



**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 and logistic sectors.

Will there be opportunities available?

■ With an ageing workforce and the creation of new jobs, the Energy and Infrastructure sectors are growing. By 2024, 8.7 million jobs will be created in the UK. Around 760,000 people will be employed in these industries in the Humber region, which includes 160,000 new jobs.

■ The Humber region will need 36,000 people by 2032 to work in the offshore wind sector alone. Demand for skilled people is set to grow, as the Humber becomes the heart of the UK's renewable energy production.

Did You Know?

■ 3 of the world's largest wind farms are on our doorstep. As part of some of the largest engineering projects in the world, they attract between £75-£100 billion to the economy.

■ The Grimsby, Sheffield & Hull triangle is the largest energy sector in the UK. As home to the company Orsted, the world's leading offshore wind developer, £6bn has been invested in offshore wind alone in the Humber region.

■ The £200m ENERGY WORKS plant in Hull is one of the largest privately-funded power stations of its kind. This major development will power 43,000 homes.

Good to Know: Emerging roles within this sector offer a range of exciting new jobs. Many require a science, technology, engineering or maths base.

From opportunities such as Warehouse Operatives and Drivers, to Solar and Wind Turbine Technicians, the industry offers many possibilities at entry level. Professional and managerial opportunities requiring academic, work-based and apprenticeship training, in turn bring the benefits of a good salary and the opportunity to progress in an interesting, forward thinking career.

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

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
Smart Wind
Orsted
GEV Wind
Boston Energy

Sources: Annual Survey of Hours and Earnings, ONS 2015
Forewind Annual Report 2015 Arney UK

For information... www.nationalcareersservice.co.uk www.bridgingthegaphumber.co.uk
www.lmhumber.co.uk www.careersyandh.co.uk www.allaboutcareers.com www.euskills.org.uk
www.greenporthull.co.uk www.deliveringyourfuture.co.uk www.apprenticeships.gov.uk

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• checking out YouTube and Social Media • talking to family and friends

Local Labour Market Information - Energy