

ENERGY INDUSTRY GUIDE

Updated July 2019



This is a guide to some of the resources available within the British Library 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



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.

accessible via electronic databases

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.

Business Opportunity Profiles

Electrician	2019	BOP051
Renewable Energy Installer	2018	BOP567
Gas and Central Heating Engineer	2018	BOP002
Energy Assessor	2017	BOP542

Mini Business Profiles

Bioenergy Crop Growing	2017	MBP057
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Business Information Factsheets

A Guide to the Electricity at Work Regulations 1989	2016	BIF308
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Market Research and Statistics

Online Sources



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



- **Electricity Production in the UK July 2019**
Includes all energy sources, including renewables
- **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**
- **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.
- **Petroleum Refining in the UK January 2019**
Lists products as: petrol; diesel; jet fuel; gas oil; fuel oil, LPG; biofuels..
- **Petroleum & Natural Gas Support Activities in the UK November 2018**
This industry provides oil and gas well services.
- **Gas Supply in the UK October 2018**
Companies in the gas supply industry purchase gas from the wholesale market and sell it to end users via the distribution network.
- **Gas Distribution in the UK October 2018**
Firms in this industry operate the low-pressure gas distribution mains that carry gas from high-pressure transmission pipelines to end users.
- **Electricity Distribution in the UK October 2018**
Firms in this industry operate the low-voltage electricity distribution networks that carry power from high-voltage transmission lines to end users.
- **Petrol Stations in the UK September 2018**
- **Industrial Gas Manufacturing in the UK September 2018**
- **Hard Coal Mining in the UK September 2018**
Divides the industry into underground and opencast coal mining.
- **Plumbing, Heating & Air Conditioning Installation in the UK July 2018**
- **Electrical Equipment Repair & Maintenance in the UK June 2018**
- **Test Drilling & Boring in the UK May 2018**
- **Electricity Distribution & Control Apparatus Manufacturing in the UK March 2018**

FROST & SULLIVAN

Frost & Sullivan

Frost & Sullivan publish many reports analysing market and technological developments within the global energy market. The following list is a selection of titles dated from July 2018 onwards:

- **Grid Scale Energy Storage: Innovations and Emerging Opportunities** 2019
- **Technological Advancements and Emerging applications of Fuel Cells.** 2019
- **Technological Advancements in Metals Enhancing Energy Generation.** 2019
- **Global Non-Renewable Inverter Market Forecast to 2025.** 2019
- **Emerging Technologies Transforming Offshore Wind Energy.** 2019
- **Growth Opportunity Analysis of Global UPS Battery Market 2018.** 2019
- **Innovations in Renewable Energy, Waste Heat Recovery, Carbon Capture, and Energy Storage.** 2019
- **Utility 4.0 – Impact of Industrial Internet Of Things (IIoT) on the Global Power Industry.** 2019
- **Growth Opportunities in the Stationary Fuel Cell Market. Opportunities to 2030.** 2019
- **Technology Innovations in the Global Wind Energy Market, 2030.** 2019
- **Global Solar Photovoltaic (PV) Services Market, Forecast to 2025.** 2019
- **Global Gas Generator Set Market, Forecast to 2022.** 2019
- **Global Trends in Electricity Distribution Network Intelligence.** 2019
- **Commercial Battery Energy Storage Market in Key Markets, Forecast to 2025.** 2019

- Global Generator Sets Database 2018
- Global Battery Management Systems Market, Forecast to 2024 2018
- Global Harmonic Filters Market, Forecast to 2024 2018
- Programmable DC Power Supplies and DC Electronic Load Penetration in the Global Market 2018
- Global Motive Lead-Acid Battery Market, Forecast to 2024 2018
- Global Renewable Energy Outlook, 2018 2018
- Vacuum Technologies in Energy Storage Solutions 2018
- European Demand Response (DR) Market, 2018 – 2025 2018

Printed Reports (Please ask for help in finding these)

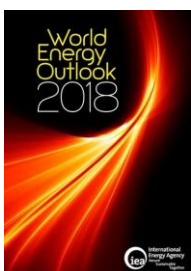
Titles published 2017 onwards.



Electricity Information (International Energy Agency, 2018)

[(B) MKT 333.7932021]

Provides detailed statistics for the 30 OECD member countries. Statistics include production by type, consumption by sector, electricity produced by fuel, electricity imports and exports, energy prices for industry and households, etc.



