

CenterPoint Energy

Energy Efficiency Programs Bulletin



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ABOUT THE PROGRAMS

SCORESM and CitySmartSM are no-cost programs offered by CenterPoint Energy to school and government customers to improve energy efficiency and reduce operating costs.

The programs offer a combination of the following services:

- Benchmarking energy performance among facilities.
- Developing an Energy Master Plan to assist the partner in managing costs.
- Assisting in identifying cost-effective projects and funding sources.
- Providing financial incentives for energy saving achieved from completed projects.
- Promotion of the partners' accomplishments through communications support.

The programs are sponsored by CenterPoint Energy and administered by CLEARresult. For more information, please contact CLEARresult at (512) 327-9200 or kputman@clearresult.com.

You may also contact Cheryl Bowman, CenterPoint Program Manager, at (713) 207-5631 or cheryl.bowman@centerpointenergy.com.

A Program Year In Review: Looking Back at 2010

What a great year! As the 2010 program year came to an end last December, it was apparent that the SCORESM and CitySmartSM programs were tremendously successful.

Through 215 projects, program partners saved a total of 6.48 megawatts of electric demand, equivalent to eliminating the annual greenhouse gas emissions of about 2,136 passenger vehicles, according to U.S. Environmental Protection Agency Calculations.



In addition, the programs paid more than \$1,265,151 in incentives to 28 partners.

As the 2011 SCORE and CitySmart Programs kick off, Program representatives anticipate equal, if not greater success, this year.

For details about the programs, please reference the 2011 SCORE and CitySmart Program Manual, available through your SCORE or CitySmart representative.

Students Help Drive Energy Efficiency

Awty International School was awarded a grant from ConocoPhillips and TOTAL to increase the energy efficiency of its buildings. The school solicited ideas from its students in a contest called the "Green Building Challenge." In addition to a cash prize, the winning students got to see their project idea brought to life.

"It's important to teach students about using energy wisely," said Awty International teacher Robert Sload. "And what better way to get students excited about energy than through a competition with a real incentive?"

Awty International School partnered with CenterPoint Energy's SCORE Program to help students create project proposals. SCORE Program Consultant Steven Gremillion visited classrooms and spent time teaching students about various high efficiency lighting and air conditioning technologies.



The winning proposal was a lighting upgrade that will save the school more than 21,300 kilowatt-hours of energy use, equivalent to the carbon dioxide emissions of more than 1,700 gallons of gasoline. In addition to the energy savings, the school received an incentive check of \$1,600 from CenterPoint.

"We're pleased to be a part of such a great educational opportunity where students learn how to save energy," said CenterPoint Program Manager Cheryl Bowman. "Aside from the environmental benefits and the financial savings, watching these students learn our business, recommend projects and witness campus upgrades was a bonus that we at CenterPoint appreciate."

PARTNER SUCCESS

The following partners completed projects over the last few months and were awarded incentives:

- Aldine ISD**
\$73,478
- Alief ISD**
\$217,998
- City of Missouri City**
\$11,947
- City of Pearland**
\$9,107
- City of Richmond**
\$4,001
- City of Sealy**
\$2,533
- City of Sugarland**
\$13,459
- City of West University Place**
\$3,452
- Clear Creek ISD**
\$20,298
- Cypress Fairbanks ISD**
\$79,975
- Fort Bend ISD**
\$23,133
- Goose Creek CISD**
\$4,310
- Houston Community College**
\$109,313
- Houston ISD**
\$21,311
- Humble ISD**
\$41,636
- La Porte ISD**
\$12,207
- Lamar CISD**
\$69,133
- Lone Star College System**
\$126,876
- Needville ISD**
\$12,716
- Santa Fe ISD**
\$2,717
- Spring Branch ISD**
\$97,514
- Spring ISD**
\$93,628
- TDCJ**
\$3,515
- Tomball ISD**
\$29,622

Congratulations Partners!

BENCHMARKING

Benchmarking provides a solid base for establishing clear goals and defining your energy management strategy. The benchmarking process first analyzes your various facilities' energy usage and then expresses the results in a full color, customized Benchmarking Report. This report graphs such useful information as energy use/square foot, cost/square foot and cost/occupant.

The Report further compares your buildings' energy performance against buildings both locally and in similar climates across the country. These results then help identify which of your facilities offer the greatest opportunity for energy and cost savings. This benchmarking process has proven to be a highly useful

tool in implementing energy efficiency opportunities and better management practices.

Benchmarking can benefit your organization by:

- Helping focus energy efficiency investments in a cost-effective manner
- Helping organizations gather, analyze and understand the importance of tracking energy usage data
- Identifying Key Performance Indicators for future reporting
- Determining if facilities qualify for energy efficiency awards and certifications
- Creating marketing value by providing proof of efficiency to donors, investors, tenants, or

the community

- Supporting investment grade audits on lower-performing buildings

Already Benchmarked?

You know where you were, now find out where you are. For those that have already benchmarked facilities in the CenterPoint SCORE/CitySmart Programs, there are continued benchmarking services available to you at no cost. Comparing the energy consumption and Energy Star® ratings of your facilities' over multiple years allows opportunities to identify future energy efficiency investments.

For more information about benchmarking your facilities, contact David Goett at (908) 642-8141 or dgoett@cleareresult.com.

Alief ISD Hooked on Efficiency

Who says you can have too much of a good thing? Certainly not Alief Independent School District in Houston. Since joining CenterPoint's SCORE Program, Alief ISD has implemented energy efficiency projects in 30 of its buildings. Early on, the district took advantage of the Program's no-cost technical assistance to learn about efficient technology, such as the highly efficient two-lamp, premium ballast T8 lighting system with low-wattage lamps.

"When you see the functionality and savings, these upgrades can be addicting," said Energy Manager Mathew Browne. "The light quality has improved, and implementing these changes district-wide ensures that all students reap the benefits of that."

The lighting improvements at these buildings have resulted in more than 3.9 million kilowatt-hours of reduced annual energy use, equivalent to the carbon dioxide emissions of 545 passenger vehicles. CenterPoint has awarded the exemplary school district with incentives totaling \$281,360.

Savings Bloom in Spring ISD

In an effort to save energy and money, Spring Independent School District in Houston included energy efficient lighting and air conditioning systems in its newly-constructed Gloria Marshall Elementary School.

"It's important that our district does its part to become energy efficient," said Tamara Tillman, director of accounting and energy. "We're thrilled with the comfort level inside the new classrooms and are pleased that our students and faculty have the opportunity to experience an energy efficient environment the majority of their day."

With installed measures such as geothermal heat pumps, solar tubes, sensor-activated ventilation, multi-level lighting and live energy meters, the new school building earned a Leadership in Energy and Environmental Design (LEED) green building certification, which guarantees its eligibility to serve as an energy education field trip destination.

Spring ISD received an incentive check of more than \$64,000 from CenterPoint's SCORE Program.

The incentive amount was determined by the total amount of energy the district will save. The projects saved nearly 650,000 kilowatt-hours of electricity, equivalent to the carbon dioxide emissions of nearly 90 passenger vehicles, according to Environmental Protection Agency estimates.

"The SCORE Program was instrumental in implementing these new, high efficiency projects," said Tillman. "While students and faculty are enjoying the comfort in the buildings, the district is already appreciating the financial savings."

