



A College of the State University of New York

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Association for the Advancement of Sustainability in Higher Education
Sustainability Tracking, Assessment & Rating System
2401 Walnut Street Suite 102
Philadelphia, PA 19103

To Whom It May Concern:

This letter supports Onondaga Community College's Sustainability Tracking, Assessment & Rating System (STARS) innovation credit for the College's Furnace Brook Center Smart Home Laboratory.

Onondaga Community College developed an innovative "smart home" laboratory for the College's electrical technology program in order to teach students about advanced green technology. The Furnace Brook Center features a 5.3 kW solar array, a geothermal heating and cooling system, and sophisticated electrical switches and outlets that allow complex electricity monitoring and controls. The smart home laboratory also features other "smart" technologies such as an internet connected refrigerator and other smart appliances and equipment in the home network that can be monitored and controlled remotely. The Furnace Brook Center Smart Home Laboratory was funded through a Department of Energy grant. The innovative laboratory provides a unique demonstration site for green technologies that contributes significantly to student learning.

Sincerely,

John E. Lyon, PE

Assistant Professor
Electrical Technology