



Renewables

5.1% of jobs in the Humber are in Renewable 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 renewable sector is very closely linked with engineering, manufacturing and ports & logistic sectors.

- The Humber region is set to become the heart of the UK's renewable region.
- Our regions 20+ onshore wind farms provide power for 200,000 UK homes.
- 3 of the world's largest wind farms are on our doorstep and form some of the largest engineering projects in the world.
- The scale of our energy industry means demand is high for engineering support and top talent.
- The Humber is No 1 in the UK for biofuel production.
- Green Port Hull Siemens has the most advanced wind turbine manufacturing and assembly facility operating at world class standards.
- Building wind farms will constitute some of the largest construction projects in the world.
- Turbines will be made in the Humber which means a wider supply chain of manufacturers; repair and maintenance contractors will be located in the area which will lead to a cluster of renewable companies in the Humber.
- The Humber region is home to innovative tidal and wave technology.

Types of Job	National Average Salary
Offshore Wind Maintenance Technician	£47,500
Biomass and Renewable Maintenance Engineer	£29,035
Professional Energy Engineer	£45,855
Project Manager	£57,155
Driver	£27,757
Plant Operator	£27,161

Skills/qualities

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

Useful subjects include

- Science
- Maths
- Engineering
- Technology
- Business

Some local employers

- Siemens
- Vivergo Fuels
- Spencer British Engineering
- Able UK
- Pulse Tidal
- Ecotricity
- Smart Wind
- Dong Energy
- Centrica

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

Interested? For more information...



www.euskills.co.uk



www.talentsourcenetwork.co.uk



www.engc.org.uk



www.tomorrowsengineers.org.uk



www.energyinst.org/home

Disclaimer
Careers Yorkshire and the Humber (CYH) staff have researched the web links referenced in this publication. However, website information can change rapidly. CYH does not endorse organisations or accept any responsibility for the content of external sites.

You can download and print a copy of the Shape Your Future booklet and posters at:
www.careersyandh.co.uk/inspiringyandh

Visit the **National Careers Service** website for information on a wide variety of careers:
<https://nationalcareersservice.direct.gov.uk>



Prime contractor for the National Careers Service in Yorkshire and the Humber