

## FY24 CLIMATE-CRITICAL WORKFORCE TRAINING, EQUIPMENT, AND INFRASTRUCTURE GRANTS



**Asbestos Workers Local 6 Apprenticeship Fund** - Local 6 Apprenticeship Fund will expand the existing curriculum to include instruction regarding the installation and maintenance of removable insulation blankets. At the same time, Local 6 Apprenticeship Fund will be building upon its existing track record of providing career opportunities for individuals from identified Environmental Justice neighborhoods, by expanding recruitment and retention efforts.

The grantee will also purchase the equipment and materials needed to expand the existing curriculum. The equipment will enable apprentices to convert raw cloth materials into form-fitting blankets that provide effective insulation, creating the opportunity to practice installing and maintaining blankets on different types of piping.



**Gloucester High School** - Gloucester Public Schools' CTVE workforce development program will modernize and expand existing Chapter 74 programs in Automotive and Advanced Manufacturing. For the automotive training curriculum, they will add curriculum geared towards EV skilled technician training, including Fundamentals of Electric Vehicles, Battery Systems, Charging Infrastructure, Diagnostic Procedures, Safety and Environmental Considerations, and Hands-on Practical Training. Work readiness curriculum will run along with the EV technician training and the Advanced Manufacturing training to prepare students to enter the workforce.

Gloucester High School will also use funds to incorporate electric vehicle training into the existing Automotive Technology program by updating the building envelope to make the environment waterproof and safe; install EV simulators, equipment, and safety PPE; and updating the compressors that run the pneumatic tools. Grant funds will also be used to update the computers and compressor in the Advanced Manufacturing program.



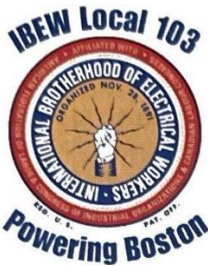
**HVAC Pro Blog LLC** - HVAC Pro Blog LLC will build the staff capacity and partnerships needed to launch the proposed workforce development program to facilitate the transition of existing fossil fuel workers in Residential HVAC Contractors across Massachusetts to clean energy practices with cold climate heat pumps. By providing in-person ACCA Residential System Design and Quality Installation Training, virtual



support, and creative content, the proposed program will address barriers such as the cost of advanced training, limited availability, and travel constraints. Through strategic partnerships, subsidies, and flexible scheduling, the initiative will make training more accessible and convenient for participants.



**Julius Education** - Julius Education will develop the Massachusetts Green Labor Market Intelligence (“LMI”) Hub, a scalable infrastructure for AI-driven insights with real-time labor market intelligence for MassCEC priority occupations, including regional job demand, priority skills, and in-demand education and certification Requirements.



**Local 103 I.B.E.W. Education Corporation** - The Greater Boston Joint Apprentice Training Center (“JATC”), a collaboration between the International Brotherhood of Electrical Workers (“IBEW”) Local 103 and the National Electrical Contractors Association (“NECA”) of Greater Boston, will refurbish the JATC’s wind turbine and integrate the turbine into IBEW’s apprenticeship and clean energy pre-apprenticeship Programs.



**National Grid** - National Grid, in partnership with Community Work Services (“CWS”) and Training Resources of America (“TRA”), will scale and sustain the National Grid Energy Infrastructure Academy (“NG EIA”). The NG EIA is an immersive upskilling program which trains Greater Worcester and Greater Boston residents from historically underrepresented and marginalized communities in the skills needed for clean energy roles



**Northeast Home Energy Rating System Alliance (NEHERS)** - NEHERS will develop an in-house RFI and Modeler curriculum to deliver live trainings, revise and streamline the HERS Rater Training and Reference Manual, design pull-out sections for RFIs and Modelers, and prepare the manual for future translation into other languages. NEHERS will also expand the HERS Rater Training mentorship program to include career advancement for incumbent workers, small business development, and a HERS Rater train-the-trainer program, to grow a diverse and skilled pool of trainers available to meet the growing demand for HERS-related training.



**South Middlesex Opportunity Council “SMOC”** - SMOC’s Green Jobs Academy will implement a 12-month training program to engage regional student cohorts to cover a range of skills and credentials. The program will employ the National Renewable Energy Laboratory’s Installer Badges Toolkit, a flexible, customizable approach to training skilled workers for the home energy-retrofit industry and will provide training modules to meet all Installer Badge requirements. After participating in the program, students will obtain and retain clean-energy-industry job placements at mid- to high-level positions that offer competitive pay in the current market.



SMOC’s Green Jobs Academy will also purchase essential training equipment including infrared cameras, blower door systems, and insulation blowing machines to be better able to simulate hands-on field training exercises with the latest technology.

**Upper Cape Cod Technical School, Adult & Continuing Education - UCT** will provide Electrical Code and Theory Level 1 training with entry to apprenticeship to sixty (60) students from underrepresented populations, including opportunity youth. The 9-month program will include significant supports including provided tools and supplies and wraparound social support services, including career counseling, work-readiness, mentorship, ESOL, and other resources to reduce obstacles to success. UCT will recruit students from the South Shore, Cape Cod and the Islands, as well as from the Federally Recognized and State-acknowledged Tribes.



UCT will also purchase equipment including EV chargers, a prefabricated building, and electrical panels and wiring to enhance the hands-on learning environment and experience of electrical students and other students entering climate-critical occupations