

# ENERGY

Jobs in the Energy field involve the production, transmission, and distribution of traditional and alternative energy.



Are you interested in physics and mechanics?

Do you value teamwork?

Do you like using computers?

Do you like working with machines?

Do you worry about the safety of others?

## CAREERS IN ENERGY

1. Wind and Solar Technician
2. Hydroelectric Plant Operator
3. Nuclear Engineer
4. Wind Turbine Service Technician
5. Solar Photovoltaic Installer
6. Geo Scientist
7. Energy Transition Technical Specialist
8. Energy Analyst
9. Wind Operations Leader
10. Environmental Engineering Technician

## CAREER SNAPSHOTS

### Gas Plant Operators

Distribute or process gas by controlling compressors.

**Regional Salary** - \$68,690  
**Education Level** - High School Diploma

#### Daily Tasks

- Monitor transportation of potentially dangerous products to make sure that safety guidelines are followed.
- Start up and shut down plant equipment.
- Contact maintenance crew as needed.

#### Employability Skills

- Attention to Detail
- Initiative
- Problem Solving

### Petroleum Pump System Operators, Refinery Operators, and Gaugers

Operate or control petroleum refining or processing units.

**Texas Salary** - \$72,616  
**Education Level** - High School Diploma

#### Daily Tasks

- Monitor indicators, instruments, gauges, and meters to detect any problems.
- Clamp seals around valves to secure tanks.
- Patrol units to check on the amount of oil in storage tanks.

#### Employability Skills

- Critical Thinking
- Monitoring
- Problem Solving

### Power Plant Operators

Control, operate, or maintain equipment to generate electricity.

**Texas Salary** - \$74,377  
**Education Level** - High School Diploma

#### Daily Tasks

- Monitor power plant equipment.
- Clean and maintain equipment.
- Adjust controls to get specified electrical power.

#### Employability Skills

- Monitoring
- Critical Thinking
- Decision Making



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SOURCE - Bureau of Labor Statistics, O\*Net, Texas OnCourse, and Texas LMI.