



Energy

5% of employment in the Humber is in the Energy Sector.

The Energy Sector relates to the production and supply of energy. Renewable energy is generally defined as energy that comes from resources which are naturally replenished on a human timescale such as sunlight, wind, rain, tides, and waves. Renewable energy replaces conventional fuels in four distinct areas, electricity generation, air and water heating/cooling, motor fuels, and rural (off-grid) energy services.

The Energy Sector is very closely linked with engineering, manufacturing and ports & logistic sectors.

Will there be opportunities available?

■ Labour demand across the energy and infrastructure sectors will be significant, totalling around 760,000 by 2024. This includes 160,000 new jobs and replacing 600,000 people due to retirements.

■ There will be a total labour demand of 8.7 million jobs in the UK by 2024.

■ The offshore wind sector will need to compete against other desirable infrastructure sectors to acquire the 36,000 people that will need to be employed by 2032.

■ Over the coming years, additional projects will enter the project pipeline, meaning there is likely to be a continued need for services, people and skills during both the construction and operation phases of an offshore wind farm's lifespan.

■ The scale of our energy industry means demand is high for engineering support and top talent.

Did You Know?

■ 3 of the world's largest wind farms are on our doorstep and form some of the largest engineering projects in the world attracting between £75 - £100 billion.

■ The region has over 20+ onshore windfarms.

■ Orsted is the world's leading offshore wind developer, investing £6bn in offshore wind in the Humber.

■ The Grimsby, Sheffield & Hull triangle is the largest energy sector in the UK.

Types of Job	National Average Salary
Renewable Energy Technician	£23,000 to £42,000
Engineering Maintenance Technician	£18,000 to £40,000
Renewable Energy Engineer	£20,000 to £80,000
Project Manager	£22,000 to £70,000
LGV Driver	£18,500 to £35,000
Engineering Operative	£14,000 to £25,000

■ Once completed the Humber Gas Tunnel will carry 1/5 of the UK's gas supply to millions of homes.

Skills/qualities

- Problem-solving
- Attention to detail
- Computer skills
- Communication
- Team working

Useful subjects include

- Science
- Maths
- Engineering
- Technology
- Business

Some local employers

- Siemens
- C Spencer Ltd
- Able UK
- Ecotricity
- SmartWind
- Orsted
- GEV Wind
- Boston Energy

Sources: Business Register Employment Survey, Annual Survey of Hours and Earnings, Office of National Statistics, EUSkills.

Good to Know: Emerging roles within this sector offer exciting jobs with good salary packages. Many require a science, technology, engineering or maths base.

For information... <https://nationalcareers.service.gov.uk/> www.skillseastriding.co.uk
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