

# Exhibit to Agenda Item #1

Accept the monitoring report for **Strategic Direction SD-7, Environmental Leadership.**

Board Policy Committee Meeting

Wednesday, September 13, 2023, scheduled to begin at 6:00 p.m.

Auditorium, SMUD Headquarters Building

# Strategic Direction (SD)-7, Environmental Leadership

Environmental leadership is a core value of SMUD. In achieving this directive, SMUD will:

- a. Conduct its business affairs and operations in a sustainable manner by continuously improving pollution prevention, minimizing environmental impacts, conserving resources, and promoting equity within SMUD's diverse communities.
- b. Provide leadership and innovation to improve air quality and reduce greenhouse gas emissions.
- c. Promote the efficient use of energy by our customers.
- d. Advance the electrification of vehicles, buildings, and equipment.
- e. Attract and build partnerships with customers, communities, policy makers, the private sector, and other stakeholders.

# Pollution Prevention

- Sustainability efforts
- Waste recycling – 77.31% diversion
- Sulfur hexafluoride (SF6) phase-out



# Minimize Environmental Impacts

- Fleet and equipment electrification
- Environmental justice
- Wildfire mitigation plan



# Conserving Resources

- Warehouse salvage/Investment recovery
- Campbell Power Plant recycled water use
- UARP water storage
- Sacramento Shade Program



# Building Partnerships with Our Community

- 130 Sustainable Communities Partnerships
- Electric Power Research Institute (EPRI)
- American Indian Summer Institute



# Leadership & Innovation to Reduce GHG Emissions



## Zero Carbon Plan

- Fleet and Building Electrification
- Battery Storage
- PV & Wind



## GHG Reporting

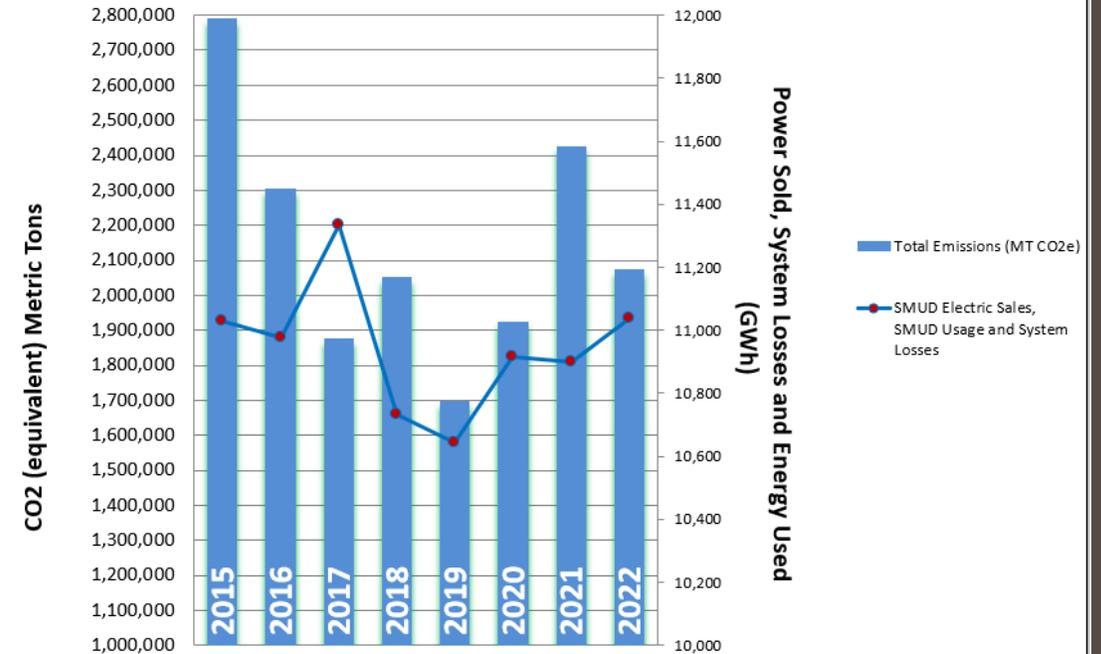
- California Air Resources Board (CARB)
- U.S. Environmental Protection Agency
- The Climate Registry (TCR)
- CDP
- Scope 1, 2, 3 Emissions



## Sustainability Efforts

- Carbon Footprint Dashboard
- Green Team
- Internal GHG Reduction Efforts

2015-2022 SMUD Greenhouse Gas Emissions Trends



\* SMUD electric sales are net of wholesales electricity.

# Challenges and Opportunities

## Challenges

- Cosumnes Power Plant unplanned outage
- Complicated environmental remediation projects

## Opportunities

- Availability of low-carbon power from the Pacific Northwest
- Improved internal efficiency and process improvements



# Requested Action

- SMUD is in compliance with SD-7.
- It is recommended that the Board accept the Monitoring Report for SD-7, Environmental Leadership.
- Place item on the Board consent calendar for approval September 21, 2023.