Make it Stoke-on-Trent & Staffordshire

ENERGY AND ENVIRONMENT

Stoke-on-Trent and Staffordshire is leading the way in the Energy sector, creating innovative approaches to delivering ambitious Government targets. The region offers a skilled workforce and is home to several global energy players, making it an ideal location for companies working to create a more sustainable low carbon future. With particular strengths in electric power transmission and specialised construction activity, Stoke-on-Trent and Staffordshire offers many

OPPORTUNITIES

for innovative businesses, including those involved in control and conversion of electrical power, smart grid and new building technologies.

ELECTRIC POWER TRANSMISSION

Several leading power transmission companies, including GE, Siemens, ABB and e.on have made Stoke-on-Trent and Staffordshire their home, making the area an ideal base for companies working in the smart grid and energy power networks supply chains. There is a diverse mix of electrical and mechanical engineering skills in the area, with three times the national average number of people employed in electric power roles.

COMPONENT MANUFACTURING

From castings, machining and fabrication of components for power stations, to design and manufacture of control panels and electromechanical assemblies; local manufacturers have the expertise to serve the current and future requirements of the energy sector.



3 TIMES THE NATIONAL AVERAGE NUMBER OF PEOPLE WORKING IN ELECTRIC POWER

RENEWABLE ENERGY

The Stoke-on-Trent and Staffordshire City Deal signed with the UK Government is built around a flagship proposal for the UK's first at-scale, low carbon, District Heating Network (DHN). It will take advantage of the area's natural resources, support Stoke-on-Trent and Staffordshire's world famous advanced manufacturing and applied materials strengths, and the emerging energy and renewables growth sector.

Other significant projects include the Energy from Waste Plant at Four Ashes in South Staffordshire and a Combined Cycle Gas Turbine power station at Meaford Business Park. These projects offer huge supply chain opportunities for companies in geothermal energy and related activities.



DISTRICT HEAT NETWORK WOULD PRODUCE UP TO 65GWH PER YEAR AND SAVE UP TO 12,500 TONNES OF CO2 EMISSIONS

2020 GOVERNMENT TARGETS



DELIVERING THE UK'S LARGEST DEEP GEOTHERMAL CITY-WIDE HEAT NETWORK

R&D

The Smart Energy Network Demonstrator (SEND) together with the Centre of Excellence in Energy Security and Renewables (CEESR) at Keele University will promote the production of energy derived from renewable sources and support research, innovation and the commercialisation of low carbon and smart energy technologies.

Staffordshire University's Centre for Energy Efficient Systems (CEES) specialises in low carbon and energy efficient systems including biomass, wind, tidal, low power energy harvesting, power electronic systems and energy storage and distribution.

ENTERPRISE ZONE

The Ceramic Valley Enterprise Zone comprises 140 hectares of commercial land, all located on the A500 trunk road within 20 mins of the M6. Companies can benefit from business rate discounts, enhanced tax allowances, access to superfast broadband and access to specialised skills.







GE | Siemens Wind Power | ABB | Goodwin International | Wardell Armstrong | IMI Precision Engineering Elster Metering | Electrium | Synatel Instrumentation | Broadcrown | Phoenix Dynamics | e.on | CrestChic Mec Com Ltd | Hodgson & Hodgson | Recticel Insulation | Kier Group

WHAT THE LOCALS SAY

The recent acquisition of Alstom's energy businesses is the biggest industrial investment GE has ever made. The Stafford based operation is one of the top three players globally in the electrical transmission sector with an annual sales turnover of more that €3.8 billion. New state-of-the-art facilities at Redhill Business Park in Stafford will house their Automation and High Voltage Direct Current (HDVC) and Systems Operations.

Steve Burgin, Vice President Europe -Strategic Accounts commented:



"Stafford has been our home for over a hundred years and with the ongoing support of the community we are proud to continue this strong relationship. Stafford is very much open for business."



Make it Stoke-on-Trent







T 00 44 (0)300 111 8005 E enquiries@makeitstokestaffs.co.uk W makeitstokestaffs.co.uk