World Energy Outlook (International Energy Agency, 2018)

[Document Supply Centre, Yorkshire: OPD.g.x.24]

Data includes projections of global energy trends for supply and demand of oil, gas, coal, renewable energy sources, nuclear power and electricity.



Coal Information (International Energy Agency, 2017)

[(B) MKT 333.822021]

Comprehensive tables of coal statistics and graphs, 1974 – 2014.



BP Statistical Review of World Energy, June 2018 (British Petroleum, 2018)

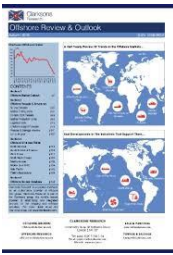
[(B) MKT 333.79]

Consumption and production data by energy type including renewable sources for over 70 countries.



PE Outlook 2017 (Petroleum Economist Ltd., 2017) [(B) MKT 333.790112]

Energy markets and politics in the year ahead.



Clarkson's Research Offshore Review & Outlook (Clarkson's Research, 2019)
[(B) MKT 338.2728]
Half yearly review of world-wide offshore trends.

Trade Magazines & Newsletters

A few of these are held in the Business & IP Centre, but most are held on open shelves in the Science 2 and Science 3 Reading Rooms. A few are in the SPIS National Statistics Collection, held in the Social Sciences Reading Room. Only included here are publications for which the latest edition held is dated 2018 or later.

Energy: General

Energy Industry Times (Man in Black Media, monthly)

[(P) 333.79-E(7)] in Business & IP Centre

Energy focus / EIC (Today Media, semi-annual)

[(P) 333.79 -E(3)] in Science 2 Reading Room

Energy Risk (Incisive Financial Publishing Ltd., monthly)

[(P) BY33 -E(7)] in Science 2 Reading Room

Energy World (Institute of Energy, monthly)

[P.513/1182] General Reference Collection – must be ordered via *Explore The British Library* catalogue

Energie und Management (Herrsching Energie & Management Verlagsgesellschaft mbH)

[(P) BY 32 -G(5)] in Science 2 Reading Room

Oil, gas, coal and electricity quarterly statistics (International Energy Agency, quarterly).

[(P) NP 941 -E(6)] in Science 3 Reading Room

UK power news (Global Media Publishing, bimonthly)

[(P) 333.79094105 -E(2)] in Science 2 Reading Room

World energy statistics (International Energy Agency, semi-annual)

[(P) 333.79021 -E(2)] in Science 2 Reading Room

The energy journal (Oelgeschlager, Gunn & Hain, quarterly)

[(P) BY 32 -E(64)] in Science 2 Reading Room

World energy balances (IEA Publications, annual)

[(P) BY 331 -E(5)] in Science 2 Reading Room

Energy compass (Energy Intelligence Group, weekly)

[(P) NP 93 -E(11)] in Science 3 Reading Room

Oil & Liquid Petroleum Gas (all in Science 3 Reading Room unless otherwise stated)

Downstream: the oil distributors' publication (Federation of Petroleum Suppliers, 5 issues/year)

[(P) NR 15 -E(1)]

Oil & tanker trades outlook (Clarkson Research Studies, monthly)
[(P) NP 92 -E(2)] Issues from 2018 onwards available in electronic format only

Petroleum economist (Petroleum Economist, monthly)
[(P) NP 93 -E(5)]

Oil review Middle East (Alain Charles, 7-8 issues per year)
[(P) NP 93 -E(17)]

Oil market intelligence (Petroleum & Energy Intelligence, weekly)
[(P) NP 941 -E(30)]

World expo: the international review of hydrocarbon exploration and production technology
(SPG Media, semi-annual)
[(P) NQ 13 -E(7)]

World bunkering (Maritime Media, quarterly)
[(P) NT 20 -E(3)]

Bunkerspot: independent intelligence for the global bunker industry (Petrospot, bimonthly)
[(P) 338.47 -E(1)] in Science 2 Reading Room

LP-gas (New York, etc., monthly)
[(P) NR 64 -E(3)]

LNG journal (Nelton Publications, 10 issues yearly)
[(P) NR 64 -E(6)]

Butane-propane news (Western Business Papers, monthly)
[(P) NR 81 -E(1)]

Annual statistical bulletin - Organization of the Petroleum Exporting Countries (OPEC Statistics Unit, annual)
[(P) NP 941 -E(4)]

Petroleum review (Energy Institute, monthly)
[(P) NP 942 -E(1)]

Oilfield technology magazine (Palladian Publications, monthly)
[(P) 338.2728 -E(3)]

Offshore intelligence monthly (Clarkson Research Services Limited, monthly)
[(P) 338.2728205 -E(1)]

Gas

World gas intelligence (Energy Intelligence Group, fortnightly)
In electronic format: Electronic Legal Deposit collection.

