Valley Clean Energy Board of Directors Meeting – Thursday, July 9, 2026

Item 12 – Approve VCE’s 2026 Integrated Resource Plan (IRP)

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Item 12 – Approve VCE's 2026 Integrated Resource Plan (IRP)

Agenda

- Overview
- Process
- Results
- Future Procurement
- Recommendation
- Next Steps

Item 12 – Approve VCE's 2026 Integrated Resource Plan (IRP)

Overview

- Staff recommends that the Board approve the submission to the California Public Utilities Commission (CPUC) of the 2026 Integrated Resource Plan (IRP).
- The 2026 IRP is compliant with filing requirements.
- The IRP is a valuable tool in informing CPUC and Valley Clean Energy (VCE) planning and procurement. Actual procurement will differ from the portfolio modeled in the IRP depending on a variety of factors.
- The IRP is due to be filed at the CPUC on August 10, 2026. The CPUC's original target date for the IRP was 2024, but was delayed as the CPUC considered ongoing legislative and regulatory activities.

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2026 IRP Process

- **CPUC inputs**: VCE load forecast, resource costs, statewide resource potential, generation profiles
- **VCE inputs (VCE and its consultants)**: Existing VCE portfolio
- **Constraints**: Renewable Portfolio Standards (RPS) compliance % targets, greenhouse gas (GHG) emissions targets, resource adequacy procurement requirements, CPUC procurement orders
- **Outputs**:
  - Modeled IRP portfolio
  - **Resource data template (RDT)** reporting VCE’s existing and modeled energy and capacity contracts
  - **Clean system power calculator (CSP)** estimating the GHG and other emissions and verifying VCE’s portfolio achieves its GHG and reliability targets
  - **Narrative template** describing VCE’s plan development, results, and action plan

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2026 IRP Process cont'd

- VCE and its consultants provided inputs on VCE's existing portfolio and assumptions.
- VCE's IRP modeling consultant modeled the draft IRP portfolio and completed outputs.
- VCE provided feedback on modeling outputs.
- VCE and its regulatory and procurement consultants prepared the IRP narrative.
- VCE's regulatory consultant and legal counsel reviewed the final draft IRP materials for compliance with filing requirements.

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VCE's draft IRP portfolio meets regulatory requirements, including RPS GHG reduction targets.

Table 1 - RPS and GHG-Free Composition of VCE's Preferred Conforming Portfolio (25 MMT by 2035 and 8 MMT by 2045

Renewable and GHG-Free %	Unit	2030	2035	2040	2045
Retail Sales	GWh	803	987	1,119	1,201
RPS-Eligible Delivered Renewable	GWh	601	790	1,344	1,334
GHG-Free	GWh	749	972	1,350	1,342
RPS-Eligible Delivered Renewable Percentage	% of retail sales	75%	80%	120%	111%
GHG-free Percentage	% of retail sales	93%	98%	121%	112%

Table 2 - GHG Emissions of Preferred Conforming Portfolio vs. 25 MMT Target and 8 MMT Target

	Units	Benchmark	VCE Emissions
2035 GHG Emissions	metric tons	51,000	45,000
2045 GHG Emissions	metric tons	23,000	17,000

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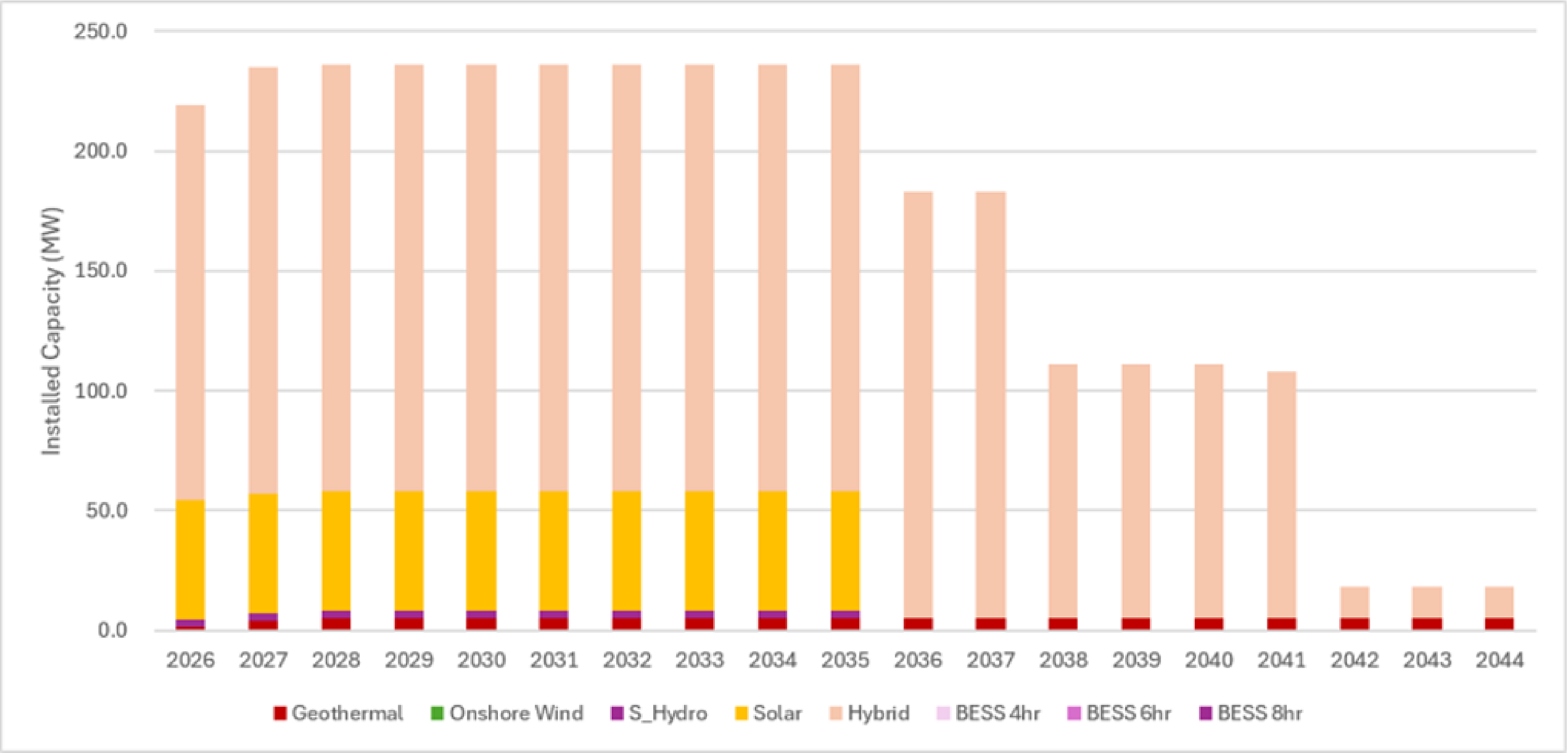
VCE's existing portfolio positions it well to meet customer load and regulatory requirements for the near future.

