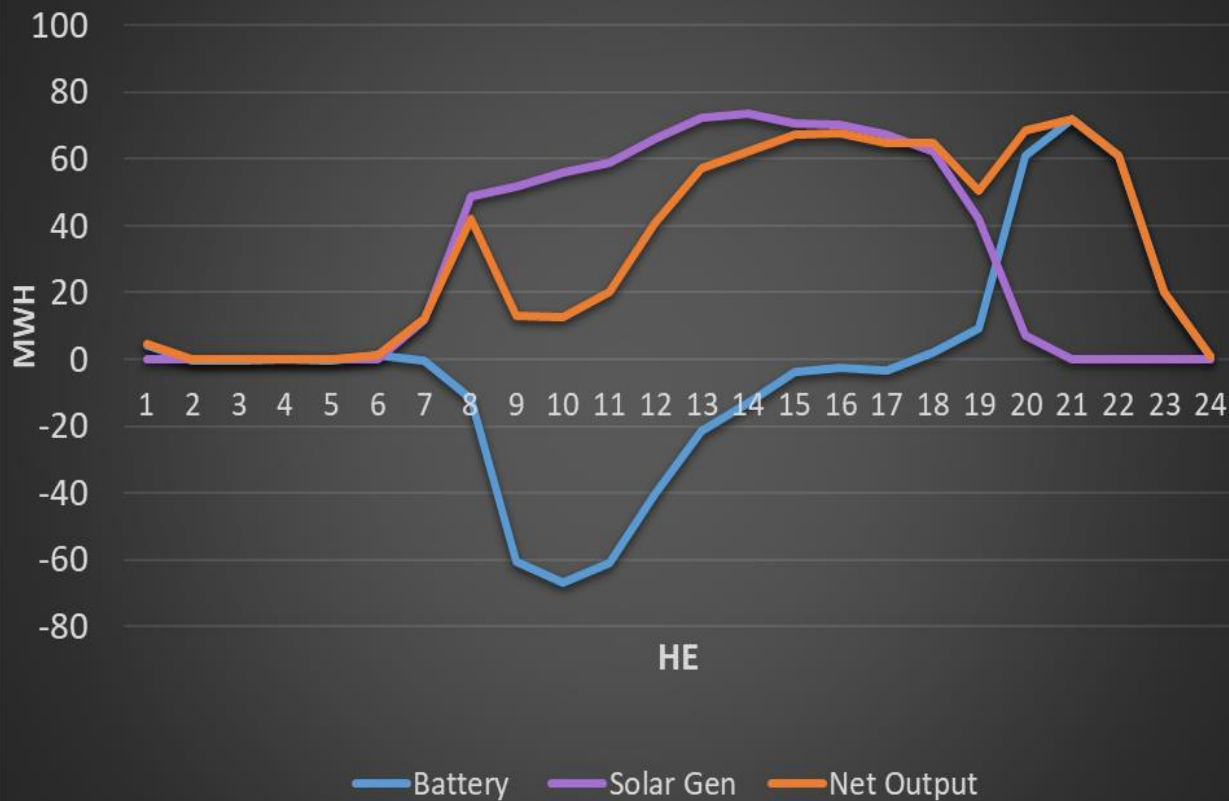


Item 6 – Power Portfolio Update: Resurgence

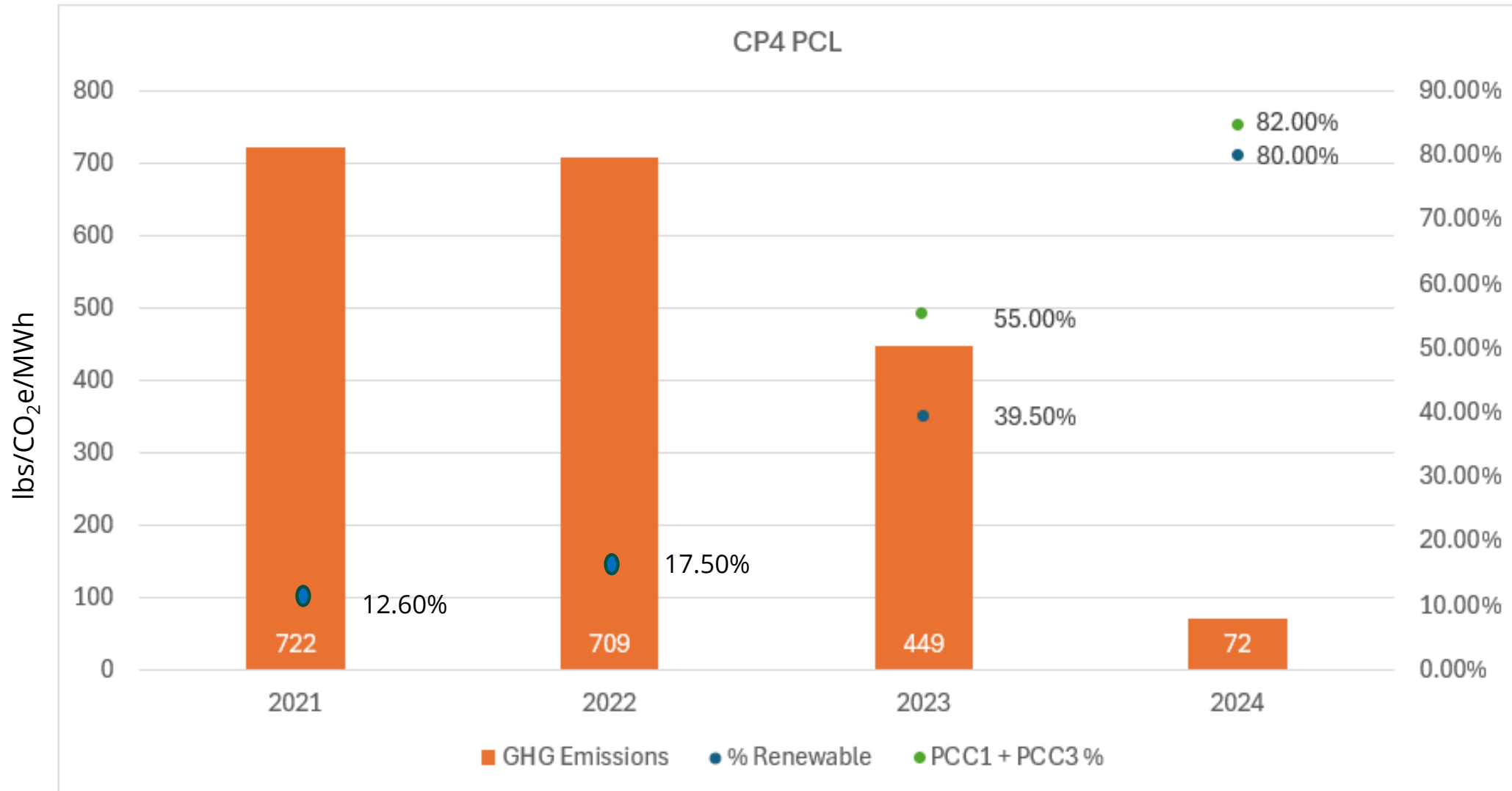
April Hourly Avg (MWh)



July Hourly Avg (MWh)