Gaz d'aujourd'hui (Société du Journal des Usines à Gaz, 10 issues yearly)
[(P) NN 00 -F(3)] in Science 3 reading room

Coal

International mining (Cii Publishing, monthly)
[(P) 338.2 -E(1)] in Science 2 Reading Room

Coal international (FMJ International, bimonthly)
[(P) NK 50 -E(3)] in Science 3 Reading Room

Sustainable/renewable energy technologies

Biofuels international (Horseshoe Media, bimonthly)
[(P) 333.9539 -E(3)] in Science 2 Reading Room

Bioenergy insight (Horseshoe Media, quarterly)
[(P) 333.953905 -E(2)] in Science 2 Reading Room

Carbon capture journal (Carbon capture journal, bimonthly)
[(P) 628.532 -E(1)] in Science 2 Reading Room

Sonne, Wind & Wärme (Bielefelder Verlagsanstalt, monthly)
[(P) UB 00 -G(4)] in Social Sciences Reading Room

Nuclear energy

Nuclear news (American Nuclear Society, monthly)
[(P) PW 179 -E(1)] in Science 3 Reading Room

Nuclear future: journal of the Institution of Nuclear Engineers and the British Nuclear Energy Society
(Barker Brooks Communications, bimonthly)
[(P) PW 00 -E(15)] in Science 3 Reading Room

Business News & Journals



In order to find the latest news on your topic it is always worth searching Factiva, Business Source Complete and EMIS.

EBSCOhost



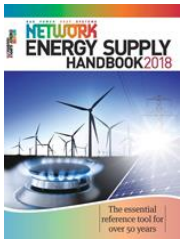
You will find articles from specialist business and academic journals, as well as newspapers and magazines. You may also find market research reports and case studies. As well as profiles of leading industry figures.



You will also find articles covering recent developments, and predicting future trends in your industry.

Directories

UK and global titles published from 2016, contains lists of companies and contacts. Some have annual industry reviews and specialist articles.



The Energy Supply Handbook (Reed Business Information, 2018)

[(B) DIR 333.7902541]

Directory of UK suppliers, including who's who names list; list of power stations. Including those planned and under construction.



Pegasus Oil and Gas Energy Directory (Pegasus Energy UK Ltd, 2018)

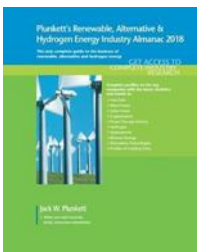
[(B) DIR 338.272802941]

Directory provides contact information on c.3,000 UK based companies listed under c.400 product and service headings. Cover energy producers, manufacturers and service providers in oil and gas, and also the wind, hydro, tidal, wave, solar and bio energy sectors.



2018 Worldwide Gen-Set and Cogeneration Directory (Global Media Publishing, 2018) [(B) DIR 333.793]

International directory of 2,000 manufacturers and service providers.



Plunkett's renewable, alternative & hydrogen energy industry almanac. (Plunkett Research, USA. 2018).

[(B) DIR 333.794]

Directory of companies. International, but with strong U.S. bias.



2018 World Nuclear Industry Handbook (Global Trade Media Ltd., UK, 2016)

[(B)DIR 333.7924025]

Lists contact details of companies worldwide; gives specifications of nuclear reactors worldwide.

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.

<https://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.

<https://www.gov.uk/government/collections/total-energy-statistics>

Energy Trends

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

<https://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. <https://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. <https://www.carbontrust.com>

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. <https://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. <https://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". <https://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.)

<https://www.the-eic.com/>

Energy Institute

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

Environmental Services Association

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

Renewable Energy Association

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

Solar Trade Association (STA)

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

Centre for Sustainable Energy (CSE)

CSE aims to advance sustainable energy policy and practice. <https://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.

<http://www.energysavingtrust.org.uk/>

National Energy Foundation

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

Greenmatch

Price-comparing website for renewable-energy installations. <https://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. <http://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. <https://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. <https://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. <https://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. <https://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. <http://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. <http://www.world-nuclear.org/>

European Forum for Renewable Energy Sources (EUFORES)

Non-profit making organisation aims to promote the use of renewable energy. <http://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. Please ask for help at the enquiry desk or check the online catalogue "Explore the British Library" (<http://explore.bl.uk>) for more details.



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