Engineering, Operations, & Technology Committee

Management Announcements and Highlights

Item 7a

October 12, 2026

Presented by: John Bednarski and Shane Chapman

Engineering Services

Board of Directors EO&T Inspection Trip

- Save the Date:
  October 28, 2026
- Site Visits:
  Eagle Rock, Garvey, Venice PCS

EO&T Field Inspection Trip - October 28-29, 2025

Venice Pressure Control Structure

Newly Installed Fire Suppression System at Eagle Rock Operations Control Center

Garvey Reservoir Rehabilitation Project

Engineering Services Management Forum

- All Engineering Services managers invited
- Focused on hearing from team managers including a four-person panel
- Included updates from IT on Enterprise Content Management and from HR on Employee Relations
- Well-received and excellent feedback

Chief Engineer Mai Hattar Welcoming Managers

Moderated Panel Discussion

Management Forum Participants

Value Methodology (VM) Fundamentals 1
Pilot Training

- SAVE is the premier society for VM
- VM provides systematic method for problem solving
- Metropolitan's Carlene Wong is a certified VM Associate trainer
- In-house training provided at a fraction of the typical cost
- Completion of this training qualifies staff to sit for the VM Associate exam
- 10 employees completed training
- 6 employees previously certified

SAVE
Adding Value. Enhancing Ideas.

Wi-Fi Upgrades – Construction Contracts

- Purpose – Upgrade unsupported Wi-Fi hardware to enhance reliable communications
- Scope – Installation of cat 6a cable & Metropolitan-furnished wireless access points
- Riverside County
  - Board Award – September 2025
  - Complete – September 2026
  - Contract Amount – $334,781
  - Locations – Diamond Valley Lake, Lake Mathews, Henry J. Mills facilities & Robert A. Skinner facilities
- Los Angeles & Orange County
  - Board Award – April 2025
  - Complete – September 2026
  - Contract Amount – $214,000
  - Locations – Diemer Plant, Jensen Plant, Eagle Rock System Control Center & Soto Street Facility

Cat 6A Cable Termination

Rigid Conduit Installation

Furnishing Two 42-Inch Triple Offset Butterfly Valves for the Skinner Outlet Tower Valve Replacement

- Procurement Contract
  - Board Award – May 2023
  - Complete – September 2026
  - Contract Amount – $1,090,000
- Scope – Supply two 42-Inch triple-offset butterfly valves with hydraulic actuators for the Lake Skinner Outlet Tower valve replacement project

Body Casting Inspection

Valve Performance Testing in Shop

Furnishing Knife Gate Valves for the Hollywood Tunnel

- Procurement Contract
  - Board Award – April 2025
  - Complete – September 2026
  - Contract Amount – $321,575
- Scope – Procurement of two 24-inch stainless steel knife gate valves for the Hollywood Tunnel Project

Inspection of Knife Gate Valve Body

Dimensional Verification of 24 Valve

Two 24-Inch Knife Gate Valves

Weymouth Battery Energy Storage System (BESS) Locations

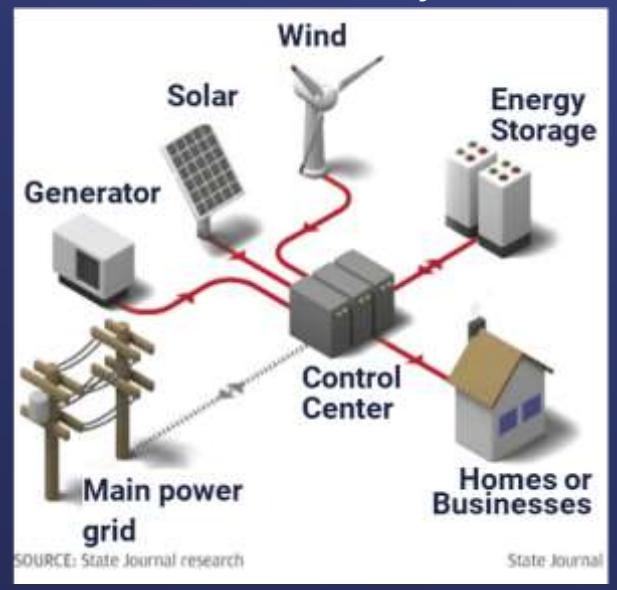
Battery Energy Storage Systems at Weymouth

BESS Concept

Basis of Design

- Battery paired with solar facilities on site
- Store solar energy for later use
- Peak load reduction
  - Energy arbitrage: charge when power is cheap and discharge when power is expensive
- GHG reduction

