

Utilities - Gas, Water, Electricity etc

The Energy Sector is incredibly diverse and includes working in a variety of different areas including:

- Oil & Gas
- Electric
- Solar Power
- Nuclear Power
- Hydro Electricity
- Wave Power
- Wind Power

The National Grid manages the transmission network for England and Wales and manages 31,000 miles of gas pipeline and by 2050 power for 30 million electric cars! The challenges for this industry is massive as it looks to move to a more carbon neutral and environmentally friendly fuel and power options.

With the variety of different areas you can work in this therefore creates a variety of different jobs that you are able to undertake in these areas and these can include:

- Environmental Scientist
- Engineering Geologist
- Project Manager
- Smart Meter Installer
- Customer Service and Sales
- Energy Economist
- Solar Engineer
- Water Sampler
- Leakage Technician

By 2023 nearly 50% of the current workforce reaches retirement age and therefore there is expected to be a high demand for employment within this sector. A keen interest in STEM subjects is required for many areas but there are also lots of other opportunities as well.

Click on the following links to find out more about opportunities in the Utilities industry:

Careers within the Nuclear Industry	Career Path - All About Careers
Careers within renewable power	Careers - RenewableUK
Apprenticeship opportunities within the Energy Sector	Energy Company Apprenticeships
Graduate programmes within the Energy Sector	Graduate Programme - Energy & Utilities Jobs
How to become an Energy Engineer	Energy engineer job profile Prospects.ac.uk
How to become an Engineering Geologist	Engineering geologist job profile Prospects.ac.uk
How to become a plumber	Plumber Explore careers Plumber Careers (Qualifications, Salary, Job Role) Go Construct

How to become an electrician	Electrician Explore careers How To Become An Electrician (Career Path) Go Construct
Careers in Centrica (Gas)	https://www.centrica.com/careers
Apprenticeships and traineeships within British Gas	https://careemap.co.uk/british-gas-apprenticeships-traineeships/
Careers within Eon	https://www.eon-uk-careers.com/en/early-careers/degree-apprenticeships.html

Click on the following links to be able to see and learn more about opportunities in this sector:

Workplace Wednesday - Working for the Environmental Agency	https://youtu.be/WnO0okNNLP4
Job of the Week - Find out what a Geoscientist does	JOB OF THE WEEK - EPISODE #032 - GEOSCIENTIST

Job of the Week - Water Quality Scientist	<u>JOB OF THE WEEK EPISODE #047 - WATER QUALITY SCIENTIST</u>
Job of the Week - Hydrogeologist	<u>JOB OF THE WEEK EPISODE #057 - HYDROGEOLOGIST</u>
Job of the Week - Nuclear Engineer	<u>JOB OF THE WEEK EPISODE #061 - NUCLEAR ENGINEER</u>
Gas Together - gas engineer	<u>A Day in the Life of our Gas Engineer</u>