

Exhibit to Agenda Item #7

Provide the Board with a summary of SMUD's current Power Supply Costs.

Board Finance & Audit Committee and Special SMUD Board of Directors Meeting
Tuesday, February 13, scheduled to begin at 6:00 p.m.

SMUD Headquarters Building, Auditorium

December 2023 Energy Sources



Hydro generation was 74% higher than budget in December, and 45% higher than budget year-to-date due to higher level of precipitation from last year's water year.

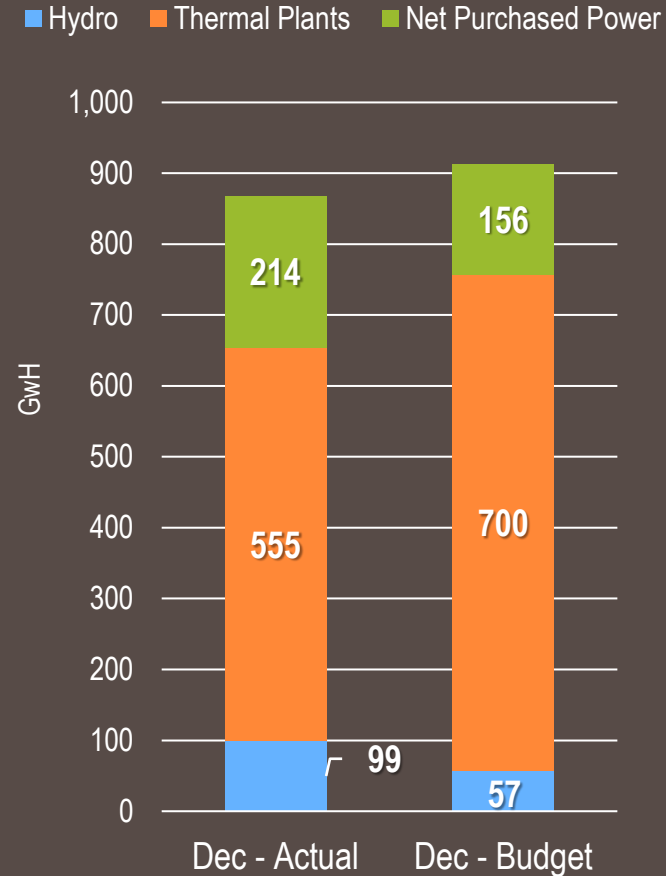


Thermal plants generation was 21% lower than budget in December due to unplanned outage, and 16% lower than budget year-to-date due to increased hydro generation.

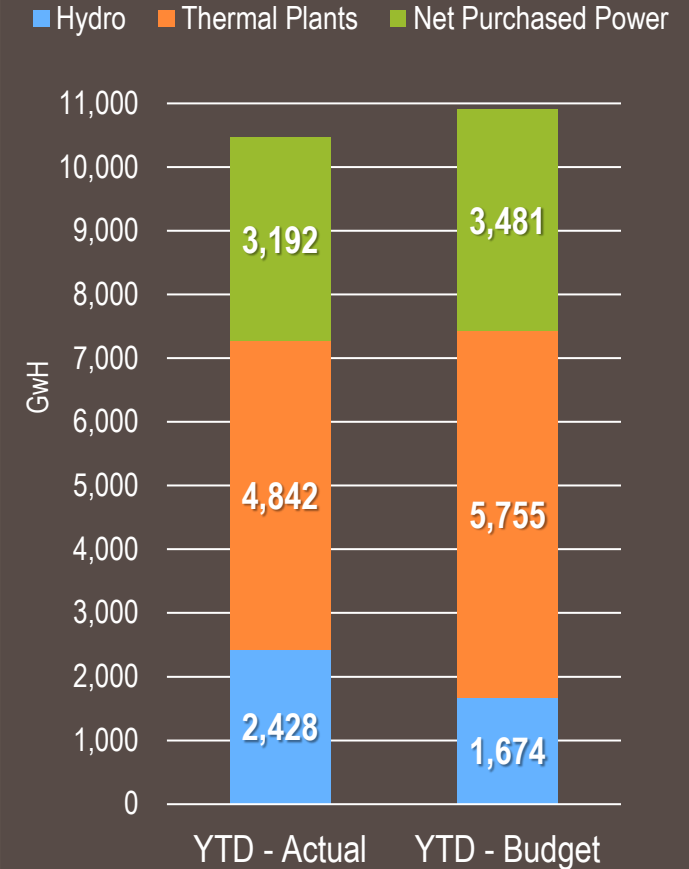


Net purchased power was 37% higher than budget in December due to decreased thermal generation and lower market prices, but 8% lower year-to-date, due to increased hydro generation and reduced load.

