

Exhibit to Agenda Item #2

Discuss adoption of SMUD's **2030 Zero Carbon Plan** as SMUD's **Zero Carbon Integrated Resource Plan (IRP)** to meet **California Energy Commission (CEC)** IRP regulatory filing requirements.

Board Energy Resources & Customer Services Committee and Special SMUD Board of Directors Meeting

Wednesday, June 15, 2022, scheduled to begin at 5:30 p.m.

Virtual Meeting Online

California Energy Commission (CEC) Regulatory Filings Update

Action: SMUD's 2030 Zero Carbon Plan moves SMUD to replace CEC regulatory filings with latest information:

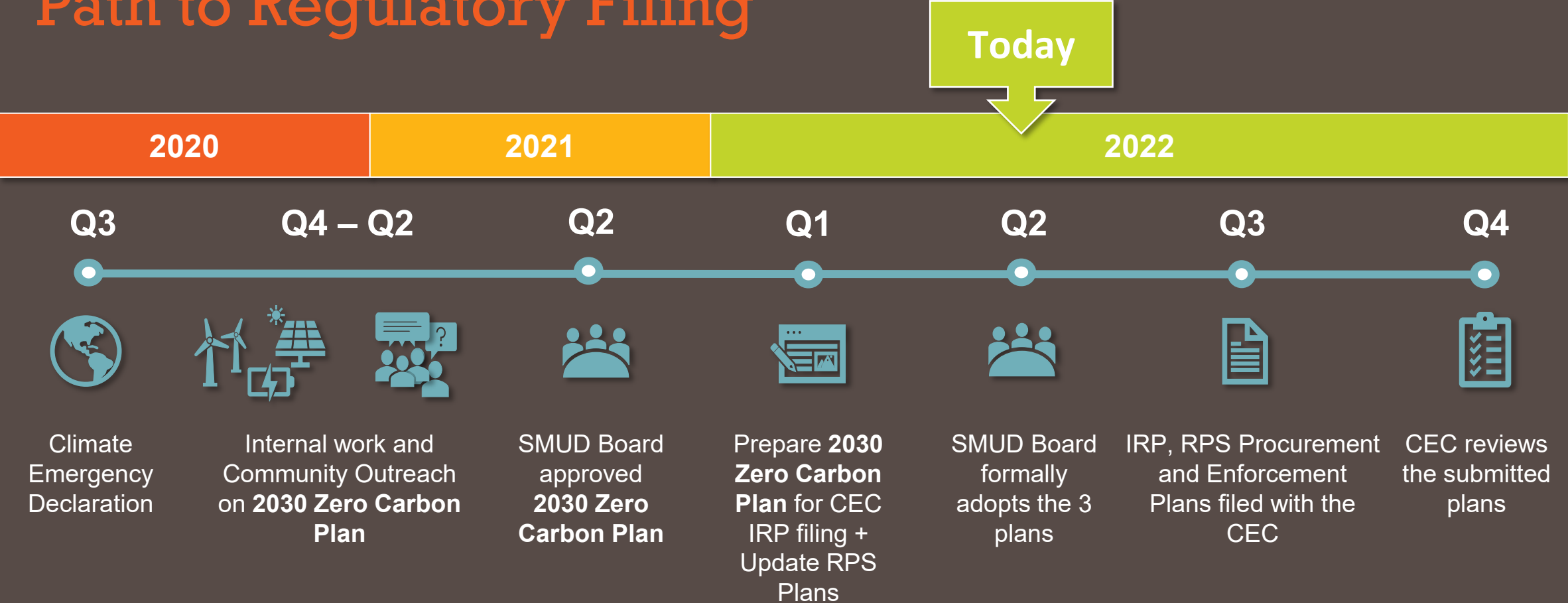
1. Integrated Resource Plan (IRP)
2. Renewable Energy Resources (RPS) Procurement Plan
3. Renewable Portfolio Standard (RPS) Enforcement and Compliance Plan

History: SMUD last filed its IRP and RPS Procurement Plan with the CEC in 2019, following Board adoption of these reports in 2018.

- SMUD last updated its RPS Enforcement & Compliance Plan in 2013.

The CEC requires each of these updated regulatory filings to be Board-adopted separately.

SMUD's 2030 Zero Carbon Plan: Path to Regulatory Filing



CEC Integrated Resource Plan (IRP) Filing - 2030 Zero Carbon IRP

Powering forward.
Together.



California Energy Commission (CEC) Integrated Resource Plan (IRP) – Requirements Fulfilled

- SB350 (2015) requires California’s largest publicly-owned utilities, like SMUD, to update and submit IRPs to the CEC for review, at least once every 5 years.
 - Submission of SMUD’s updated Zero Carbon IRP to the CEC in 2022 will satisfy this requirement.
 - Staff anticipate the next IRP update will commence in the 2026 timeframe, immediately following research studies identified in the 2030 Zero Carbon Plan.
- Our **2030 Zero Carbon Plan** fulfills the requirements of the CEC’s IRP guidelines including, but not limited to:
 - Meets State mandates for Greenhouse Gas (GHG) reduction and renewable energy procurement.
 - Minimizes impacts to rates while ensuring we continue offering reliable service.
 - Prioritizes development of preferred resources and programs and expands customer options to reduce GHGs.
 - Minimizes local air pollution and GHG emissions, prioritizing disadvantaged communities.
 - Includes an RPS Procurement Plan.
 - Meets CEC’s IRP reporting scheduling requirements (at least once every 5 years).

Staff Recommendation

- For the Board to formally adopt SMUD's **2030 Zero Carbon Plan** as an update to SMUD's 2018 IRP.