



Empowering the Next Generation Clean Energy Workforce

THE RENEWABLE NATIONS INSTITUTE & EMPEQ



The Green Earth Corps (GEC) is a Renewable Nations Institute (RNI) STEM-based instructional technology program designed to generate a career pipeline for the energy efficiency and renewable energy (EERE) industry. Peer reviewed by over 20 years of research partnerships with Tier R1 Doctoral Universities, the GEC is proven to motivate youth from disadvantaged communities nationwide to pursue STEM-based, energy-related careers.

RNI has partnered with EMPEQ to improve the capacity of the GEC program to put advanced energy data collection, modeling, and simulation tools in the hands of teachers and students. The intended impact will be to fast-track the creation of entry level jobs in energy auditing and benchmarking. This emerging technical workforce will have the capacity to develop — utilizing the EMPEQ Fast Site Survey™ app — an inventory of existing “as-built” specifications, thereby providing critical decision support services for all stakeholders engaged in the EERE industry at project inception.

Founded in 2016, EMPEQ’s mission is to accelerate the reduction of carbon dioxide (CO₂) and greenhouse gas (GHG) emissions at-scale in the built environment by streamlining energy audits and clean energy project development through automated site survey capabilities powered by the EMPEQ Fast Site Survey™ app. The company seeks to improve the living standards of disadvantaged communities by using AI to lower the barrier to entry into the job market for the EERE industry.

Together, Renewable Nations and EMPEQ can . . . **and will** . . . help empower the next generation of EERE industry professionals to transition the nation’s energy sector to net-zero carbon emissions.

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