Dec 2023 Month-to-Date



Dec 2023 Year-to-Date



Commodity Budget: Mitigations & Year-end Actuals



SMUD has in place financial mitigation tools that hedge against hydroelectric uncertainty

| | |
|----------------|--|
| \$31.0 Million | HRSF balance |
| \$65.4 Million | HRSF deposit for Water Year April 2022 to March 2023 |
| \$96.4 Million | HRSF balance as of Dec. 31, 2023 |
| \$3.5 Million | WAPA RSF balance |
| \$1.3 Million | WAPA RSF deposit for 2023 |
| \$4.8 Million | WAPA RSF balance as of Dec. 31, 2023 |

| 2023 Commodity Annual Costs as of December 31, 2023 | |
|--|---------------|
| Annual | \$502 Million |
| 2023 Budget | \$485 Million |
| Difference | \$17 Million |

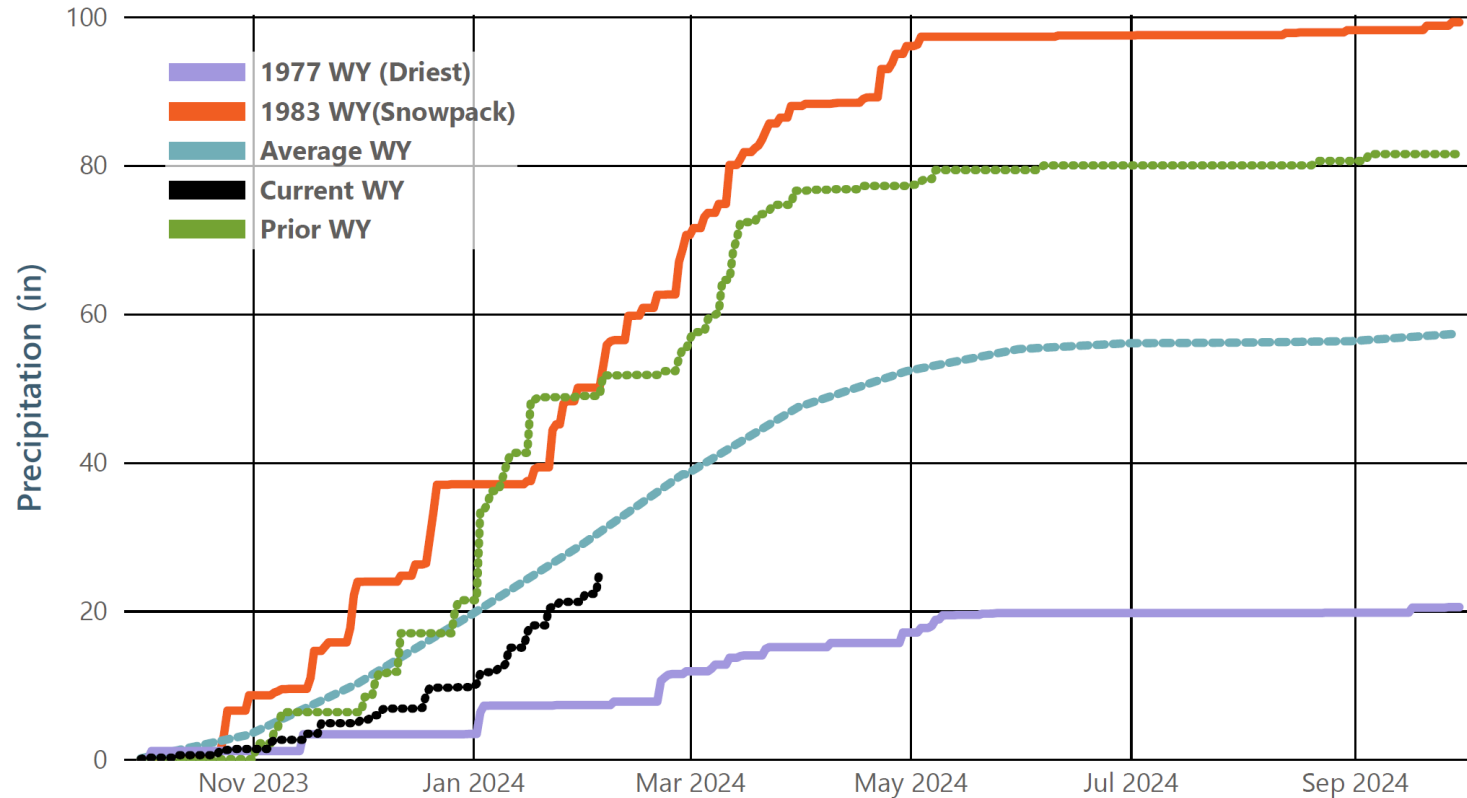
| Annual Hydro Performance as of December 31, 2023 | | | |
|---|-----------|---------|-------------|
| | UARP | WAPA | UARP + WAPA |
| Annual | 2,375 GWh | 561 GWh | 2,936 GWh |
| 2023 Budget | 1,635 GWh | 511 GWh | 2,146 GWh |
| Variance | 740 GWh | 50 GWh | 790 GWh |

HRSF: Hydro Rate Stabilization Fund **WAPA:** Western Area Power Administration **UARP:** Upper American River Project **RSF:** Rate Stabilization Fund

Precipitation Levels

through February 5, 2024

Precipitation (Fresh Pond)



Precipitation Levels

The cumulative precipitation for the area is 25.34 inches, which is 82.9% of average to date (30.55 inches), and 44.2% of the entire water year average of 57.32 inches

Water year is the 12-month period October 1st through September 30th, of the following year