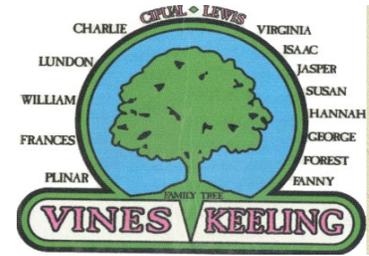


ApprenticeshipUSA Chat Sheet



April 2024

Monthly Newsletter for H.S. Students – Energy

What is the Energy Industry?

The Energy Industry is the powerhouse of our world, literally! It encompasses everything involved in getting the energy we use to power our lives. Think of it as the engine that keeps our society moving! The Energy Industry includes the following business sections:

- a) Finding oil, gas, and coal (fossil fuels);
- b) Harnessing renewables like wind, solar and hydropower;
- c) Oil refining;
- d) Generating electricity;
- e) Transportation of oil, gas, and coal to homes & businesses;

Why is Energy Important?

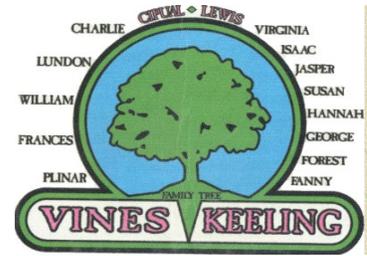
Energy is essential for everything we do, from powering our lights and appliances to running factories and transportation. The energy industry keeps our society functioning and constantly strives to meet the growing demand for reliable and sustainable energy.

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

The Energy field offers a variety of rewarding career paths, and the job outlook for these positions is positive in the coming 24 months. The Energy Industry is constantly growing, ensuring job stability and high demand for qualified workers. This is a sample of occupations with good future job prospects and average starting pay in parenthesis (....):

- 1) Power Plant Operations Assistant **[Assist running & maintaining power plants]** - (Good - \$42,500/year) w/HS Diploma;
- 2) Wind Turbine Tech Assistant **[Service & Maintain wind turbines]** (Good - \$40,000/year) w/HS Diploma;
- 3) Energy Efficiency Tech **[Help businesses and homes reduce energy consumption]** (Good - \$37,500/year) w/HS Diploma;

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- 4) Renewable Energy Installer [**Install solar panels, wind turbines, etc.**] - (Good - \$40,000/year) w/HS Diploma;
- 5) Field Technician [**Assist with Meter Reading, equipment installation & customer service**] (Good- \$32,500/year) w/HS Diploma.

How to Prepare for a Career in the Energy Industry?

If you are interested in a career in the Energy industry, there are a few different ways you can get started. Focus on having strong skills in math and science. Also, hone your written and verbal skills. Volunteer and/or Intern in Energy business settings.

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 or need assistance.

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

- 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 industry careers.