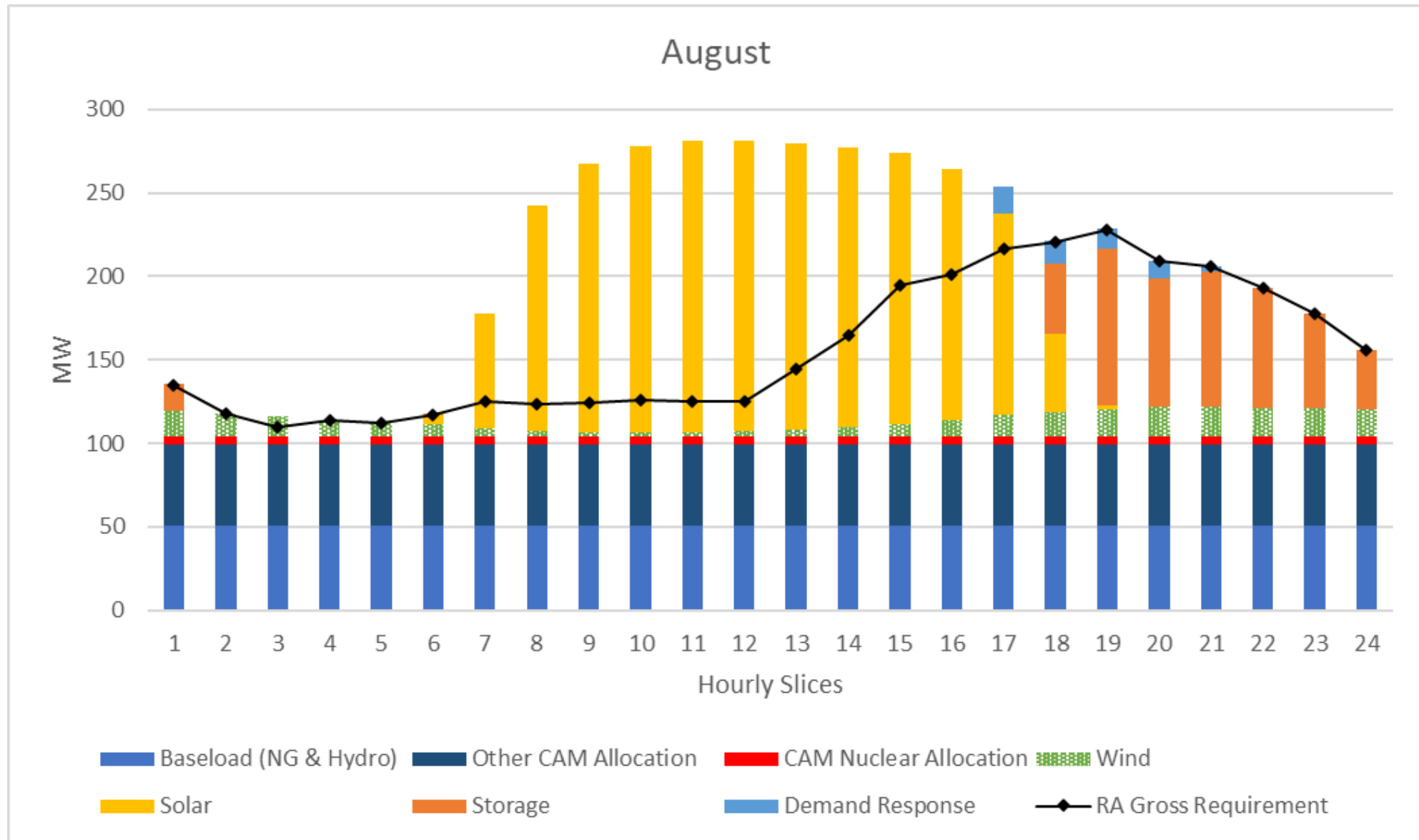


Item 6 – Power Portfolio Update: Compliance Period 4



Note: 2021-2023 are the actual power content label ("PCL") values. 2024 is a projection.

Item 6 – Power Portfolio Update: 2025 Slice of Day (SOD)



Item 6 – Power Portfolio Update: Takeaways

- By design, VCE has successfully navigated compliance period 4
 - Strategically having lower renewable % in the early years and higher percentages in the later years utilizing VCE's PPAs
 - Resulted in lower costs for VCE's customers
- Generally, VCE's PPAs are performing as expected
 - Anticipating Willy 9 Chap 2 BESS to be on-line in Q1 2025
- VCE's utility-scale procurement for the foreseeable future consists of stand-alone BESS, wind and baseload (most likely geothermal).
 - Wind and geothermal energy will play a role in VCE achieving 100% renewable target by 2030
 - The path to 100% will not be linear. Individual years may see renewable increases (e.g. PPA comes on-line) or a step down (e.g. capitalizing on market conditions to sell RECs)
- SOD needs will play a role resource selection



VCE Community Advisory Committee Meeting – December 19, 2024

Item 7 – 2023 Power Content Label (PCL) Outreach Information



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Item 7 – 2023 Power Content Label (PCL) Outreach Information

Overview

- CEC-mandated customer communication to all current customers about the power content from VCE's portfolio in 2023. Meant to be similar to a “nutrition label” to inform customers on the renewable content of the power they consumed. Mailer must be sent to email/mail by January 31, 2025.
- What's new in 2024: this year's version will contain some marketing information. It will contain more design and VCE branding, as well as notification on VCE's upcoming rates discounts.
- Customers will be able to access information in Spanish.

Item 7 – 2023 Power Content Label (PCL) Outreach Information

Power Content Label (PCL) Front Page



**Ready to go
ELECTRIC?
VCE is here to
