



COIL

EV FLEETS

CASE STUDY

How we electrified student transportation at
Cutler-Orosi Joint Unified School District in California



TABLE OF CONTENTS



OVERVIEW	3
CHALLENGES	4
SOLUTIONS	5
RESULTS	6
KEY OUTCOMES	7

OVERVIEW



Client: Cutler-Orosi Joint Unified School District

Location: California

EV Chargers Installed: 14 Level 2 Nuvve chargers

Electric Vehicles Supported: 6 electric school buses
(acquired via the EPA's Clean School Bus Program)



BACKGROUND

The Cutler-Orosi Joint Unified School District in California took a major step towards sustainable transportation by integrating electric school buses into its fleet. Through the EPA's Clean School Bus (CSB) Program, the district acquired six electric school buses as part of its commitment to reducing emissions and providing a cleaner environment for students and the community.

To support this new electric fleet, the district partnered with COIL and Nuvve to install the necessary charging infrastructure. COIL designed and implemented a comprehensive charging solution, installing 14 Level 2 Nuvve chargers to ensure the buses remain fully charged and ready to serve students daily.



THE CHALLENGE

As a public school district, Cutler-Orosi needed a scalable and reliable charging solution that could handle its growing fleet of electric buses. The charging system had to be efficient, cost-effective, and compliant with local regulations. Coordination with local utilities and proper permitting were also critical to ensuring seamless integration with the district's infrastructure.



OUR SOLUTION



COIL delivered a turnkey EV charging solution, providing full support from planning through installation. Key elements of the project included:

Customized Installation

COIL installed 14 Level 2 chargers, strategically placed to support the district's operational needs. This included configuring chargers for both fast and overnight charging to ensure the fleet was ready for daily routes.

Collaborative Effort

Working closely with Nuvve, COIL integrated the chargers with a fleet management system that allows for optimized charging schedules and energy efficiency.

Utility Coordination with PG&E

COIL managed all aspects of utility coordination with Pacific Gas and Electric (PG&E) to ensure the charging infrastructure was properly integrated with the local grid while maintaining energy efficiency and regulatory compliance.

Permitting & Compliance

COIL handled all permitting, ensuring the installation met local regulations and was fully certified for safe operation.

RESULTS

NUVE





KEY OUTCOMES

Zero Emissions

from the electric school buses, improving air quality around schools.

Significant Cost Savings

on fuel and maintenance compared to traditional diesel buses.

Seamless Charging Operations

thanks to the integration of 14 Level 2 Nuvve chargers.



THANK YOU

Looking to electrify your fleet?

Contact COIL today to explore how we can design and install customized EV charging solutions for your business or public organization.



CONTACT US

Phone

866-734-2645

Email

connect@coilinc.com

Website

www.coil.co