



Department of Engineering Technology, Surveying, & Digital Media
Box 70552
Johnson City, TN 37614-0552
Phone: (423) 439-7822 Fax: (423) 439-7750

Garth Ghearing
Lecturer
111A Wilson-Wallis Hall
(423) 439-7825

East Tennessee State University

Sustainability Tracking, Assessment and Ranking System
Association for the Advancement of Sustainability in Higher Education
13½ North Limestone
Lexington, Kentucky 40507

August 10, 2011

Re: East Tennessee State University Letter of Affirmation for Innovation Credit

Deliberating STARS Representative:

This letter of affirmation is intended to document that the East Tennessee State University's Industrial Assessment Center is eligible for an AASHE STARS Innovation Credit.

The ETSU Department of Engineering Technology, Surveying, and Digital Media, as part of a U.S. Department of Energy program, formed an Industrial Assessment Center in 2006. The center has performed more than 20 assessments for industrial centers in the surrounding area free of charge. The team of students and faculty perform a two day visit to the facility. The team then analyzes the measurements taken along with the processes particular to the plant. The team then writes a report for the client and logs the anonymous recommendations in the IAC database so that others can learn from the experience and affect energy savings elsewhere. The center trains students who then educate industries in the area in ways that they can reduce their utilities usage.

Select metrics for the ETSU IAC include:

- The ETSU IAC's recommendations have led to a reduction of over \$1 million in area industries' energy and water usage through client implementations.
- The ETSU IAC's recommendations have led to around 10 million kWh in real world energy reductions through client implementations.
- 75% of the ETSU IAC's graduating students have found jobs in the field of assessment and reduction of energy usage or continue to with the IAC.

For more information regarding the ETSU IAC please see the National IAC website at <http://iac.rutgers.edu/> or you can reach me via the contact information below.

Thanks,



Garth Ghearing
East Tennessee State University Box 70552
Department of Engineering Technology, Surveying & Mapping, & Digital Media
111A Wilson-Wallis Hall (Bldg-16)
Johnson City, TN 37614-0552
(423) 439-7825 faculty.etsu.edu/ghearingg