

Subcommittee on Long-Term Regional Planning Processes and Business Modeling



Member Agency Update on Business Model Refinement Ad Hoc Working Group on Business Model Refinement Engineering Working Sub-Group

Item 3b
April 22, 2025

Engineering Sub-Working Group

- Scope of Engineering Sub-Working Group:
 1. Review the August 2022 Board Resolution for equivalent water supply reliability to all Member Agencies
 2. Evaluate member agency requests for improvements to system flexibility
 - Determine the feasibility of extending Sepulveda Feeder pumping to LA-25
 - Identify options to improve Foothill MWD system flexibility
 3. Develop a Roadmap for Upcoming Studies and Activities
 - Integrated Strategy for Infrastructure Reliability

Meetings to Date: 2

1.

Review the August 2022 Board Resolution for equivalent water supply reliability to all Member Agencies

- Agreed to a review of the Equitable Supply Reliability definition considering all the studies currently underway
 - Integrated Strategy for Infrastructure Reliability workshops
- Workshop Series Objective (*draft – to be defined at the workshop*)
 - Improve Southern California's regional water systems reliability by identifying feasible improvements to infrastructure that increase resilience, reduce vulnerabilities, and improve overall reliability

Review the August 2022 Board Resolution for the equivalent water supply reliability to all Member Agencies

- April 28th, Workshop Objectives
 - **Proposed Studies and Activities**
 - Review Metropolitan's proposal for studies
 - Solicit input on the proposals from Member Agencies
 - **Objectives**
 - Identify additional objectives for the Integrated Strategy for Infrastructure Reliability workshop series
 - **Workshops Approach**
 - Develop and agree on an approach for conducting the workshops
 - Determine the frequency of meetings
 - Solicit input on key questions
 - Solicit input on planned activities

Integrated Strategy for Infrastructure Reliability Studies and Activities

- Equitable Supply Reliability Identification
- Equitable Supply Reliability Mitigation Projects
- System Reliability Study/System Flexibility Study
- System Reliability Study - Operational System Overview Study
- Evaluation of Regional Storage Portfolio - Spatial and System Considerations
- Strategic Infrastructure Resilience Plan / Plan Implementation
- Strategic Asset Management Plan Implementation Strategies


2.

Engineering Sub-Working Group – Study Goals Member Agency Requests

- LADWP
 - Determine the feasibility of extending Sepulveda Feeder pumping to LA-25
 - Results:
 - Capable of delivering water to LA-25 with Sepulveda Feeder Pumping Stage 1 implementation
 - Incorporate additional infrastructure during Sepulveda Feeder Pumping Stage 2
- Foothill MWD
 - Identify options to improve Foothill MWD's system flexibility
 - Results:
 - Identified 9 options to improve FMWD's Flexibility
 - Inclusion as part of a larger East-West conveyance alternative has benefits
 - Continue to evaluate as part of the E/W Conveyance studies

3.

Upcoming Integrated Strategy for Infrastructure Reliability Studies and Activities

System Reliability Strategy	2025	2026	2027
• Equitable Supply Reliability Identification			
• Equitable Supply Reliability Mitigation Projects			
• System Reliability Study/System Flexibility Study			
• System Reliability Study/Operational System Overview Study			
• Evaluation of Regional Storage Portfolio - Spatial and System Considerations			
• Strategic Infrastructure Resilience Plan / Plan Implementation	 		
• Strategic Asset Management Plan Implementation Strategies			

