

**PY 2002 - 2003 CPUC Energy Efficiency Programs
Quarterly Reports Narrative**

Program Implementer Name:	Alliance to Save Energy
Program Title:	Green Schools Green Communities
Program Reference Number:	142-02 – PG & E Territory
Quarter:	4th Quarter
Period Covered by this Report:	October 1 – December 31, 2002

Section I. Program Overview

The Alliance’s Green Schools Program is an energy efficiency education program that achieves immediate and persistent energy savings by reaching students, teachers, administrators, and residential customers through a program of targeted and in-depth education and outreach, and behavioral modification.

Section II. Program Summary Data

Provide a list or table that summarizes program budget, expenditures, goals and achievements by end of reporting period. The list or table should include the following, as applicable:

1. Program Expenditures

- Total program budget and total expenditures by end of reporting period (*actual and committed displayed separately and totaled*)

2. Energy Savings and Demand Reduction – *Not applicable*

Green Schools, Green Communities is an information-only program and does not include any specific energy measures therefore it is not required to submit energy and peak demand savings targets or cost-effectiveness calculations.

3. Unit Count – *Not applicable*

4. Rebate and Install Program Summary – *Not applicable*

5. Audits/Site Surveys – *Not applicable*

6. Training

The professional development workshop facilitated by Cyane Dandridge, Executive Director of Strategic Energy Innovations, was conducted on October 21 and October 23, 2002. The objectives of the workshops were: 1) To understand what energy is, how it is used in school buildings and how to use energy more efficiently and 2) To start thinking and planning the process for how to educate students about energy, involve the school community in saving energy and bring the energy message into students’ homes and/or into the community.

Participants spent time learning about Green Schools resources, were given Instructional Materials and developed an action plan for immediate implementation. Three (3) school sites were represented at the training: Pennycooke Elementary, Springstowne Middle and Hillsdale High School.

Additional training was done at the school sites with the teachers and custodians at Pennycook Elementary School and Hillsdale High School utilizing an Energy Map (map of different energy uses at a typical school site) and walk through audit sheets that outlines typical energy usage by HVAC systems, appliances and lighting.

The sole purpose of these two training methods is to have participants gain a visual perspective of what uses energy in the school and how the students can use these methods as tools for learning and saving energy.

With the assistance of the local project leader, Mildred Dandridge, teachers and custodians conducted extensive educational walk-through audits of their facilities.

7. Marketing

No marketing materials were developed during this report period. The following (previously developed) materials were utilized to provide information on examples of past program success and as an overview of the Green Schools program.

These documents have been sent to district personnel and principals via mail and facsimile upon initial contact and/or when requested: Program Overview, Program Success, No-Cost Savings Summary (Southern CA & Philadelphia), Earth Apple Award, Educators' & Custodians' Scope of Work, Sample Action Plan, Managing Business article, Student Newsletter, Gazette, and the Green Schools and Southern CA Success Stories booklets.

Section III. Customer Summary Data

- 1. Customer Count** – not applicable
- 2. Customer Enrollment** – not applicable

3. Customer Details.

- There are three (3) schools in two (2) districts currently enrolled in the program with a total estimated school population of 3,068 students.
- At one site low-income indicators reflect 34% of the student population is on free and reduced-price meals.
- All three (3) sites have a high concentration of Spanish E.L. students and two (2) of the sites have additional campus language aides to support Pilipino and Hindi speaking students.

Attachment A: School Profile Demographic Data.

4. Hard to Reach

Two (2) of the three (3) school sites are classified as Hard to Reach (HRT) as identified by the HRT zip code data list from SCE

Section IV. Program Implementation Status

The program activities and target dates as outlined in the PIP for this reporting period are listed below with status, deliverables and attachments, if applicable.

1. Status of Program Delivery

Obtain Statement of Intention from School Districts 12/31/02

Status: School districts have received statement of intentions outlining the parameters of program participation for signature. Vallejo City Unified with two (2) schools in the program has signed and returned their form.

