



State Water Project Construction Update

Background

The California State Water Project (SWP), consisting of 36 water storage facilities and 700 miles of rivers, pipelines and canals, supplies water to 27 million people and irrigates 750,000 acres of farmland. The system includes 23 pumping plants, powered by a system of power-generation and power-recovery plants. The Department of Water Resources (DWR) also operates the world's tallest water lift – the Edmonston Pumping Plant – which pumps water more than 1,900 feet up and over the Tehachapi Mountains into Southern California.

As required by Water Code section 165, the Commission conducts an annual review on the progress of the construction and operation of the SWP and reports its findings and recommendations to the Department and the Legislature.

This presentation will inform the Commission of SWP construction activities over the past year, in preparation for the Commission's 2019 annual review. The projects are occurring across the entire length of the SWP and include all the major facility types – dams, canals, pipelines, pumping and generating plants. These projects represent DWR's efforts to modernize fire and life safety programs and to refurbish aging infrastructure.

SWP Operations and Maintenance Assistant Division Chief, Behzad Soltanzadeh, will brief the Commission on the status of major SWP investigative, construction, and refurbishment efforts for 2019. Construction activities include:

- Thermalito Restoration and the SWP Fire Modernization projects;
- Aqueduct Liner Repair and Pipeline Condition Assessment project projects;
- The Gianelli Refurbishment Project;
- The Chrisman Pumping Plant Apron Repair Project;
- The Tehachapi Crossing Inspection Project; and
- The Pyramid and Cedar Springs Dam Spillways work (which are the outcome of the post-Oroville Spillway Phase I Investigations).

This is an informational item.

Contact

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