



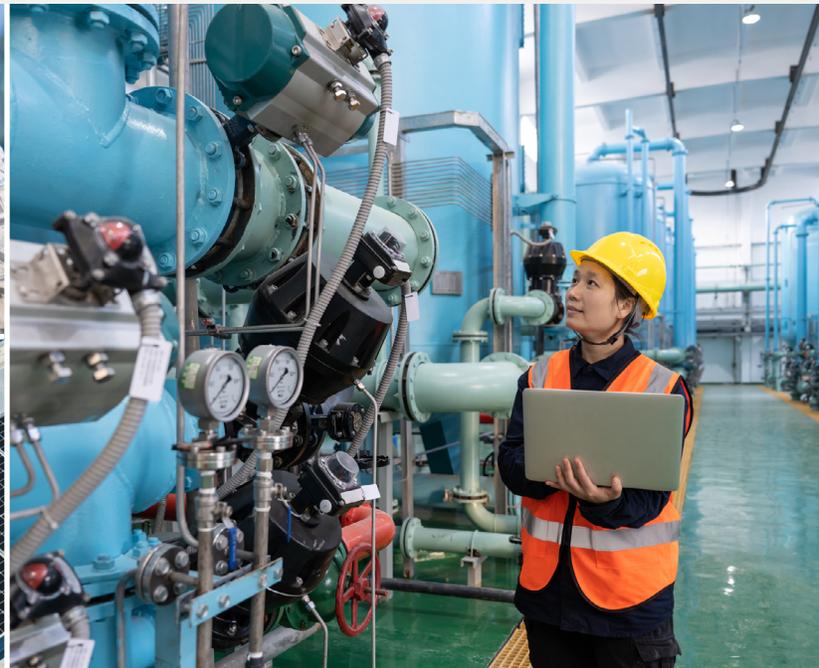
POWER UP THE FUTURE

The Importance of Energy Education

It's time to bring energy curriculum into your classroom. **We're here to help.**

The energy sector is projected to hire 32 million people over the next decade. Employers need students with GEDs, PhDs, and everything in between to design, engineer, build, manufacture, and operate the energy ecosystem – and to manage the business of the sector. With stable employment and strong career growth potential, these in-demand careers are readily available in communities throughout the nation.

The adoption of the new Energy and Natural Resources Career Cluster means students, especially those in Career and Technical Education, can now more easily learn key industry disciplines and understand how to take the first step to an energy career *if they are provided the opportunity.*



WHY ADOPT ENERGY EDUCATION

- High earning potential, with many careers offering above-average opportunities
- High demand for skilled workers fueled by significant industry growth projected by the U.S. Bureau of Labor Statistics
- The growing skills gap in the energy sector means employers are struggling to find qualified workers with the necessary technical and practical skills
- To address natural security and promote sustainability, the energy sector requires students who have a deep understanding of these issues and the skills to build a more sustainable energy future
- 61% of Gen Z workers say they want to get a green job within the next five years, yet fewer than 20% say that they see a clear path to getting those jobs
- Fewer than 1 in 5 Gen Z has a very good awareness of the different clean energy career paths to break into
- Gen Z is expected to make up a third of the workforce by 2030, but only 1 in 10 will have sufficient green skills
- 78% of Gen Z students believe that if they were offered training, they would be able to learn new or improved green skills that will allow them to perform a green job



HOW TO ADOPT ENERGY EDUCATION

- Allow the Center for Energy Workforce Development (CEWD), a national, neutral energy workforce non-profit, to serve as a resource on energy education and curriculum, including the Energy and Natural Resource Career Cluster, competencies, and framework
- Use the new Competencies and Framework for Secondary Energy Education as your roadmap (*Similar frameworks will be available for post-secondary and primary education early in 2025.*)
- Utilize the free Energy Industry Fundamentals 2.0 curriculum developed by industry leaders and educators for secondary and post-secondary students (*Curriculum available in English and Spanish.*)
- Partner with energy employers to bring energy education to life through guest presenters, lab instruction, field trips, and connections to internships and jobs
- Register your interest in a summer externship for energy education through CEWD's Get Into Energy initiative at www.GetIntoEnergy.org (*CEWD cannot guarantee connections or acceptances for such programs, but will be a matchmaking advocate.*)
- Learn more about energy careers at www.GetIntoEnergy.org

