

Massachusetts Climate Careers: Powering the Future Evaluating Climate-Critical Careers



Who am I?

Ask your classmates "yes" or "no" questions to identify your career.





Do Clean Energy Careers Offer Opportunity?

Advances in climate-tech will result in a range of new career opportunities, but will those jobs be long-lasting, pay well, and provide opportunities for growth and promotion?



Yes! Clean Energy Jobs are in Demand

Join the next generation of creators, thinkers, leaders, and doers, working together to tackle the climate crisis. Help to build a clean energy and climate-resilient future in your own community and across the nation.









Today's Agenda

- The Big Question and My Climate Goals
- Finding Your Place in Clean Energy
- Career Spotlights
- Climate Watch Video and Discussion
- Career Interest Discovery Activity
- Takeaways and Closing





How do I evaluate which climate-critical roles would best fit me?







When you complete this lesson, you'll be able to:

- 1. Identify career categories and specific occupations in clean energy and climate technology.
- 2. Describe how your interests, skills, desired training, career goals, and work environment preferences affect determining the right career fit.
- 3. Recognize the growing demand and opportunity of climate-critical careers.





Your Place in Clean Energy

To meet the 2030 greenhouse gas emission reduction targets, Massachusetts needs **38,100 additional workers** trained for climate-critical work.





Career Considerations

Skills: what am I good at?

Interests: what excites me?

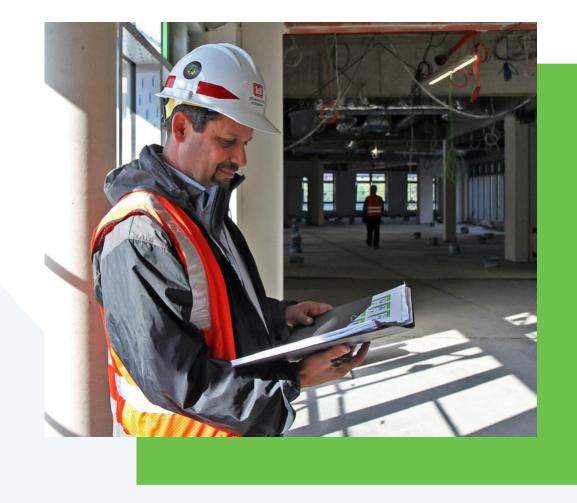
Work environment: what kind of setting do I work best in?

Values: what motivates me?

Growth potential: what do I want to accomplish?

Salary: how much do I need to earn?





Project Manager

Project managers oversee the planning, execution, and completion of clean energy projects.

- **Skills:** organization, problem-solving, communication, leadership
- Work environment: a mix of office and work sites, working with a variety of teams
- Salary Range in MA: \$70,000-\$90,000

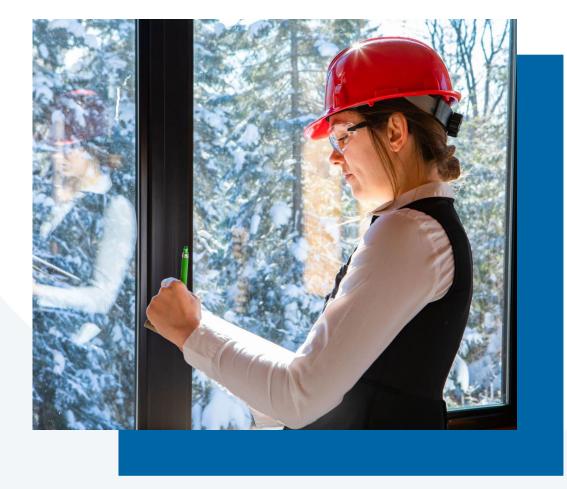
Wind Turbine Technician

Offshore wind turbine technicians maintain and repair wind turbines.

- Skills: mechanical and electrical, comfortable with heights and water, troubleshooting
- Work environment: works as part of a team on offshore platforms with exposure to marine weather
- Salary Range in MA: \$55,000-\$80,000







