

ENERGY INDUSTRY GUIDE

Updated July 2020



This is a guide to some of the resources available within the Business & IP Centre relevant to the energy industry.

Inside you will find sources of information such as market research (statistics, trends, developments), key companies, trade magazines, newsletters, and Internet sources.

This guide will be useful to anyone starting a business within the energy industry and also for those wanting to further their knowledge within this area.

Start-Up Information



accessible via
electronic
databases

The Cobra database contains practical fact-sheets on all aspects of starting, running and managing a small business – including information on writing business plans, marketing, company structures etc.

It also covers the practical aspects of how to start and run particular types of businesses – outlining necessary skills, regulations, licences and legislation etc. and highlights other sources of information and advice available.

Available online at www.askaboutbusiness.org with a Manchester library card (also available to library card holders from Blackpool, Bolton, Lancashire, Oldham, Salford, Stockport, Tameside, & Trafford libraries)

Business Opportunity Profiles

Electrician	2019	BOP051
Renewable Energy Installer	2018	BOP567
Gas and Central Heating Engineer	2018	BOP002
Energy Assessor	2020	BOP542

Mini Business Profiles

Bioenergy Crop Growing	2017	MBP057
------------------------	------	--------

Business Information Factsheets

A Guide to the Electricity at Work Regulations 1989	2019	BIF308
---	------	--------

Market Research and Statistics

Online Sources



- **Renewable Energy Expansion Opportunities for B2B Sectors**
26 Apr 2018. Briefing



- **Wind Power Generation in the UK. January 2020**
- **Petroleum & Natural Gas Support Activities in the UK December 2019**
Covers development wells, appraisal wells, exploration wells, decommissioning activity and other services.
- **Lithium Battery Manufacturing in the UK December 2019**
- **Waste-to-Energy Plant Operation in the UK December 2019**
- **Hard Coal Mining in the UK October 2019**
- **Gas Supply in the UK September 2019**
Covers the potential impact of Brexit.
- **Petrol Stations in the UK September 2019**
Covers the potential impact of Brexit.
- **Petroleum Refining in the UK August 2019**
Lists products as: petrol; diesel; jet fuel; gas oil; fuel oil, LPG; biofuels..
- **Gas Distribution in the UK August 2019**
- **Electricity Production in the UK July 2019**
Includes all energy sources, including renewables.
- **Electricity Distribution in the UK July 2019**
Covers the potential impact of Brexit.

Ctd.

- **Renewable Energy Generation in the UK July 2019**
Covers: offshore wind power; onshore wind power; solar energy; hydropower; ocean and geothermal power; biomass energy.
- **Electricity & Telecommunications Infrastructure Construction in the UK June 2019**
- **Industrial Gas Manufacturing in the UK July 2019**
- **Nuclear Fuel Processing in the UK June 2019**
Industry operators produce nuclear fuel for use in power stations by processing new material or reprocessing spent fuel.
- **Electricity Supply in the UK May 2019**
The Electricity Supply industry's activities comprise the final phase in the electricity delivery process.
- **Electric Motor, Generator & Transformer Manufacturing in the UK April 2019**
- **Electricity Distribution & Control Apparatus Manufacturing in the UK March 2019**
- **Fuel Wholesaling in the UK March 2019**
Includes the wholesale of charcoal, coal, coke, fuel wood, naphtha, crude oil, diesel fuel, petrol, fuel oil, heating oil, kerosene, greases, oils and gases such as liquefied petroleum gas (LPG), butane and propane.
- **Electricity Transmission in the UK February 2019**
The Electricity Transmission industry is responsible for carrying electricity from power stations to the low-voltage distribution network.

Other electronic resources:

Many articles about this industry (from business journals and newspapers) are available from our electronic source **Newsbank**.

Contact details and individual reports of companies in this industry are available from:

Creditsafe; Experian; D & B Hoovers.

Internet Sources

Websites containing free sources of industry statistics, information and contacts. Included here are websites that have been updated in 2018 or 2019.

