



**Constellation Energy®**



SUSTAINABILITY IN ACTION PROGRAM

# CONSTELLATION'S SUSTAINABILITY IN ACTION PROGRAM

Constellation Energy's Sustainability in Action program provides high impact K-12 education and training materials for students, teachers and staff.

Sustainability in Action details the benefits of energy conservation measures (ECMs), motivating positive behavioral change by stressing the importance of individual responsibility in water and energy conservation.

## STUDENT INVOLVEMENT

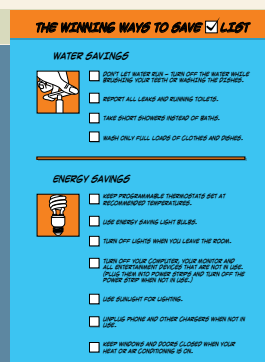
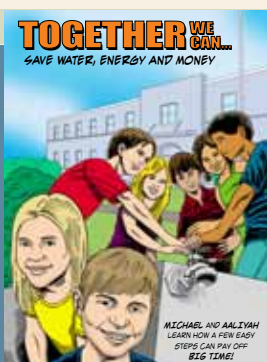
Constellation's innovative Sustainability in Action program encourages extensive student involvement with modules that target all age groups.

As indicated in the table below, modules include printed classroom materials as well as online exercises:

GRADE	PROGRAM	PRINT	ONLINE
K-12 STUDENTS	<b>Green Education Learning Materials:</b> Learning tools related to Sustainability and Energy Conservation Measures	✓	✓
4-8 STUDENTS	<b>Energy Hog Scavenger Hunt:</b> An engaging way to identify energy efficient and energy inefficient items at home		✓
4-8 STUDENTS	<b>Energy Rules Our Life Novel:</b> A graphic novel illustrating steps for energy and water conservation	✓	
9-12 STUDENTS	<b>Sustainability Home Kit:</b> Family-oriented Home Energy Audit Kit that provides energy savings tips, energy audit and energy efficiency products.	✓	
9-12 STUDENTS	<b>Tomorrow's Efficient Home:</b> Showcases benefits of solar power using a solar powered house		✓
ADMINISTRATORS	<b>Community Awareness Program:</b> Stakeholder bulletins to increase awareness of the ECMs being implemented by the schools	✓	✓

## PROGRAM BENEFITS

1. Delivers maximum energy cost savings by fostering student and faculty adoption of sustainable behaviors.
2. Increases awareness of the ECMs being implemented in schools by Constellation.
3. Offers learning opportunities for students at all levels through customized grade-level specific programs.
4. Provides direct teacher and student support through an ongoing relationship with Constellation's Sustainability in Action Team Leader and Constellation's corporate resources.



## STAKEHOLDER COMMUNICATIONS

Constellation provides community outreach program materials to aid students and staff in communicating the benefits of their school's energy efficiency and sustainability initiatives.

### WHEN YOU SAVE WATER, YOU SAVE ENERGY TOO!

Pumping and treating the water that comes to your faucet and goes down the drain uses lots of energy.



Nearly 3 percent of our nation's energy is used for drinking water and wastewater services at a cost of about \$4 billion per year. This adds about 45 million tons of greenhouse gases to the atmosphere per year.

### WHY SAVE WATER?

Water is a precious resource in short supply. When you save water you save money. You can save up to \$15 each month—over \$180 per year—by saving water.




More water flows through the bathroom than any other room. The toilet alone can use 27 percent and the shower nearly 17 percent of your home's water.

### WHERE CAN YOU SAVE WATER?

#### In the kitchen

- Turn off the faucet when you're not using the water while doing dishes.

#### In the bathroom

- Take short showers instead of baths. An average bath requires 30-50 gallons of water. A 5-minute shower with a low-flow shower head saves about 12 gallons per shower.
- Turn off the faucet when you're not using water while brushing your teeth.
- Don't use the toilet as a wastebasket.

#### In the laundry room

- Wash only full loads of laundry.

#### In general

- Leaving water run when you're not using it wastes hundreds of gallons a month. Turn off the faucet.
- Report water leaks as soon as possible.

A faucet leaking one drop per second can waste more than 3,000 gallons per year!

IF YOU USE WATER WISELY AND TAKE SIMPLE STEPS TO SAVE ENERGY, YOU CAN SAVE YOUR FAMILY UP TO \$480 OR MORE PER YEAR. YOU'LL ALSO HELP SAVE THE PLANET.



### ATTENTION! JEFFERSON HIGH SCHOOL TEACHERS & STAFF

Constellation Energy will be retrofitting all light fixtures with new energy efficient lighting technologies beginning March 8, 2009.

This energy upgrade is part of Preston's overall Guaranteed Energy Savings Project. The upgrade will save the school system \$75,000 annually!

