

## **Appendix C: New Hampshire Energy Sector Partnership Abstract**

The Energy Efficiency Training Project is a statewide strategy to safeguard New Hampshire's economic outlook by reducing carbon use, increasing energy efficiency, and preparing workers to meet the growing demand for these efforts. New Hampshire's Workforce Investment Board, The Office of Workforce Opportunity (OWO), is applying for \$2.75 M through the state's Department of Resources and Economic Development (DRED) to implement this project. Energy efficiency and sustainable energy strategies were prioritized by the strategic plan of the steering committee, the New Hampshire Energy Sector Partnership (NHESP), as providing an immediate opportunity to impact greenhouse gas emissions. The NHESP's focus in this grant is specific to energy efficiency. As many current initiatives are residential projects, the NHESP plan supplements these efforts by concentrating on public and commercial buildings.

Operating statewide, this project will prioritize unemployed, underemployed, and incumbent workers and veterans, with special emphasis on enrolling women in traditionally male-dominated fields. Due to its size, geography and WIA state plan, the Energy Efficiency Training Project will operate through a single, unified Project Team to capitalize on New Hampshire's centralized workforce operations and infrastructure. This project leverages existing, proven training programs into a comprehensive sector strategy. A range of supportive services and entry/exit points are offered, ultimately resulting in relevant credentials and a family sustaining career. Training is comprised of a number of coordinated components, as follows:

Basic Skills: The NHESP recognizes the importance of skills remediation for each of the priority populations, especially disadvantaged participants for whom insufficient basic skills may be a major impediment. The Community College System of New Hampshire (CCSNH) will provide basic skills and developmental education to participants requiring remediation. As

Project Team partners, NH Works and training providers will assess skill levels and refer participants to the CCSNH as needed. The CCSNH will work closely with other partners to ensure that participants are supported as they transition into more advanced training.

Pre-Apprenticeship/Apprenticeship Training: The NHESP will direct the Joint Apprenticeship Training Council (JATC) in developing energy efficiency apprenticeship training curricula, including skills to retrofit municipal, state and commercial buildings. The International Brotherhood of Electrical Workers (IBEW) will use the curricula to offer opportunities to both entry level and incumbent workers with opportunities to combine paid work with learning through on-the-job training. Entry level training will be towards electrical retrofitting, auditor and technician careers. Incumbent worker training will upgrade skills and emphasize industry-recognized credentials for commercial and public building retrofit demands.

Building Performance Institute Training Program: The Community College System of New Hampshire (CCSNH) will provide training for the Building Performance Institute (BPI) professional certificate for energy efficiency retrofitting. BPI is a nationally recognized training program providing skills in weatherization assistance. The forty-hour intensive training, provided statewide at CCSNH's thirteen campuses, will train unemployed and underemployed workers to enter Building Analyst and Implementation Contractor occupations.

Energy Services and Technology Program: The CCSNH Energy Services and Technology Program (ESTP) provides students with industry-recognized Associates degrees and pre-Associates degree certificates in energy efficiency and renewable energy. The ESTP targets students who have completed the BPI or similar programs and are seeking further skills or career opportunities, including Bachelors and Masters programs. Graduates will be prepared to work as

Energy Auditors, Energy Analysts, Building Operators, Resource Conservation Managers, and Measurement and Verification Technicians, among others.

Build Green New Hampshire: The Home Builders and Remodelers Association of the Build Green New Hampshire<sup>®</sup> program will provide building trades training to underemployed, unemployed and emerging workers. The Build Green New Hampshire<sup>®</sup> Program provides certification services to home builders, remodelers, and other industry professionals, and will adapt its current curricula to include a focus on skills for non-residential services. Builders, remodelers, and other building professionals who successfully complete the program and earn their Certified Green Professional<sup>™</sup> (CGP) or Master CGP will support many energy efficiency and greenhouse gas emissions reduction initiatives in commercial and public buildings.

Other Training: The NHESP will provide the Community Action Agencies (CAA) with funding to capitalize upon and adapt their energy auditor, insulation and combustion training programs to the commercial and public building sector. Additionally, the NHESP will conduct analyses in order to issue competitive grants to fill any remaining gaps in energy efficiency training, and to begin coordinating training in sustainable energy.

Projected Training and Placement outcomes are outlined in the following chart:

<b>Projected Participant Outcomes</b>	<b>Total</b>
Total Served	828
Total Beginning Education/Training	828
Total Completing Education/Training	745
Total Completing Education/Training that Receive a Degree or Certificate	704
Total Completing Education/Training and Placed into Unsubsidized Employment	662
Total Completing Education/Training and Placed into Training-Related Unsubsidized Employment	580
Total in Unsubsidized Employment at 1 <sup>st</sup> and 2 <sup>nd</sup> Quarters After Initial Placement	563