ELM MicroGrid System



MicroGrid Configuration

Water System Operations

Managing State Water Project Supplies

Current Operational Conditions

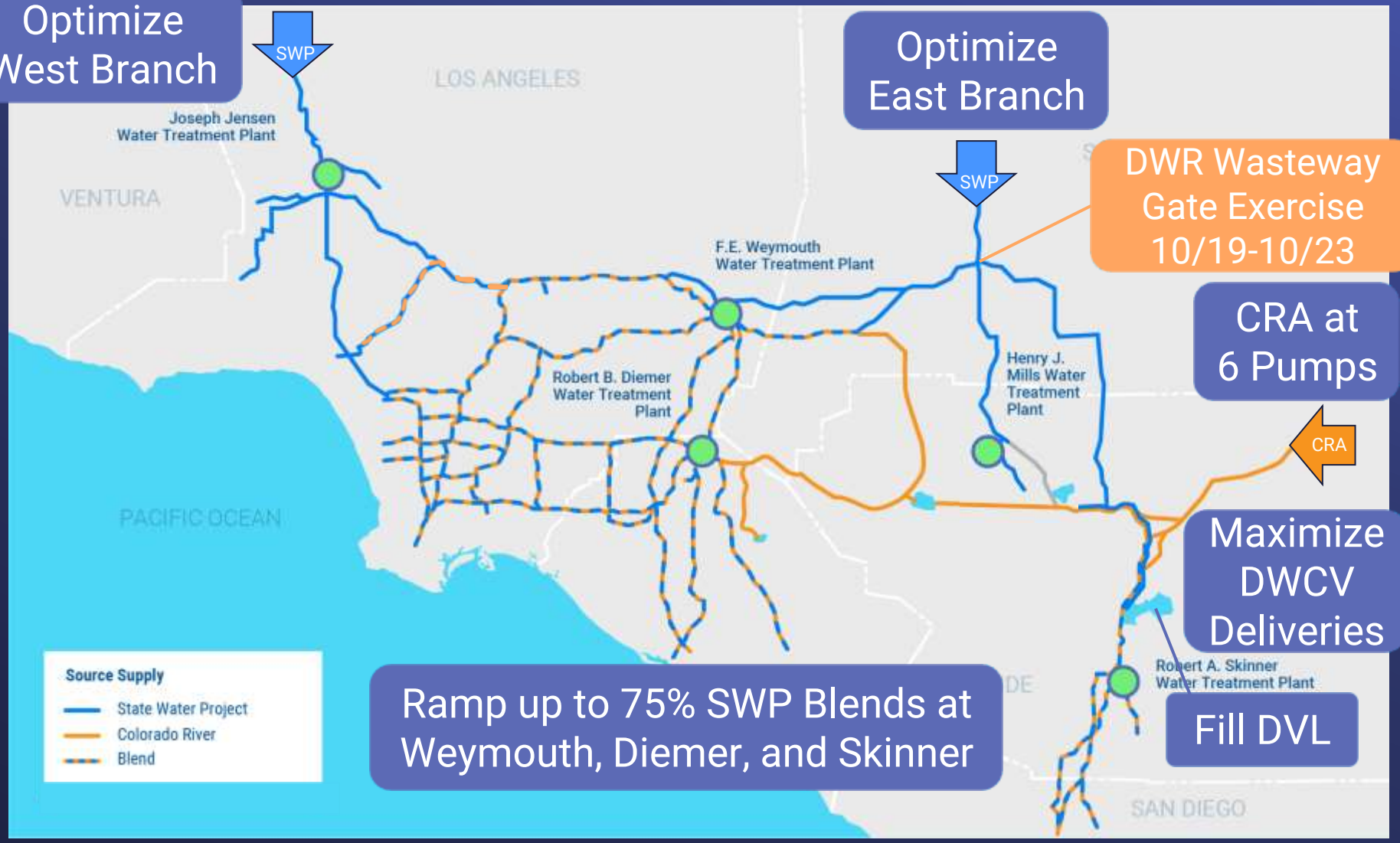
Diamond Valley Lake

- 2026 State Water Project (SWP) Allocation at 45%
- Colorado River Aqueduct (CRA) at 6-pump flow
- Maximizing deliveries to DWCV
- Filling DVL; current storage at 97% capacity
- Increase SWP blend targets to 75% at Weymouth, Diemer, and Skinner
- September 2026 deliveries were at 113 TAF, which is 23 TAF less than September 2025

Managing State Water Project Supplies

October 2026 Operations

Adapting operations to manage water supply conditions



DWR-MWD Copper Pilot Treatment of Rialto Pipeline

- Assess effectiveness of EarthTec QZ (copper solution) for golden mussel control, treatment logistics, and agency coordination
  - NSF60 certified for drinking water
  - Applied at Devil Canyon second afterbay; six-week application ended Sept. 28
- Weekly updates to Member Agencies along Rialto Pipeline
- Golden mussel die-off observed at Live Oak Reservoir in week five (at highest dose)
- No reported treatment or operational issues
- Continued monitoring and further analysis pending

Dead test golden mussels at Live Oak Reservoir

Robert A. Skinner Water Treatment Plant 50th Anniversary

Celebrating 50 Years of System Reliability

Information Technology

Emergency IT Support for Weymouth Battery Energy Storage System (BESS) Fire

- An urgent request for expanded Wi-Fi coverage at Weymouth to support the La Verne Fire Department's drone operations during the BESS NE fire
- Telecom and Network Systems teams mobilized immediately to evaluate multiple solutions to quickly address the operational need
- Extended Wi-Fi coverage was deployed and verified by the La Verne Fire Department within five hours of the request
- Both the Telecom and Network Systems teams demonstrated exceptional teamwork, responsiveness, and adaptability in supporting critical emergency response operations

Wi-Fi Coverage Provided by Metropolitan's IT Group for the La Verne Fire Department Drone Operation

IT Professionals Day 2026

- National IT Professionals Day was on September 15, 2026, and was commemorated with a month-long celebration
- Beginning on August 31, employees were encouraged to participate in “spirit days,” which took place on Mondays and included a mid-afternoon gathering with a themed treat
- The month-long celebration gave employees a chance to connect with colleagues and further strengthen the camaraderie, which carries over to how teams within IT support one another

THE METROPOLITAN WATER DISTRICT OF
SOUTHERN CALIFORNIA
1928