

SAM HOUSTON STATE UNIVERSITY LIGHTING UPGRADE

A SCORE® Program Case Study - Phase I

- Through Entergy Texas, Inc.'s SCORE Program, Sam Houston State University in Huntsville significantly reduced energy consumption by moving to one-lamp light fixtures. The project included over 500,000 square feet of varied-age buildings and a tight timeline of 75 days. All new designs and components had to meet requirements set by the Energy Conservation Office to qualify for financial incentives.
- Energy Performance Lighting developed a one-lamp 2x4 kit with a prismatic lens to distribute light evenly in the space. More than 60 percent of the new fixtures have one four-foot lamp that consumes only 25 watts of energy. The inventory was reduced from more than 13 different ballast types to four and more than 18 lamp types to six.
- Unneeded fixtures were disconnected. The average rated life of a lamp went from 10,000 hours to more than 50,000 hours, which extended maintenance from every three years to every 15.



To learn more about the SCORE Program, visit www.clearesult.com today.



“The Phase I lighting upgrade has resulted in less energy being used by the campus and lower utility costs,” said Sandra Gray, Sam Houston State University. “The savings goes back into more improvements for our students.”

PROJECT AT A GLANCE: LIGHTING UPGRADE PHASE I

Annual A/C Savings Reduction:	\$54,600
Lighting Energy Reduction:	71%
Annual CO ₂ savings:	2,340 tons
Estimated Annual Lighting Savings:	\$122,838