

ENERGY INDUSTRY GUIDE

Updated July 2017



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 & legislation etc. and highlights other sources of information and advice available.

Business Opportunity Profiles

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

Business Information Factsheets

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

Market Research and Statistics

Online Sources



- **New Strategy Briefing: Global Energy Transformation: A New Energy Context for Business**
12 May 2017. Opinion article.
- **Green Power Boom: New Strategy Briefing on Energy Industries**
29 Jun 2016. Opinion article
- **Natural Resources.** Country Briefings, April-June 2017
Available for the following European countries:
United Kingdom
Italy
Denmark
Russia
Germany



- **Renewable Energy Generation in the UK**
March 2016
Covers: offshore wind power; onshore wind power; solar energy; hydropower; Ocean and geothermal power; biomass energy.

- **Hard Coal Mining in the UK**
April 2016
Divides the industry into underground and opencast coal mining.
- **Petroleum Refining in the UK**
December 2015
Lists products as: petrol; diesel; jet fuel; gas oil; fuel oil, LPG; biofuels
- **Fuel Wholesaling in the UK**
December 2015
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 Supply in the UK**
January 2016
“The Electricity Supply industry's activities comprise the final phase in the electricity delivery process to consumers.”

Frost & Sullivan publish many reports analysing market and technological developments within the global energy market. The following list is a selection of titles dated 2016 or later:

- **Global DC Power System Market, Forecast to 2021** 2017
- **Global Energy Storage Market Outlook** 2017
- **European Diesel Generator Set (Genset) Market, Forecast to 2020** 2017
- **Global Power Industry Outlook, 2017**
- **Global Critical Power Industry Outlook, 2017**
- **Outlook of the Global Oil and Gas Industry, 2017**
- **Global Virtual Power Plant Market, Forecast to 2022** 2017
- **Global Alternator Market, Forecast to 2020** 2017
- **Global Uninterruptible Power Supplies Market** 2016
- **Global Energy Storage Market Customer Survey** 2016
- **Analysis of the Global Substation Automation Market** 2016
- **European Gas Generator Set (Genset) Market** 2016
- **Oil and Gas and Petrochemicals Market Update** 2016
- **Analysis of Global Modular UPS Market** 2016

Frost & Sullivan ctd.

- **Natural Gas: the Fuel of Future—Will the Golden Age of Gas Persist?** 2016
- **Strategic Analysis of Global Heavy-oil and Bitumen Market** 2016
- **Emerging Trends Affecting the Global Generator Sets Market** 2016
- **Global Smart Gas Meters Market** 2016
- **Growing Opportunity in the Global Microgrid Market** 2016
- **Small-scale GTL—Emerging Technology in Monetizing Stranded Gas** 2016
“GTL” is “Gas-to-Liquid”.
- **Connected Oilfield Services Market** 2016
- **Frost & Sullivan Energy and Environment Monthly Oil and Gas Review** 2016
- **Importance of Heavy Oil and Bitumen in Upstream Oil Production** 2016
- **Global Transformer Market** 2016
- **Global Biomass Power Market** 2016
- **Emerging Technologies in the Energy Storage Market** 2016
- **Trends Impacting Global Microgrids and Virtual Power Plants** 2016
- **Oil and Gas Trends and their Impact on the Generator Set Market** 2016
- **The COP21 Agreement** 2016
- **Global Hybrid Energy Systems—Convergence of Renewable and Conventional Power** 2016
- **Flying Wind Turbines Set to Soar** 2016
- **Global Artificial Lifts Market – Can It Survive through the Global Oil Price Slump?** 2016
- **Off the Grid Power Generation - Focus on Infrared Based Solar** 2016
- **Disruptive Forces of Distributed Generation** 2016
- **Profile of Movers and Shakers in the Distributed Energy Resource Management System Market** 2016

Frost & Sullivan ctd.

- **Global Solar Power Market—2016 Update** 2016
- **Global E-house Market for Power Distribution** 2016
- **Global Energy Harvesting Market** 2016
- **2016 Global Outlook of the Energy & Environment Industry** 2016
- **2016 Global Distributed Energy Outlook** 2016
- **Global Energy Storage Industry Outlook** 2016
- **2016 Global Outlook of the Oil and Gas Industry** 2016
- **2016 Global Outlook of the Critical Power Market** 2016
- **Analysis of the Global Primary Lithium Battery Market** 2016
- **Annual Global Power Generation Forecasts** 2016
- **Oil and Gas Industry—Trends and Technology** 2016
- **LNG Global LNG Market** 2016
- **Is Energy Efficiency a Siloed Approach?** 2016
- **Industry Dashboard: Snapshot of the Energy Industry** 2016
- **Global Smart Gas Meters Market** 2016

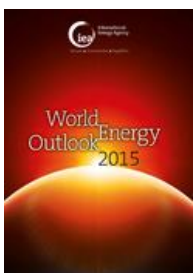
Print Reports



Electricity Information (International Energy Agency, 2016)

[(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.