United Kingdom

Department Business, Energy and Industrial Strategy

Provides access to a vast array of statistics, publications, legislation and policy documents.

www.gov.uk/government/organisations/department-for-business-energy-and-industrial-strategy

Total Energy Statistics

This series brings together all documents relating to total energy statistics.

www.gov.uk/government/collections/total-energy-statistics

Energy Trends

Quarterly bulletin containing statistics on all major aspects of energy in the UK.

www.gov.uk/government/statistics/energy-trends-june-2019

Regional Renewable Statistics

These tables show a variety of renewable electricity data for the devolved administrations and the regions of England. www.gov.uk/government/statistics/regional-renewable-statistics

Carbon Trust

Independent company funded by the government to help move the UK to a low carbon economy through commercial development of low carbon technologies. www.carbontrust.com/home/

Energy & Utility Skills

Provides membership, assurance and skills solutions to help employers attract, develop and retain a sustainable, skilled workforce, Membership is comprised of the major infrastructure companies within water, power, gas and waste management. www.euskills.co.uk/

Energy UK

The trade association for the energy industry. Promotes the interests of members who generate electricity including those from renewable energy technologies. www.energy-uk.org.uk/

RenewableUK

Trade and professional body for the UK renewable energy industry. Formerly the British Wind energy Association, it still has a certain bias towards wind energy. Describes itself as "The voice of wind and marine energy". www.renewableuk.com/

Energy Industries Council (EIC)

Trade association. Provides a members' list of over 670 UK companies that supply capital goods and services to the energy industries world-wide. (N.B. this site has not been updated since 2012.) www.the-eic.com/

Energy Institute

Royal Charter membership organisation for the energy industries representing almost 12,000 professionals nationally and internationally. www.energyinst.org.

Environmental Services Association

Companies providing waste management and associated environmental services, including energy generation from waste. www.esauk.org/

Renewable Energy Association

Promotes renewable power production and supports renewable power production across all technologies. www.r-e-a.net/

Solar Trade Association (STA)

Companies with business interests in the solar energy industry. www.solar-trade.org.uk/

Centre for Sustainable Energy (CSE)

CSE aims to advance sustainable energy policy and practice. www.cse.org.uk/

Energy Saving Trust

Non-profit organisation set up by the government which aims to achieve the sustainable and efficient use of energy, to cut the carbon dioxide emissions which are the key contributor to global warming. www.energysavingtrust.org.uk/

National Energy Foundation

An independent charity that works to improve the use of energy in buildings. www.nef.org.uk/

Greenmatch

Price-comparing website for renewable-energy installations. www.greenmatch.co.uk/

UK Energy Research Centre

Co-ordinating body that carries out research into sustainable energy systems at a number of laboratories across the UK. www.ukerc.ac.uk/

The Renewable Energy Hub

Information resource for UK consumers on how to switch to renewable energy sources, including details of local installers. www.renewableenergyhub.co.uk/

International

International Energy Agency

An intergovernmental body advancing security of energy supply, economic growth and environmental sustainability through energy policy co-operation. www.iea.org/

World Energy Council (WEC)

Global multi-energy organisation with Member Committees in over 90 countries. Organisation covers all types of energy including renewable sources. www.worldenergy.org/

International Atomic Energy Agency (IAEA)

The United Nations agency promoting peaceful uses of nuclear energy. The About Us page includes a link to Procurements and Business Opportunities. www.iaea.org/

World Renewable Energy Network (WREN)

Non-profit organisation affiliated to UNESCO aims to promote the communication and technical education of scientists, engineers, technicians and managers and to apply itself to the energy needs of developing and developed countries. www.wrenuk.co.uk/

World Nuclear Association

International organization representing the global nuclear industry. Aims to promote a wider understanding of nuclear energy by producing authoritative information, developing common industry positions, and contributing to the energy debate. www.world-nuclear.org/

European Forum for Renewable Energy Sources (EUFORES)

Non-profit making organisation aims to promote the use of renewable energy. www.eufores.org/

Wind Europe

Association actively promotes the utilisation of wind power in Europe and worldwide. <https://windeurope.org/>

Please note that every effort has been taken to ensure the accuracy of the information contained in this document, however some recently acquired items may since have been added to the collection.



Images by [btsiders](#), [Mr. Flibble](#), [Schwarzerkater](#) under a [Creative Commons license](#)

Business & IP Centre Manchester,

Central Library, St. Peter's Square, M2 5PD

0161 234 1990

businessinfo@manchester.gov.uk

www.manchester.gov.uk/bipc