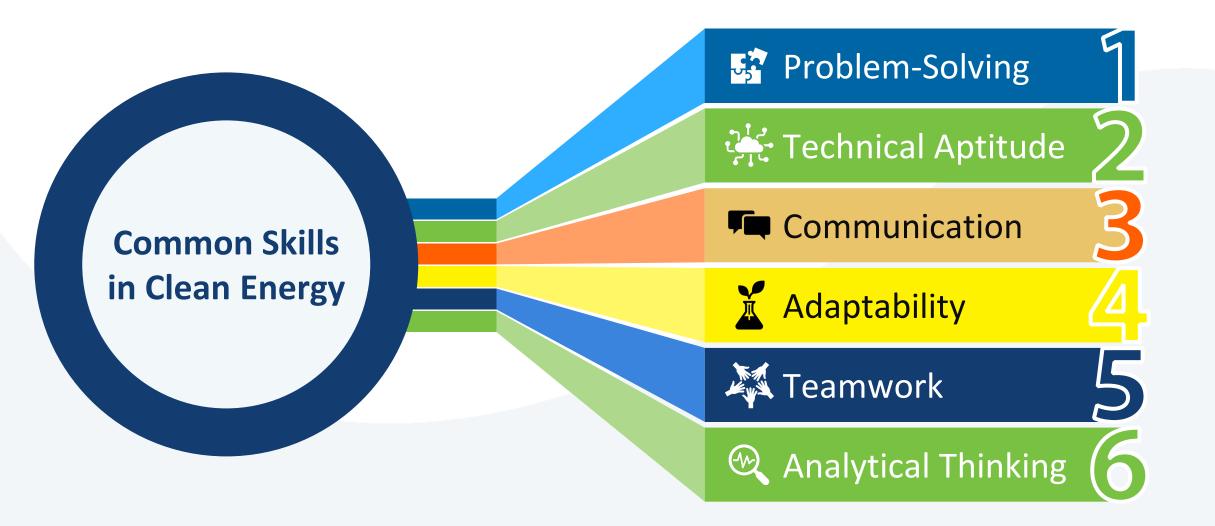
Energy Auditor

Energy auditors assess homes and buildings and recommend upgrades to reduce energy consumption and costs.

- **Skills:** analysis, attention to detail, communications, building systems
- Work environment: often works on their own, mostly indoors in all types of buildings, occasionally outdoors
- Salary Range in MA: \$50,000-\$75,000



Find Your Place in Clean Energy



Climate Watch: Video



Climate WatchClimate WatchDiscussion

- 1. What skills does Eric use on the job?
- 2. What are some ways that Eric learned new technical skills?
- 3. What stands out to you about Eric's career discovery journey so far?





Group Activity

Career Interest Discovery

- 1. Begin to develop a career interest profile.
- 2. Discuss your answers with your small group.
- 3. Help each other uncover insights from your reflections.

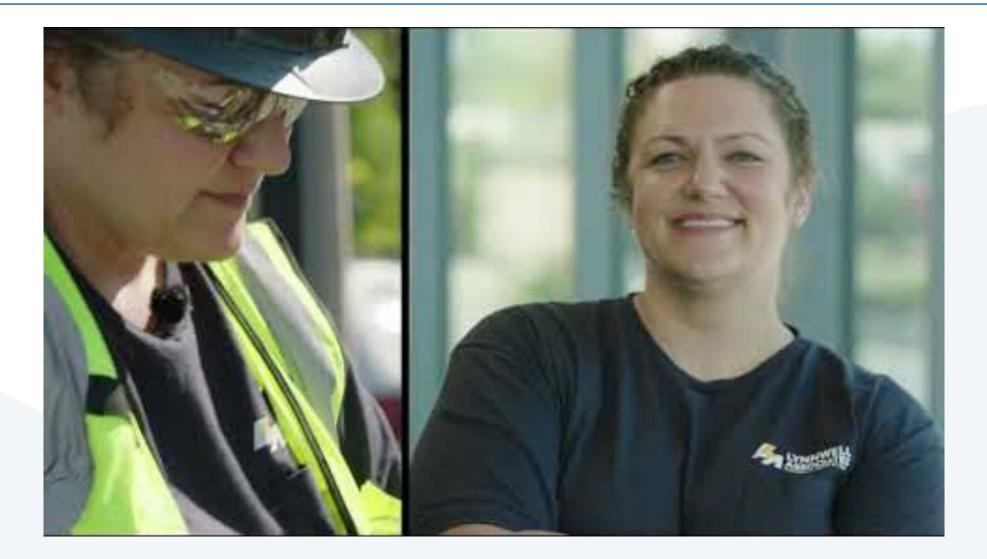




Key Points

- Understand that your career fit matters.
- Clean energy careers are diverse and interconnected.
- Personal reflection is an important part of career exploration.
- The clean energy transition needs many different skill sets.

Career Advice: Video







Closing Activity

Before You Go

- How do your skills, interests, values, and work environment preferences influence how you think about possible career paths?
- 2. What are two categories of climatecritical careers you want to learn more about?





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