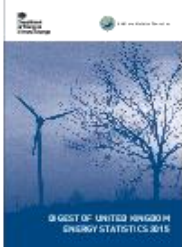
World Energy Outlook (International Energy Agency, 2015)

[Document Supply Centre, Yorkshire: OPD.9.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, 2016)
[(B) MKT 333.822021]
Comprehensive tables of coal statistics and graphs, 1973-2013.

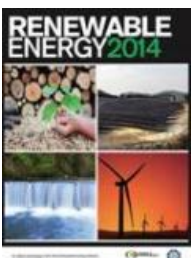


Digest of United Kingdom Energy Statistics 2015 (Department of Energy & Climate Change, 2015)
[(B)MKT333.79]
Chapters on different energy sources.

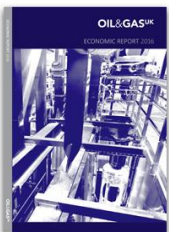


Oil & Gas Agenda. Issue 17, 2016 (Global Trade Media, 2016)
[(B)MKT 338.272805]
Oil and gas extraction industry newsletter.

BP Statistical Review of World Energy, June 2016 (British Petroleum, 2016) [(B) MKT 333.79]
Consumption and production data by energy type including renewable sources for over 70 countries



Renewable Energy 2014 (Ten Alps Publishing, 2014)
[(B) MKT 333.794]
Collection of 11 articles from leading entrepreneurs and academics within the global renewable energy community.



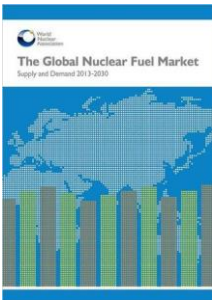
Oil & Gas UK. Economic Report 2016 (UK Oil & Gas Industry Association, 2016)
[(B) MKT 338.2728094105]
Contains chapters on markets, case studies, supply chain, employment & skills, etc.

PE Outlook 2017
(Petroleum Economist Ltd., 2017)
[(B) MKT 333.790112]
Energy markets and politics in the year ahead



Fundamentals of Gas 2015
(Petroleum Economist Ltd. 2015)
[(B) MKT 338.2728505]

Oil & Gas UK. Activity Survey 2016 (UK Oil & Gas Industry Association, 2016)
[(B) MKT 338.27280916336]
Contains chapters on industry performance, drilling activity, total expenditure, etc.



The Global Nuclear Fuel Market Supply and Demand 2013-2030
(World Nuclear Association, 2013)
[(B) MKT 338.2749320112]
Contains chapters on: nuclear generating capacity; nuclear fuel demands; secondary supplies; uranium supply & demand; conversion supply & demand; enrichment supply & demand; fuel fabrication supply & demand.



Offshore Review & Outlook
(Clarksons Research, 2016)
half yearly review of world-wide offshore trends.
[(B) MKT 338.2728]

Trade Magazines & Newsletters

A few of these are held in the Business & Intellectual Property 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 2015 or later.

Energy: General

Energy Industry Times (Man in Black Media, monthly)
[(P) 333.79-E(7)] in Business & Intellectual Property 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

Quarterly energy prices. (BERR Department of Energy & Climate Change, quarterly)
SPIS National Statistics Collection

Fachmagazin der österreichischen E-Wirtschaft / Oesterreichs Energie. (Österreichischer Wirtschaftsverl., monthly)
[(P) 338.476213109436 -G(1)] in Science 2 reading room

Energie und Management. (Hersching 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

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)]

LP gas : the voice of the industry. (Picture Publishing, quarterly)
[(P) NP 942 -E(21)]

Oil & tanker trades outlook. (Clarkson Research Studies, monthly)
[(P) NP 92 -E(2)]

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)]

Scandinavian oil-gas magazine. (Scandinavian Oil-Gas Publishing, bimonthly)
[(P) NP 943 -E(9)]

World expro : 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

Fuel oil news. (Ashley & Dumville Publishing, monthly)
[(P) 387.5448 -E(5)] in Science 2 Reading Room

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

LPG in world markets. (Poten & Partners, monthly)
[(P) NR 64 -E(5)]

