



## LIVERMORE VALLEY JOINT USD

A CONNECTED DISTRICT  
Livermore, CA

### LIVERMORE VALLEY JOINT UNIFIED SCHOOL DISTRICT ROLLS OUT DISTRICT-WIDE WIRELESS ENERGY MANAGEMENT

Livermore Valley Joint Unified School District is a K-12 public school district serving 19 schools in the Livermore Valley area, California.

The district reached a critical point with its energy management in 2018, as its HVAC systems were failing and needed to be upgraded. Faced with the significant costs of upgrading the district's conventional controls system, maintenance staff decided to explore whether there was a more efficient and economical way of not just upgrading their controls, but managing energy throughout the entire district.

Facilities Supervisor Mar Sanchez was also looking for a more user-friendly, cloud-based solution that would enable him to provide access and control to staff throughout the district. Teachers and other staff members would often attend meetings late into the evenings, and they needed to be able to control the heating and cooling independently of the facilities staff.

The district began rolling out Pelican by installing one gateway in each school, and transitioning its existing controls over to Pelican as units failed. Scheduling and controlling thermostats was only one piece of the puzzle however, and as the facilities team became familiar with Pelican, they discovered new applications for it throughout the district.

At Croce Elementary School, Sanchez wanted to find a way to control outdoor parking lot lights that had been controlled with a traditional dusk-to-dawn photocell system. They needed to be able to schedule the lights more effectively to coincide with any activities that took place during the evenings, so that attendees wouldn't be left in the dark or leave the lights running all night.

By installing Pelican, facilities management were able to eliminate the photocells and rely on Pelican's built-in zipcode-based dusk-to-dawn functionality, or schedule them virtually when needed. They now use Pelican to control lighting district-wide, as well as previously hard-to-reach portable classrooms, bathroom exhaust fans and parking lot solar panels.



Pictured: Solar panels at Croce Elementary, controlled by Pelican's climate management system.

Now armed with modern tools that give them real-time access and control over their facilities, Livermore Valley Joint Unified School District has rolled out Pelican as the standard energy management platform across all of its schools and continues to bring more buildings online for a more connected experience.

### GET IN TOUCH

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