Figure 10 - VCE's Existing PPAs by Resource Type



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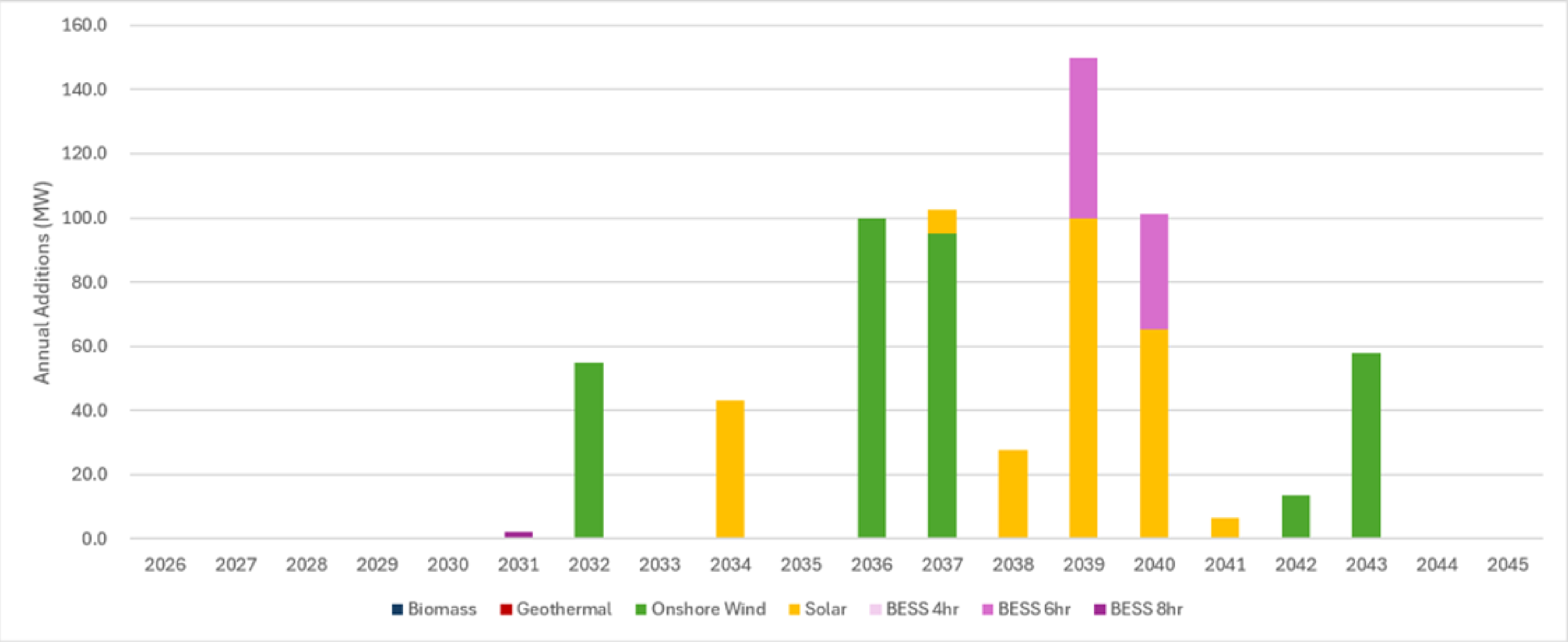
VCE's draft IRP portfolio models additional procurement as load increases, contracts expire and GHG reduction targets increase.

