



LAKES REGION COMMUNITY COLLEGE – ENERGY AUDIT



Owner: Lakes Region
Community College

Scope of Work: Energy
Audit

Location: Laconia, New
Hampshire

This project was to provide energy auditing services for Lake Region Community College which included two buildings. The work included the review of lighting, HVAC systems, mechanical and building envelope to find savings and projects through energy conservation. The study and analysis was based on an ASHRAE Level II audit and involved ARRA funding requirements. The result was a report indicating simple payback information and savings and identification of available financial sources and/ or rebates. Services included the evaluation of various alternative energy and energy conservation opportunities that may be employed.

Areas evaluated by the H.L. Turner Group were the energy efficiency and capability of the thermal envelope of the existing building to accept proposed changes, alternative energy options, including solar and geothermal, maintenance and operational cost savings, energy conservation, reclamation, and recycling, current conservation measures and practices, and energy distribution methods for use with existing systems or replacement HVAC systems.

