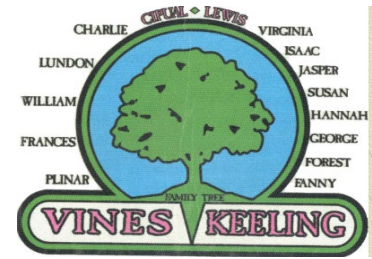


# ApprenticeshipUSA Chat Sheet



March 2025

## Monthly Newsletter for H.S. Students – Energy

### What is the Energy Industry?

The energy industry is a broad sector which includes a number of activities related to producing and selling energy. It includes the extraction and refining of coal, oil and natural gas. The end goal is the distribution and sale of electricity to consumers and businesses. The trend toward the use of Wind and Solar power is expected to continue in the current and next decade.

### Why is Energy Important?

Energy is fundamental to virtually every aspect of modern life. For example:

**Essential for Daily Life:** Powers our homes, providing lighting, heating and cooling;

**Driving Economic Activity:** Lifeblood of industry, powering manufacturing, construction, and other sectors;

**Supporting Social Progress:** Improves living standards, providing access to essential services like healthcare and education;

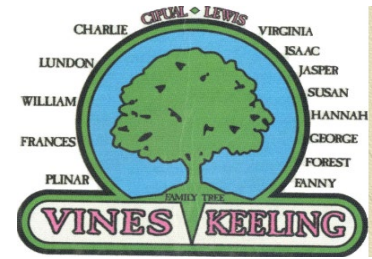
**Enabling Technological Advancement:** Critical to the deployment of Artificial Intelligence (AI).

### What are the Benefits of a Career in Energy?

The Energy field offers a variety of rewarding career paths. The Energy industry is constantly growing, ensuring job stability with high demand for skilled professionals. This is a sample of occupations with excellent future job prospects and average starting pay in parenthesis:

- 1) Warehouse Worker - ( \$34,000/year) w/HS Diploma + Certificate;
- 2) Delivery Driver ( \$36,000/year) w/HS Diploma + Certificate;
- 3) Security Guard ( \$33,000/year) w/HS Diploma;
- 4) Electrician - ( \$35,000/year) w/HS Diploma + Certificate;
- 5) HVAC Technician ( \$35,000/year) w/HS Diploma + Certificate.

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## How to Prepare for a Career in Energy?

If you are interested in a career in Energy, there are a few different ways you can get started. One option is to excel in Core Energy courses (Science/Math/Tech) in high school or community college. Also, hone your written and verbal skills. Volunteer and/or Intern in Energy settings (local Utilities, Environmental Projects).

Another approach is an Apprenticeship. Go to the **ApprenticeshipUSA** link for more information[click the blue] ([Homepage | Apprenticeship.gov](#)). There, you will find Apprenticeship Programs and on-the-job training opportunities which can take 1 to 2 years of hands-on and classroom training with pay. Let me know if you have questions.

For local in-person support you can use your area **American Job Center (AJC)** [click the blue] ([American Job Center Finder | CareerOneStop](#)). Simply enter your Zip code to find your nearest AJC.

## Conclusion

The Energy industry is positioned to expand and offer exciting careers for motivated individuals. Remember, the journey to becoming an Energy professional begins now, so start actively preparing and exploring your options.

## Additional Tips for High School Students and Graduates

- Take advantage of career counseling services at your high school. Your high school counselors can help you to learn more about different career options, including Energy careers.
- Check out the American Job Center (AJC) above.... it's a great resource!