



The Green Evolution: A Journey of Energy Management & Sustainability

Phase 1: 2016-2018 - Foundational Infrastructure



Dec. 2016: The Solar Revolution Begins

Installed solar carports and canopies at 28 sites, which now account for 50% of the district's total electricity use with a fixed rate secured for 25 years.



Tesla Battery Storage Integration

Completed battery storage systems at 8 sites to reduce peak loads during the day and optimize energy consumption.



\$5M
Proposition 39 Grant
Executed comprehensive upgrades including \$1M in portable HVAC units, \$2.4M in smart thermostats/ exterior timers, and \$1.8M in LED lighting.

Early Impacts & Revenue

Utility Savings:
\$390,824
saved between 2017-19

Clean Energy Credits:
\$82k
generated annually through Solar Renewable Energy Credits

Phase 2: 2018-2024 - Optimization & Resource Conservation



25,000+ LED Bulbs Replaced

Utilized a \$525k grant from Southern California Edison (SCE) to retrofit interior lighting at 12 sites, improving visibility and safety.



\$1M Billing Error Recovery

A comprehensive bill analysis identified and corrected a \$1M overcharge from Colton Utilities.



Smart Water & Turf Management

Implemented weather-based irrigation to manage the 70% of site water used for landscaping and secured \$30k rebates for removing 30,000 sq. ft. of turf at Joe Baca MS.

Transportation Revenue:
\$62k annual revenue through Low Carbon Fuel Standards (LCFS)

Phase 3: 2025-2026 - Clean Transportation & Future Vision



\$15.8M Secured for EV Bus Fleet

Funding secured through ZESBI, AQMD, and Carl Moyer grants to transition to 25 zero-emission electric buses.

Expanding the EV Infrastructure

Interior Lighting: 1,500 additional LED bulbs installed via CCC partnership in 2025.



New Milestone: Supporting Student Achievement, Equity, and Wellness

Moving beyond simple utility savings to a mission of supporting student achievement, equity, and wellness, fostering a healthier and greener learning environment.