SJTA San Joaquin TRIBUTARIES Authority

INVESTING IN WATER RELIABILITY

San Joaquin Tributaries Authority (SJTA) members operate water and power systems that have served California's San Francisco Bay Area and Central Valley for more than a century. Their collective infrastructure provides reliable water supplies for 3.2 million people and 260,000 acres of farmland, producing $1 trillion annually in gross domestic product. Significant ongoing investments are needed to upgrade and maintain these aging systems. Addressing seismic risk, water supply restrictions, and preparing for unexpected emergencies, are key to securing the reliability of these systems today and into the future.



Aging Systems, Modern Demands

Many of the facilities that store and move water across our region are more than 100 years old. These systems remain in service 24/7, yet many have passed their expected useful life. Rehabilitation and modernization are essential to maintaining dependable deliveries and avoiding catastrophic disruption. Planned investments cost far less than emergency repairs.

Improving Dam Safety

Recent studies and inspections point to critical improvements needed at dams throughout the region. These facilities store the water that carries communities and farms through normal and dry years and several facilities protect them from flooding during high-flow conditions. Together, these priority projects represent **more than $400 million** in funding needs.

- SFPUC: Moccasin Dam/Reservoir improvements; Eleanor Dam rehabilitation; O'Shaughnessy Dam outlet improvements
- TID: Turlock Lake spillway rehabilitation
- SSJID: Woodward Spillway improvements

Critical Pipelines & Canals

Conveyance system replacement and rehabilitation is the single largest infrastructure funding need across SJTA members. Pipelines and canals are the arteries that carry water from storage to the communities that depend on it. Failure of a critical conveyance segment could leave large areas without water service. Combined, these projects approach **$900 million** in funding needs.

- SSJID: Distribution system tunnel and canal lining work
- TID: Upper Main Canal rehabilitation
- MID: Dry Creek Flume; Main Drain Line replacements
- SFPUC: San Joaquin Pipeline life extension; Moccasin Penstock system rehabilitation

MID Modesto Irrigation District Water and Power

San Francisco Water Power Sewer Services of the San Francisco Public Utilities Commission

SSJID SOUTH SAN JOAQUIN IRRIGATION DISTRICT

TID WATER & POWER

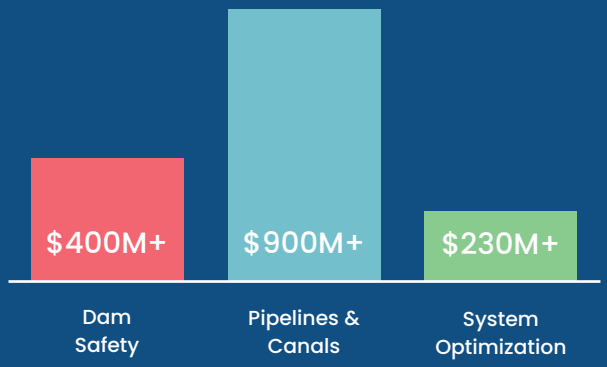
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How You Can Help

Grants and loans have been key to successfully implementing projects in the past, and continued funding is needed to support water reliability into the future. While SJTA members have different funding strategies, their common infrastructure needs create meaningful opportunities for coordinated action.

- Support funding earmarks for aging infrastructure in the Bay Area and Central Valley areas served by MID, SFPUC, SSJID and TID.
- Support grants and low-interest financing for dam safety and conveyance rehabilitation.
- Prioritize modernization and automation projects for state watershed resilience funding.
- Engage SJTA early in the process, so four agencies can be reached through a single regional conversation.

Funding Needs by Category





System Optimization

SJTA members are investing in secure remote monitoring and flow control technology that allows systems to be operated with greater precision. These upgrades reduce water loss and improve measurement, stretching every drop of water further for customers. Funding needs for these projects total **over $230 million**.

- MID: New regulating reservoirs; flow measuring device improvements
- TID: Canal Modernization Plan
- SSJID: Distribution system modernization; SCADA improvements; new regulating reservoirs
- SFPUC: Maintenance and upgrades of SCADA, microwave and radar communications, robust cybersecurity

Looking Ahead: New Supply & Storage Projects

Maintaining existing infrastructure is just the beginning. SJTA members are also planning for new water supplies that future generations will depend on. Collectively, this work will require billions of dollars of investments well beyond the projects identified above.

- SFPUC is evaluating regional projects to address a projected water supply shortfall in dry years.
- TID and MID are seeking additional water rights and have identified projects that make beneficial use of these new supplies.
- MID is exploring new groundwater projects through its Groundwater Sustainability Agency to improve conditions in the Modesto Subbasin.

Investing in our infrastructure today protects reliable water and utility costs for generations to come.

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