



SACRAMENTO CITY UNIFIED SCHOOL DISTRICT BOARD OF EDUCATION

Agenda Item 11.1

Meeting Date : December 10, 2015

Subject : SMUD High School Energy Audit Training Project – Energy Efficiency Recommendations for The Met, School of Engineering and Sciences, John F. Kennedy and West Campus High Schools

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

Department : Facilities Support Services

Recommendation : N/A

Background/Rationale : Students from SCUSD Schools participated in SMUD's student energy auditor and training project. Students were trained in energy efficiency auditing, the impact of energy use on the global environment, and green career pathways. In the process, students developed workforce skills and experience. Students used new skills to help their schools save money and energy and are presenting their findings.

Financial Considerations : Students and teachers were paid stipends for their participation.

LCAP GOAL(s) : College and Career Ready Students; Safe, Clean and Healthy Schools; Family and Community Engagement

Documents Attached:

1. Executive Summary

Estimated Time of Presentation : 20 minute presentation
Submitted by: José L. Banda, Superintendent
Cathy Allen, Chief Operations Officer
Approved by : José L. Banda

Board of Education Executive Summary

Facilities Support Services

SMUD High School Energy Audit Training Project Energy Efficiency
Recommendations for The Met, School of Engineering and Sciences,
John F. Kennedy and West Campus
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cost effective energy efficiency measures and options for reducing energy demand and associated carbon emissions.

- x Reduce electrical costs associated with heating, lighting, and cooling
- x Facilitate teaching staff to incorporate energy efficiency and conservation lessons into their broader curriculum.
- x Raise community awareness about the importance of energy conservation in helping to reduce greenhouse gas emissions and mitigate global climate change.

V. MAJOR INITIATIVES

N/A

VI. RESULTS

Students from four high schools completed one week of intensive education in energy auditing, the impact of energy use on the global environment, and green career options. Students organized a conservation campaign at their schools and have made recommendations for cost effective energy reductions.

VII. LESSONS LEARNED/NEXT STEPS

Facilities Support Services to evaluate student recommendations for potential include in Proposition 39 efficiency projects as applicable Students will promote student/teacher energy efficiency behaviors on campus.