

# ACWA JPIA 2019/2020 Risk Control Grant Program Recipients



Members agree to update ACWA JPIA to review project progress and results, and share lessons learned and observations about the implementation and outcomes. Upon completion of the project, members shall provide a report to the Risk Management Committee and Executive Committee, summarizing the project goals and results achieved.

## **Centerville Community Services District - District Emergency Operations Center (EOC) Generator**

This grant would help the District fund a critically needed back-up power source for the District's Emergency Operations Center (EOC). The identified exposure is that of the District's infrastructure which in turn provides both public health and safety to an approximate population of 4,100 people. The EOC contains all vital communications and control systems for the District's water distribution system. Among the critical systems includes: the District's server which holds vital information including all plans and historical databases; the SCADA System which provides critical operational information and controls to the water distribution system; and the Telemetry System which is necessary to communicate with all of the off-site facilities. Absent these critical systems, the entire District would be required to be operated manually with a limited operator crew.

An automatic back-up power generator would ensure that these critical systems would continue to function providing the District critical data and operational control. Having limited staff, this helps ensure a safe and reliable water source, which provides both public health and safety to this high fire-risk area. It is important to note that an improper shutdown of the District Server and District SCADA System can expose those hardware systems to damage and data corruption, which in turn may yield that equipment unusable until it is replaced.

## **Florin Resources Conservation District – Back-up System Retrofit**

Currently, District utility fleet vehicles are not equipped with back-up cameras. In the last five years the District had one claim for a back-up accident, which may have been prevented with the use of a back-up camera. One out of four accidents can be blamed on poor backing techniques leading to 500 pedestrian deaths and 15,000 injuries each year in the heavy trucking industry.

<https://www.acwajpia.com/grant-program/>

### **Rio Alto Water District - Back-up Power Generation Project**

The District currently supplies potable groundwater to over 1,300 homes, and sewer collection and treatment to 864 homes. The District owns and maintains the fire hydrants in the community. In the event of a wildfire in this community, Rio Alto Water District will be required to furnish water through the hydrants for fire suppression. The District was recently notified by PG&E that all 14 of our accounts will be affected in the event of a PG&E Safety Power Shut Off (PSPS), which could last up to five days. The District has determined that it is necessary to purchase two larger portable generators for our lift stations, a generator for the office, and one very large generator to run one of our wells during power outages.

### **Three Valleys Municipal Water District - Hydro Excavator with Valve Actuator**

The hydro excavator will be used to clean out and remove debris from valve cans in the distribution system for the purpose of valve exercising. The on-board valve actuator will be used to operate and exercise valves, some of which are large and require many turns to fully actuate. The hydro excavator is an ergonomic piece of equipment to assist the Operators and lessen the chance of injuries.

### **Tulare Irrigation District – Access Door Office Control Addition**

JPIA Risk Control Grant Program funds will be used to specifically target office security and safety by controlling who enters and leaves the building. Security cameras help deter theft and crime, while monitoring activity and creating a safer workplace for employees and the public. Exit crash bars will add safety in the event of an emergency situation. This will provide a safer workplace for employees and the public that visits our office.