

ENERGY EFFICIENCY  
CAREERS JEOPARDY

CAREER MAPPING

ROLES & GOALS

INDUSTRY

JOB DEMAND

CODE  
REGULATION

100

100

100

100

100

200

200

200

200

200

300

300

300

300

300

400

400

400

400

400

500

500

500

500

500

# CAREER MAPPING – 100

Learning construction basics and how to use tools can increase your employability within energy efficient careers (true or false).

# CAREER MAPPING – 100

Learning construction basics and how to use tools can increase your employability within energy efficient careers (true or false).

True

# CAREER MAPPING – 200

Soft skills like verbal and written communication, computer skills, basic math and spreadsheet skills are also valuable to employers (true or false).

# CAREER MAPPING – 200

Like hard skills soft skills like verbal and written communication, computer skills, basic math and spreadsheet skills are also valuable to employers (true or false).

True

# CAREER MAPPING – 300

Which of the following is likely the most effective action you could take if you were interested in an energy efficiency job?

- Take some energy efficiency-focused courses at your college or trade school.
- Consider an energy-efficiency focused certificate program.
- Get some work experience (such as an internship or apprenticeship) with a company that does energy efficiency work.
- All of the above are excellent options.

# CAREER MAPPING – 300

Which of the following is likely the most effective action you could take if you were interested in an energy efficiency job?

- All of the above are excellent options.



# CAREER MAPPING – 400

What are two different energy efficiency-focused courses your college offers?

# CAREER MAPPING – 400

What are two different energy efficiency-focused courses your college offers?

Will vary based on establishment

# CAREER MAPPING – 500

The Building Performance Institute (BPI) issues a certificate program for energy efficiency-focused jobs. Name a professional title they provide certification for.

# CAREER MAPPING – 500

The Building Performance Institute (BPI) issues a certificate program for energy efficiency-focused jobs. Name a professional title they provide certification for.

## Example Certifications

Building Analyst

Energy Auditor

Infiltration & Duct Leakage

AC/Heat Pump Professional

Envelope Professional

Quality Control Inspector

Retrofit Installer Technician (and more)

# ROLES & GOALS – 100

Which industry professionals help people with utility bills make greener choices?

# ROLES & GOALS – 100

Which industry professionals help people with utility bills make greener choices?

Utility energy efficiency program implementation contractors  
(or Energy Auditors)

# ROLES & GOALS – 200

Which industry professionals make sure buildings are healthy, safe and efficient?

# ROLES & GOALS – 200

Which industry professionals make sure buildings are healthy, safe and efficient?

Energy auditors or inspectors  
(or Installers/contractors)



# ROLES & GOALS – 300

Which industry professionals visit and confirm that buildings are safe, in compliance with codes, contractual specifications, and zoning laws?

# ROLES & GOALS – 300

Which industry professionals visit and confirm that buildings are safe, in compliance with codes, contractual specifications, and zoning laws.

Building Code officials

# ROLES & GOALS – 400

Name two ways energy efficiency improves economic health

# ROLES & GOALS – 400

Name two ways energy efficiency improves economic health

Saves homeowners and renters money.

Fosters economic growth and saves community buildings money as well.

# ROLES & GOALS – 500

Name two non-technical energy efficiency careers

# ROLES & GOALS – 500

Name two other non-technical energy efficiency careers

Energy efficiency sales representative

Energy efficiency program assistant or program manager

Real estate agent (with Green Building expertise)

Energy efficiency customer service representative

Accountant or banker, with expertise in financing for energy efficiency projects

# INDUSTRY – 100

Small business and energy efficiency tend to overlap, true or false.

# INDUSTRY – 100

Small business and energy efficiency tend to overlap, true or false.

True



# INDUSTRY – 200

Energy efficiency companies can manufacture, promote, sell and install energy efficient products (true or false)

# INDUSTRY – 200

Energy efficiency companies can manufacture, promote, sell and install energy efficient products (true or false)

True, some do!

# INDUSTRY – 300

There is currently an industry ( excess / shortage ) of code workers. Building code jobs are expected to increase ( slower / faster ) than average growth.

# INDUSTRY – 300

There is currently an industry ( excess / shortage ) of code workers.  
Building code jobs are expected to increase ( slower / faster ) than  
average growth.

Shortage / faster

# INDUSTRY – 400

- Energy efficient buildings can also have better indoor air quality, if they are ventilated right, true or false?
  - True

# INDUSTRY – 400

Energy efficient buildings can also have better indoor air quality, if they are ventilated right, true or false?

True

# INDUSTRY – 500

Name at least three categories of careers in energy efficiency beyond construction.

# INDUSTRY – 500

Name at least three categories of careers in energy efficiency beyond construction.

- Sales and marketing
- Accounting
- Program management
- Policy makers



# JOB DEMAND – 100

Historically, the energy efficiency sector has experienced steady. Circle one ( growth / decline )

# JOB DEMAND – 100

Historically, the energy efficiency sector has experienced steady. Circle one ( growth / decline )

Growth

# JOB DEMAND – 200

Fill in the blank, more energy efficiency means \_\_\_\_\_  
construction jobs.

# JOB DEMAND – 200

Fill in the blank, more energy efficiency means \_\_\_\_\_  
construction jobs.

(more)

# JOB DEMAND – 300

What impact did the pandemic have on energy efficiency and what is the ultimate anticipated outcome for the industry?

# JOB DEMAND – 300

What impact did the pandemic have on energy efficiency and what is the ultimate anticipated outcome for the industry?

The industry took a hit, yet is anticipated to bounce back and grow.

# JOB DEMAND – 400

Energy efficiency entry level wages are:

Higher than national average

Lower than national average

Minimal compared to other sectors

The highest among all sectors

# JOB DEMAND – 400

Energy efficiency entry level wages are:

(Higher than national average)



# JOB DEMAND – 500

Over \_\_\_\_ % of energy efficiency employers in construction indicate that they have a hard time filling jobs.

- 10
- 30
- 60
- 90

# JOB DEMAND – 500

Over \_\_\_\_ % of energy efficiency employers in construction indicate that they have a hard time filling jobs.

- 90

# CODE & REGULATION – 100

What is the primary motivation for improving building codes?

# CODE & REGULATION – 100

What is the primary motivation for improving building codes?  
Safety

# CODE & REGULATION – 200

Code officials **don't** deal with indoor air quality concerns. (true or false)

# CODE & REGULATION – 200

Code officials **don't** deal with indoor air quality concerns. (true or false)

False

# CODE & REGULATION – 300

The NFPA (National Fire Protection Association) offers training specifically targeted on \_\_\_\_\_ (2 words).

# CODE & REGULATION – 300

The NFPA (National Fire Protection Association) offers training specifically targeted on \_\_\_\_\_ (2 words).

... building safety



# CODE & REGULATION – 400

OSHA (Occupational Safety and Health Training) for general  
\_\_\_\_\_ (2 words).

# CODE & REGULATION – 400

OSHA (Occupational Safety and Health Training) for general  
\_\_\_\_\_ (2 words).

... workplace safety

# CODE & REGULATION – 500

Name at least two specific duties of a building code professional.

# CODE & REGULATION – 500

Name at least two specific duties of a building code professional.

- Review building plans and construction documents
- Inspect construction sites & finished homes & buildings
- Issue permits and citations
- Provide advice for compliance