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

<table>
<thead>
<tr>
<th>Year</th>
<th>Quarter</th>
<th>Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Q3</td>
<td>Climate Emergency Declaration</td>
</tr>
<tr>
<td></td>
<td>Q4 – Q2</td>
<td>Internal work and Community Outreach on 2030 Zero Carbon Plan</td>
</tr>
<tr>
<td></td>
<td>Q2</td>
<td>SMUD Board approved 2030 Zero Carbon Plan</td>
</tr>
<tr>
<td></td>
<td>Q1</td>
<td>Prepare 2030 Zero Carbon Plan for CEC IRP filing + Update RPS Plans</td>
</tr>
<tr>
<td>2021</td>
<td>Q2</td>
<td>SMUD Board formally adopts the 3 plans</td>
</tr>
<tr>
<td></td>
<td>Q3</td>
<td>IRP, RPS Procurement and Enforcement Plans filed with the CEC</td>
</tr>
<tr>
<td>2022</td>
<td>Q4</td>
<td>CEC reviews the submitted plans</td>
</tr>
</tbody>
</table>

June 15, 2022

Board Energy Resources & Customer Services Committee and Special SMUD Board of Directors Meeting
CEC Integrated Resource Plan (IRP) Filing - 2030 Zero Carbon IRP

• 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.