



Engineering, Operations, & Technology Committee

# Water System Operations Manager's Report

Item 7a

Monday, January 9, 2023

9:30 a.m.

## Current Operational Conditions

# Continuing Drought Operations

- 2023 SWP Allocation is 5% plus HH&S
- SWP blend targets are 0% at Weymouth, Diemer, and Skinner plants
- CRA at 5-pump flow
- DVL to Mills drought operation continues to perform well
- Managing storage based on WSDM principles
- December 2022 deliveries of 97 TAF were 11 TAF lower than December 2021

# Balancing Water and Power Operations

Cold weather and winter storms triggered a **major spike in natural gas prices** affecting CRA power costs

NEWS

Winter Storm Updates: Death Toll Rises, 2,500  
Wednesday Flights Canceled



Daily Natural Gas Prices





# Balancing Water and Power Operations

- Reduced from 8- to 7-pump flow in mid-December, and further reduced to 5-pump flow in early January
- \$8-12 million in estimated savings from reduced December/January CRA energy use
- Lake Mathews expected over 90% full prior to CRA shutdown; well positioned for 2023 operations
- CRA power costs and water demands continue to be monitored to determine if any further operational adjustments are needed
- Update at EO&T Committee on power operations and energy markets in March



# Ensuring Continued System Reliability



