



Electrifying, Grid Resiliency, and Decarbonizing Schools

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PITTSBURG UNIFIED SCHOOL DISTRICT

- Located in Contra Costa County, CA
(1 hour from San Francisco)
- **13 K-12 Schools**
 - 8 Elementary Schools (K-5)
 - 3 Junior High School (6-8)
 - 1 Comprehensive High School (9-12)
 - 1 Continuation High School (9-12)
- **10,700 students**
- **80% of students** are eligible for free & reduced lunch



District investments in EVs



PITTSBURG UNIFIED
SCHOOL DISTRICT

White Fleet Electrification

- **27 EVs in fleet** (including School buses, light and medium duty trucks and cars, twelve-passenger vans, box trucks, & riding lawn mower)
- **\$100,000 per year in fuel savings** from entire EV fleet, due to renewable being on site
- Increased demand on grid - How do we offset this?



Grant Funding from State of California



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Vehicle-to-Grid (V2G) Bi-directional Charging Pilot

- **\$1.7 million grant from state for 7 bi-directional, level 3 EV chargers**
- Chargers send power from bus to the grid during peak hours in summer.
District earns \$2 per kWh.
- Chargers will be part of a community resilience hub.

California Energy Commission Awards \$2.9 Million Grant for Electric School Bus Bidirectional Charging Infrastructure

Led by The Mobility House, the project will provide a replicable solution for school districts across the state



School buses charging at the Pittsburg Unified School District bus depot. Photo provided by Pittsburg USD.