

# Energy Management Success Story



## The City of San Bernardino Municipal Water Department



Express Solutions, AP-I and Free Pump Testing from SCE Help The City of San Bernardino Municipal Water Department Maintain Quality and Save Money

### Savings and Service at San Bernardino Water Department with SCE's Pump Test Program

Product, process, and price: Since 1905, the San Bernardino Water Department has strived to deliver quality on all three to its ever-growing customer base. For almost that long, hydraulic pump test services from Southern California Edison (SCE) have helped the Department optimize water delivery and maintain the integrity of its water systems as demand increases; while SCE's Express Solutions and Agricultural and Pumping Interruptible (AP-I) programs helped the Department save energy and money.

Margo Burns, Water Production Energy Conservation Technician II, a 20-year veteran, explains that "the Department has over 43,000 service connections serving more than 200,000 people; over sixty (60) groundwater production wells; fifty five (55) pumping stations; and over 550 miles of distribution and transmission water mains. The two keys to saving money," she says, "are maintaining the efficiency of our equipment, and using the correct SCE rate schedules and programs. We monitor system efficiency with SCE's

no-cost Pump Test Program. Financial incentives from SCE's Express Solutions help to rehabilitate poorly performing equipment, which results in savings of approximately \$300,000 a year."

### Money Saving Programs for Water Services from SCE

Southern California Edison's Pump Test Program offers improved energy efficiency and system reliability to help control costs for water system customers. The service has been provided at no cost to participating customers for nearly 100 years. Available optional fee-based services, such as infrared panel inspection and cleaning, vibration detection analysis, meg-ohm testing, and industrial services, make it a one-stop resource for customers seeking to get the best return on their electricity dollars. SCE's Express Solutions helps water pumping customers adopt energy-efficient equipment and practices and take advantage of SCE's Demand Response Programs. With SCE's AP-I, customers like San Bernardino Water Department can earn a year-round monthly bill credit when they agree to temporarily interrupt electric service to their equipment during a power emergency.

### Estimated Savings by Managing Energy

- *Location:* San Bernardino, CA
- *Industry:* Municipal/Water
- *SCE Programs Utilized:* Express Solutions, Agricultural & Pumping Interruptible (AP-I), and Pump Test Program
- *Results:* \$386,575 in incentives for pump rehabilitation under Express Solutions; over \$89,000 saved with AP-I; 4.7 million kWh saved

SAVED ANNUALLY

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