Service will be performed between 4 p.m. - 2 a.m. with minimal disruptions to your workspace.

If you have any questions or concerns, please contact Mike Smith on 410.555.1212.

## FUNDRAISING OPPORTUNITIES

Constellation provides fundraising support tied to each school's energy efficiency and sustainability initiatives. These fundraising efforts can include but are not limited to:

- School Savings Challenges**—Students can obtain pledged amounts per ton of Greenhouse Gas (GHG) emissions reduced by the ECMs implemented. Once the ECMs are installed and commissioned, Constellation helps school partners produce initial sustainability reports including the metrics used to determine the dollar amount each pledged donor will contribute;
- Home Savings Challenge**—To keep momentum going, students can obtain additional pledges based on the energy efficiency measures installed in their homes. These savings can be quantified and the proper donations collected each year; these efforts can even become a “tradition” for specific classes (e.g., an annual 8th grade Earth Sciences curriculum);
- Naming Rights**—Naming rights for new equipment can be used to raise donations; and
- Community Matching Program**—Students, faculty and staff can implement community programs combining revitalization and energy efficiency, again obtaining pledged amounts for measurable accomplishments (e.g. trees planted, high efficiency light bulb installation, etc). These initiatives can raise money and effectively galvanize student, parent, community, faculty and staff pride.

Constellation will provide targeted materials for our school partners to develop, publicize and implement fundraising opportunities tied to their energy efficiency and sustainability initiatives.



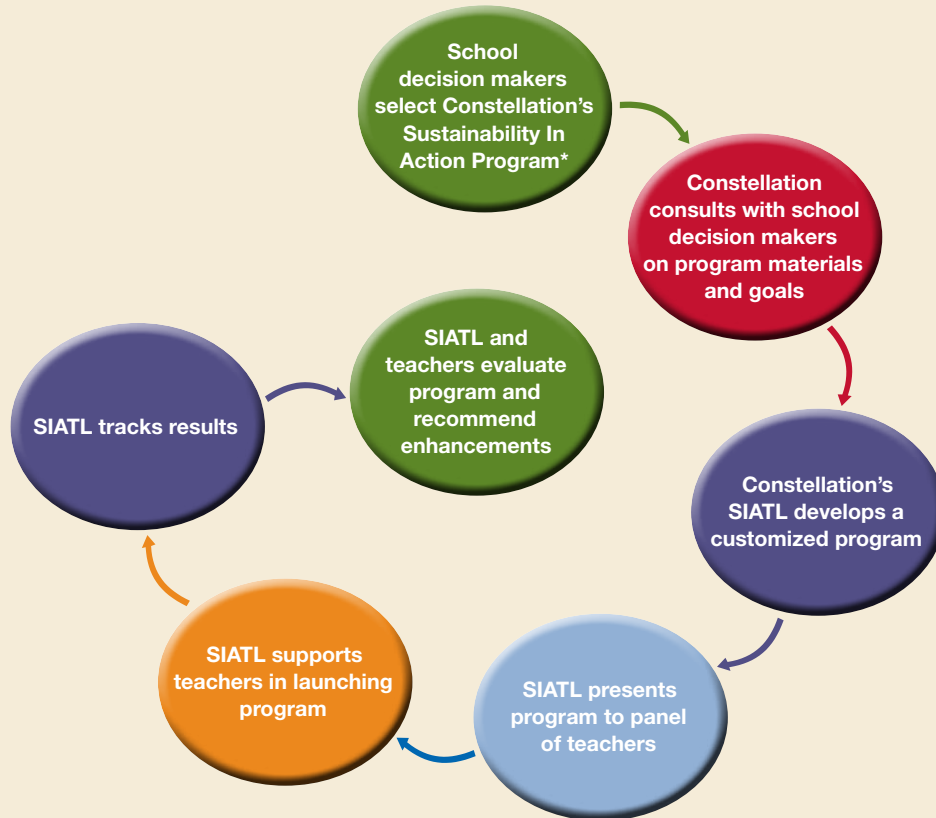
Pictures from community beautification events in which students planted trees and collected trash. Constellation provides community outreach programs and materials as an integral part of our Sustainability in Action initiative.



## HOW THE PROGRAM WORKS

Constellation's Sustainability in Action Team Leaders (SIATL) help key decision makers create a customized sustainability program tailored for their individual school(s). Sustainability in Action Team Leaders work directly with teachers and key decision makers to create a high impact program.

### CONSTELLATION'S 7 STEPS TO SUSTAINABILITY\*



*\*As part of a comprehensive energy conservation program with Constellation.*

Constellation Energy is an accredited "Energy Services Provider" as certified by the National Association of Energy Service Companies (NAESCO).

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# Constellation Energy®

The way energy works.®

## Call Us

To discover how we can put our expertise to work for you, call us today.

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55% recycled, 30% post consumer waste