Figure 11 - Annual Addition of New PPAs by Technology Type



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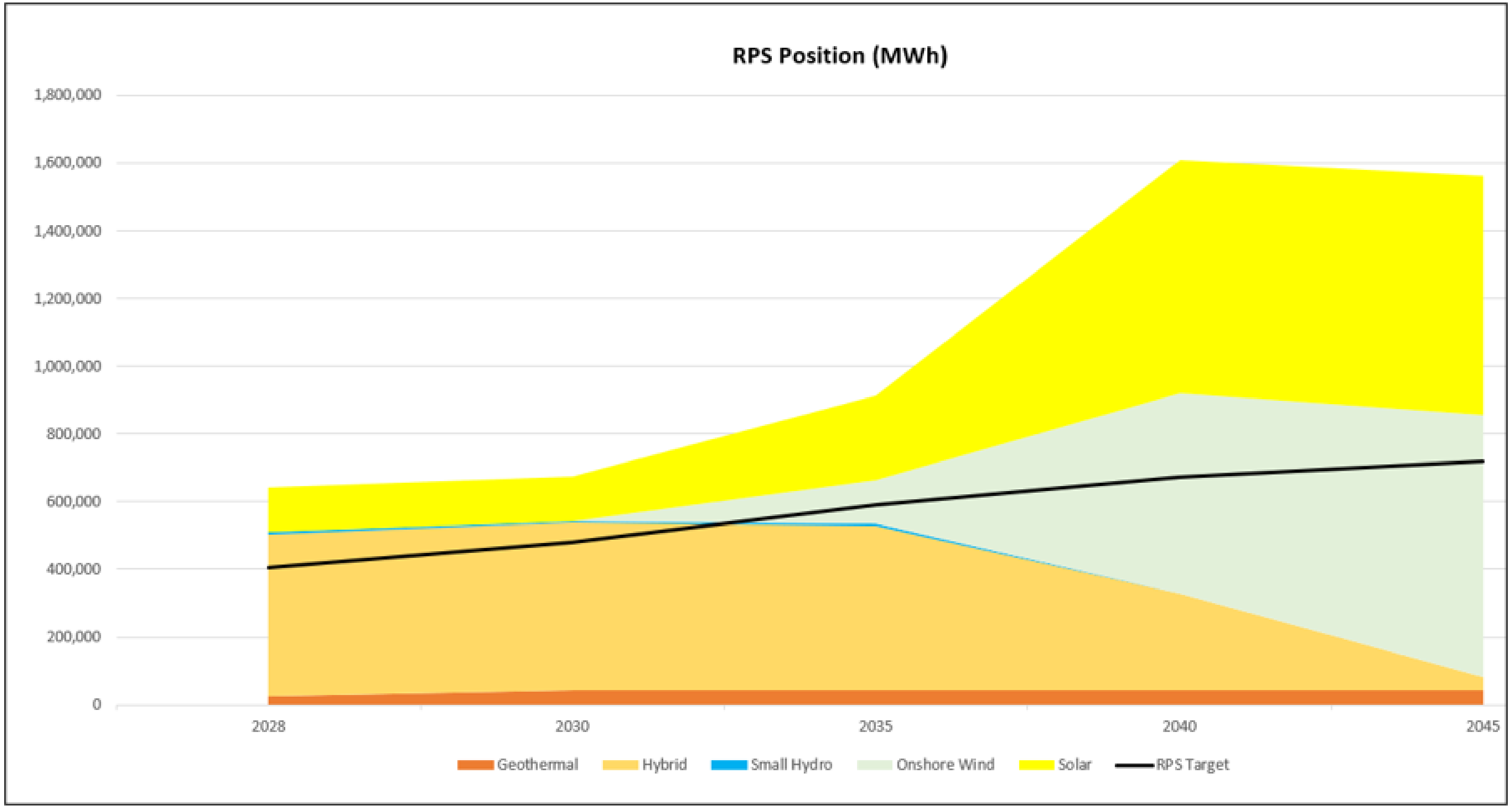
VCE's draft IRP portfolio meets state RPS targets.

Figure 15. RPS Position (MWh)



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Future Procurement

- Actual procurement will differ from the draft IRP portfolio depending on a variety of factors:
  - Changes in VCE load, customer base or consumption profile
  - Schedule and performance of VCE’s contracted in-development and operating resources
  - Actual resource availability and cost
  - Developments in regulatory and legislative procurement requirements
  - Technical, regulatory and policy developments
- Staff will continue to seek Board approval of specific procurement activities.

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Recommendation

Staff recommends approval and submission of the 2026 IRP.

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Next Steps

- ~~**May 28, 2026** - Staff presents initial IRP analysis to the CAC~~
- ~~**June 25, 2026** –Staff seeks additional feedback from the CAC~~
- **July 9, 2026** – Staff presents and seeks approval from the Board to file the IRP
- **August 10, 2026** – IRP due to be filed at the CPUC

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