

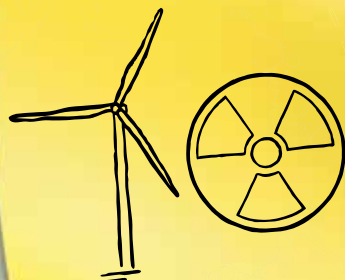
ENERGY AND RENEWABLES SECTOR

22%

of British Oil & Gas companies are reporting skills gaps!

You could be working with **state of the art nuclear technology**

If you like variety this could be the sector for you, there are opportunities for all...



You could work in the great outdoors ... or even at sea

28%

of employees in this sector are female



There are over **50,000** employees in the nuclear industry in England

In helping to **develop low-carbon energy** your career could help **save the planet**

89%

of employees in this sector work full-time



ENERGY & RENEWABLES

Careers Insight

The energy and renewables sector is one of the most varied and diverse of all the industry sectors. There are lots of different job roles, from engineers and technicians, to operatives and customer care staff. With the development of low carbon and renewable energies it's also one of the most exciting sectors to work in!

Here are some of the most popular job roles you can get into -

Nuclear Technician – technicians perform design, specification, testing and procurement, as well as assessing plant safety and procedures.

Laboratory Technician - laboratory technicians provide quality control by carrying out routine and non routine testing on different sample products, such as petroleum.

Maintenance Engineer – maintenance engineers are responsible for ensuring the continuous running of machinery and equipment, organising routine maintenance procedures and carrying out repairs.

Oil and Gas Maintenance – these roles are usually based on offshore oil or gas platforms, and can involve repairing machinery, instruments and electronics.

Network Officer - provide engineering support and management of design, construction, operation and maintenance of the network. Making sure energy gets from power stations to customers safely and effectively.

Electrical Generation Worker – directly operate equipment within a power station. Whether utilising gas, coal, wind power or nuclear power they are on the frontline of generating the energy.

Recycling Operative – collect and transfer recyclable materials to designated facilities, from a variety of households, industrial and commercial premises.

Water Network Operative – work outside on the heavy machinery that is vital to the network, a physical job for those who have an aptitude for using tools and instruments.

Salaries

If you decide to enter the industry through an apprenticeship you can expect to start earning a minimum of £95 per week – increasing as you train. Salaries within the industry vary from £13,000 - £30,000 depending on skill level and the role.

GET QUALIFIED

There are multiple routes into the energy and renewables sector...

Apprenticeships

Apprenticeships are a great way into this sector; all of these are NVQ level 2:

- Gas Industry
- Polymer Processing and Sign making
- Power Industry
- Sustainable Resource Management
- Water Industry

Advanced Apprenticeships

You can also do an advanced Apprenticeship; all of these are NVQ level 3:

- Advanced Nuclear
- Gas Industry
- Nuclear Decommissioning
- Polymer Processing Operations
- Power Industry
- Sustainable Resource Management
- Water Industry

A Levels

Here are some A Levels relevant to careers in this sector:

- Maths
- Science

Foundation Degrees

A Foundation Degree is a university-level qualification that is equivalent to the first two years of an Honours Degree. They are different from Honours Degrees as they involve learning in the workplace as well as at university or college.

College Courses

A college course can also be a great route into this sector. To see which colleges have relevant courses in your region check out www.opendoorsmedia.co.uk.

USEFUL LINKS

www.opendoorsmedia.co.uk - The best careers site on the web.
www.cogent-ssc.com – Sector Skills Council for Oil, Gas, Nuclear, Petroleum and Polymers.
www.euskills.co.uk – Sector Skills Council for Energy, Waste and Utilities.
www.careersbox.co.uk – Home to a fantastic library of free careers videos.