help you!**



PRSRST STD
US POSTAGE
PAID
SACRAMENTO, CA
PERMIT #1890

Let us help you make the most informed decisions when going electric.
Call **(855) 699 - 8232** or scan the QR code to connect with us online!
¡Llámanos para contactarnos en español!



Why am I receiving this notice?
VCE is required by the California Energy Commission to send this information to customers who receive VCE electric service. The Power Content Label illustrates the content of the power you buy, compared to the standard Power Mix in California.

Item 7 – 2023 Power Content Label (PCL) Outreach Information

Will contain information about VCE's Jan 1 rate discounts: 10% discount for low-income and 5% for other customers

2023 POWER CONTENT LABEL								
Valley Clean Energy Alliance								
https://valleycleanenergy.org/power-sources-2/								
Greenhouse Gas Emissions Intensity (lbs CO ₂ e/MWh)				Energy Resources	Standard Green	UltraGreen	Base Green	2023 CA Power Mix
Standard Green	UltraGreen	Base Green	2023 CA Utility Average	Eligible Renewable ¹	39.5%	100.0%	26.3%	36.9%
449	0	695	373	Biomass & Biowaste	0.0%	0.0%	0.0%	2.1%
				Geothermal	0.0%	0.0%	0.0%	4.8%
				Eligible Hydroelectric	0.3%	42.9%	0.0%	1.8%
				Solar	39.2%	57.1%	26.3%	17.0%
				Wind	0.0%	0.0%	0.0%	11.2%
				Coal	0.0%	0.0%	0.0%	1.8%
				Large Hydroelectric	12.9%	0.0%	0.0%	11.7%
				Natural Gas	0.0%	0.0%	0.0%	36.6%
				Nuclear	0.0%	0.0%	0.0%	9.3%
				Other	0.0%	0.0%	0.0%	0.1%
				Unspecified Power ²	47.6%	0.0%	73.7%	3.7%
TOTAL				100.0%	100.0%	100.0%	100.0%	
Percentage of Retail Sales Covered by Retired Unbundled RECs ³ :					16%	0.0%	16%	
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				Valley Clean Energy Alliance 1-855-699-8232				
For general information about the Power Content Label, visit:				https://www.energy.ca.gov/programs-and-topics/programs/power-source-disclosure-program				

Power Content Label (PCL) Back Page

Disponible en español en línea. <https://valleycleanenergy.org/es/etiquetas-de-contenido-de-energia/>

