

Get into Energy

GET INTO NATURAL GAS



More than six million Americans work in energy careers that power our country and our lives. They transform things like natural gas, coal, uranium, water, sun and wind into energy. This essential work requires a multitude of competencies and expertise from a skilled, diverse workforce.

ENERGY PROFESSIONALS WORK IN:

- Skilled trade positions
- Technical operations
- Business and engineering roles

Over 3.4 million jobs are connected to the direct use of natural gas in the United States and over 83 percent of this employment happens within local communities.*

WHAT IS NATURAL GAS AND HOW DOES IT BECOME ENERGY?



• Natural gas is the earth's cleanest fossil fuel and is colorless and odorless in its natural state. It is composed of four hydrocarbon atoms and one carbon atom (CH_4 or methane).



• Natural gas becomes energy in many ways. It can be used as a source for heating, cooking, and drying products in a residential or small business setting. It can also be used as a source for power generation, transportation of vehicles and small equipment, as well as used with process heating of raw materials.

Natural gas comprises almost one-fourth of all primary energy used in the U.S. and is directly linked to jobs and economic health.

WHAT ARE THE BENEFITS OF CAREERS IN THE NATURAL GAS SECTOR?

A study published in early 2020** found that the natural gas industry and construction of natural gas infrastructure – both union and non-union – provided:

- Strong compensation
- Comprehensive health care coverage
- A solid avenue for development without the need for higher education at entry levels
- Meaningful and important work
- Career pathways
- Excellent safety training

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WHAT KINDS OF JOBS EXIST IN THE NATURAL GAS SECTOR?

SKILLED TRADES	ENGINEERING & PROFESSIONS
Emergency first responders	Accountants
Pipefitters	Community relations managers
Fleet technicians	Mechanical engineers
Asset protection leaders	Safety professionals
System operators	Labor relations managers
Gas control operators	Lawyers
Welders	Diversity, equity and inclusion directors

* Opportunities also extend to both front line and behind the scene support roles.

A commitment to our environment and climate change has opened even more options for careers in the natural gas sector such as:

- Natural gas leakage analysts
- Renewable energy consultants
- Energy storage of natural gas
- Capture of methane and reuse

HOW DO YOU GET STARTED IN A NATURAL GAS CAREER?

There are many paths to a rewarding career in the natural gas industry. Training in areas including engineering, pipe-fitting, mathematics, and communications can be very useful.

In addition, current professionals suggest:

- Be ready to advance to the next level as you grow in your natural gas career.
- Acquire certifications available on-line and at higher learning organizations
- Explore apprenticeships
- Be flexible to move your home base to another city or state

The natural gas industry offers rewarding careers for those seeking meaningful employment in a vital industry, essential to the way Americans live, work, and play.

**Source: AGA Energy Analysis Benefits to the Economy through the Direct Use of Natural Gas*

***Source: North American Building Trades Unions*



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