CLIMATE CORPS

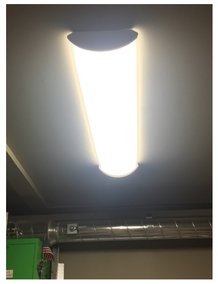
Energy Efficiency at 4CD

Contra Costa Community College District

Climate Corps 18-19

Energy & Sustainability Projects

Prop 39 Interior/Exterior Lighting Retrofits



- Installation of *1,374 LED fixtures* across three campuses (Contra Costa College, Diablo Valley College, Los Medanos College).
- Integrated wireless controls in the Performing Arts Center and Early Learning Center at Contra Costa College

Electric Vehicle Charging Stations Fee Structure

- Presented to the Business Officers to better understand the monetary impact of installing 84 additional charging ports
- Provided information on various pricing structures with pros/cons on each

District Sustainability

- Piloted waste diversion team with Diablo Valley College's Earth Club
- Acted as a student liaison for Bike to Work Day at Diablo Valley College
- Coordinated electronic waste recycling event at the District Office

Projected Energy & Cost Savings

Estimated Metrics	
Prop 39 Energy Efficiency Upgrades	Prevented 452,110 lbs of CO_2 emissions
Electric Vehicle Charging Stations	Fee structure to save at maximum $245,000 annually
Electronic Waste Recycling	Prevented 2,867 lbs of CO_2 emissions
District Total	$245,000 annually saved and 454,977 lbs of CO_2 emissions prevented

Lessons Learned / Fellow Experience

Sustainability initiatives can never be achieved from a single department. With increased reliance on technology, impacted groups must be included before the start of any project to address possible concerns.

Successful Strategies:

- Held meetings with impacted parties in person to better understand their needs

Recommendations for Improvement / Program Expansion:

- Get into contact with student organizations early on as they will be the drivers of all sustainability initiatives

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