Deliverables: Signed statement of intentions from each participating school districts. **Outstanding deliverable:** Signed SOI from San Mateo Union High School.

Attachment B: Signed statement of intention. (Vallejo City Unified School District.

Conduct two workshops for a total of at least 10 schools in three to five districts. (first year) 11/30/02

Status: The first workshop was conducted in October and is outlined under *Section II Training* in this report. Both the agenda and list of attendees were included with October's monthly report. The second workshop was not conducted during this quarter, an extension has been requested.

Deliverables: Evaluation Results and school plan for each school. **Outstanding deliverable:** School plan for Springstowne.

Attachment C: Workshop Evaluation, **Attachment D:** School plans for Hillsdale and Pennycook.

Provide Instructional Materials to Each School District. 11/30/02

Status: Materials were distributed to participants at the October workshop.

Deliverables: List of materials distributed and list of participating teachers were included with October's report.

Conduct custodian Training. 12/31/02

Status: During the course of the workshop there was specific training for the facilities staff as well as a focus of the school site planning on custodian involvement.

Deliverables: Agenda and list of attendees were included with October's report.

Create Student Advisory Committees (SAC) and begin regular meetings in selected schools (first and second year). 11/30/02

Status: Hillsdale High School is still planning to form a Student Advisory Committee, but the plan has not yet been implemented.

Deliverables: Not completed, an extension has been requested.

Train High School students to become certified student energy auditors 12/31/02

Status: This program has not yet been implemented. Hillsdale High School is planning to enroll interested students within the next two to three months.

Deliverables: Not completed, an extension has been requested.

Community and Family Outreach Activities begun by Student Advisory Committees and Other Student Activities. 12/31/02

Status: There is nothing to report at this time.

Deliverables: Not completed, an extension has been requested.

Convene Advisory Committee and hold first and second meetings.

Status: An Advisory group of educators, state agencies and industry representatives were invited to attend the first California Green Schools Advisory Committee meeting on November 19, 2002 in Sacramento, CA. *Please note the target date for this was in Q1 of 2003 and we were able to meet this goal ahead of schedule.*

Deliverables: List of attendees, agenda and meeting summary were included with October's monthly report.

2. Program Accomplishments

We have met with Pennycook and Hillsdale High to provide on-going support. We have been contacting numerous school districts, particularly those with schools in hard to reach zip codes.

The Pennycook Green Team sent out a memo to the entire school community discussing the school-wide effort to be more energy efficient. The memo seems to have been effective as the Green Team noticed fewer lights left on by staff and students. **Attachment E.** Memo to Pennycooke staff

3. Program Challenges

Enrollment of districts and schools sites continues to be very difficult in the Bay Area due to the number of educational objectives of the districts, financial crisis at several school districts and administrative changes at school districts.

Even with a continued concentrated effort of recruitment, we will be unable to meet the target of November 30, 2002 for having 10 school sites enrolled in the program; therefore we have asked for an extension.

There have been extensive conversations with the Project Manager, Tom Schober at SCE regarding the status of this program and references have been made in all reports about the difficulties in securing district and school participants.

4. Customer Disputes

There were no customer disputes during this report period.

5. Compliance Items

Due to the status of the program and the delay in enrolling the full number (10) participating school sites - several of the program activities and target dates are being proposed for completion in Quarter One 2003 – a revised PIP is being presented for review and approval to the SCE Project Manager, Tom Schober.

Section V. Additional Items

The PG&E Account Reps have been particularly helpful by putting us in contact with school district officials who are receptive and have decision making power. We have made an appointment in January 2003 to speak with a representative from San Leandro and Newark School District. We are also working with Offices of Education in the identified school districts to for contacts.

In response to the letter of statewide coordination that we sent out at the direction of the CPUC – we were contacted by the City of Davis Energy Efficiency Project. They wanted to explore a potential collaboration with Green Schools by creating a custom project that would first educate and engage the school community and then work with students and industry experts to develop and implement a retrofit project. We met with their Program Manager and discussed ways we could complement each others' program at the local school district. A meeting with school district officials has been scheduled in January 2003.