

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT BOARD OF EDUCATION

Agenda Item# 10.1

Meeting Date: November 6, 2014

Subject: SMUD High School Energy Audit Training Project – Energy Efficiency Recommendations for Luther Burbank High School

- Information Item Only
- Approval on Consent Agenda
- Conference (for discussion only)
- Conference/First Reading (Action Anticipated: _____)
- Conference/Action
- Action
- Public Hearing

Department: FaciD ai -0 0 12 10 0 12 10 esi Suppornervcesi ET w 12 -0 0 11.70co energy auditor and training project. Students were trained in energy efficie the impact of energy use on the global environment, and green career path process, students developed workforce skills and experience. Students us to audit Luther Burbank High School and are presenting their findings.

Financial Considerations

_____ : N/A

Students and teachers were paid stipends for their participation.

Documents Attached:

1. Executive Summary

Estimated Time of Presentation: 30 minute presentation

Submitted by: José L. Banda, Superintendent
Cathy Allen, Assistant Superintendent
Facilities Support Services

Approved by:

Board of Education Executive Summary

Facilities Support Services

SMUD High School Energy Audit Training Project – Energy Efficiency

Recommendations for Luther Burbank High School

November 6, 2014



I. OVERVIEW / HISTORY

SMUD has become the first utility in California to develop a comprehensive set of services in support of the California Clean Energy Jobs Act (Proposition 39). As part of its Prop 39 services, SMUD is training the next generation of the energy industry's workforce through a program called "Auditing Conservation, and Training (ACT)". The program pairs junior and senior high school students with a teacher-mentor from their school, and provides them with the skills and experience to begin energy efficiency-related and energy-auditing careers. The program also provides opportunities for participating students to help their own school districts save money through making energy efficiency recommendations. Student and teacher participants are paid a stipend for their time.

Sixty-four students from eight different school districts were broken into two week-long classes and trained on the green energy industry, energy efficiency, electrical load auditing, and were coached in developing workforce skills. The summer course was delivered by SMUD's contractor, Strategic Energy Innovations (SEI), and included theoretical classroom lessons and practical field work. Eight students from Luther Burbank used their new skills to audit their school, and have prepared a report and presentation of their findings. The Luther Burbank team, led by science teacher Mayra Tellez, will also lead local middle school students through a classroom energy audit. SMUD provides funding to develop and carry out the curriculum and support in developing presentations. SMUD provides tools and materials to assist teacher