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

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

Gas

World gas intelligence. (Energy Intelligence Group, fortnightly)
[(P) NM 14 -E(3)] in Science 3 reading room

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

Coal UK. (IHS Energy, monthly)
[(P) 338.27240941 -E(2)] in Science 2 reading room

International mining. (Cii Publishing, monthly)
[(P) 338.2 -E(1)] in Science 2 reading room

Mining world. (Tradelink, quarterly)
[(P) 338.205 -E(1)] in Science 2 reading room

McCloskey coal report : (IHS Energy, fortnightly)
[(P) 338.47622334 -E(3)] in Science 2 reading room

Coal international. (FMJ International, bimonthly)
[(P) NK 50 -E(3)] in Science 3 reading room

Sustainable/renewable energy technologies

Solar UK. (Angel Business Communications, quarterly)
[(P) 621.3124405 -E(1)] in Science 2 reading room

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

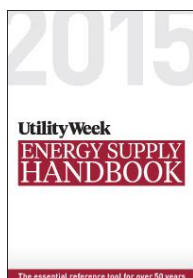
Directories

Contain lists of companies and contacts. Some have annual industry reviews, and specialist articles.

The International Guide to Coalfields 2014 (Tradelink Publications Ltd., 2014)

[(B)DIR 338.7622334]

Contact details and brief descriptions of mines and mining companies worldwide, by country.



Utility Week Energy Supply Handbook (Faversham House Group, UK, 2015)

[(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 Renewable Energy Directory (Pegasus Energy UK Ltd, 2016)

[(B) DIR 333.79402541]

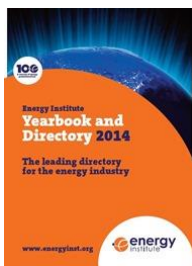
Directory provides contact information on c.3000 UK based companies listed under c.400 product and service headings. Cover energy producers, manufacturers and service providers in oil and gas, and also the wind, hydro, tidal, wave, solar and bio energy sectors.



Pegasus Oil and Gas Energy Directory (Pegasus Energy UK Ltd, 2016)

[(B) DIR 338.272802941]

Directory provides contact information on c.3000 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.

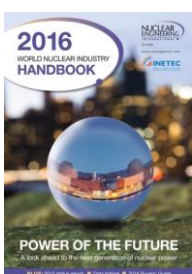


Energy Institute Yearbook and Directory (Energy Institute, 2015)
[(B) DIR 333.79029441]
Directory of Energy Institute members and non-members covering UK energy providers, manufacturers, service providers and consultancies.

EIC Procurement Guide 2016 (Energy Industries Council, 2016)
[(B)DIR 333.7902541]
Gives contact details and brief descriptions of c.650 companies supplying the energy industry.



UK Offshore Oil and Gas Fabricators Directory 2016 (Oil & Gas UK, 2016)
[(B)DIR 338.7622338190284]
Concise profiles of 12 major companies



2016 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.

2016 Worldwide Gen-Set and Cogeneration Directory (Global Media Publishing, 2016)
[(B) DIR 333.793]
International directory of 2,000 manufacturers and service providers.

Internet Sources

Websites containing free sources of industry statistics, information and contacts

United Kingdom

Department of Energy and Climate Change

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

<https://www.gov.uk/government/organisations/department-of-energy-climate-change>

Renewables Statistics

Provides statistical information on renewable energy projects from the following data collection activities:

DUKES (Annual data) gives statistics and trends in the renewable energy sector in the United Kingdom.

Energy Trends Section 6: renewables. Gives quarterly statistics on energy generation by different renewable sources, showing trends over time.

Regional Renewable Statistics. Breaks the UK down into 9 regions of England, plus Scotland, Wales, and Northern Ireland.

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

Renewable Energy Planning Data (REPD) tracks the progress of projects from inception, through planning, construction and operational phases.

<https://www.gov.uk/government/collections/renewable-energy-planning-data>

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.

<http://www.carbontrust.com>

Energy UK

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

<http://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".

<http://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.)

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

Energy Institute

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

<http://www.energyinst.org>.

Environmental Services Association

Companies providing waste management and associated environmental services, including energy generation from waste.

<http://www.esauk.org/>

Scottish Energy Association

Scottish companies that operate in all areas of the power and energy related industries.

<http://www.wearesea.com>

Renewable Energy Association

Promotes renewable power production and supports renewable power production across all technologies.

<http://www.r-e-a.net/>

Solar Trade Association (STA)

Companies with business interests in the solar energy industry.

<http://www.solar-trade.org.uk/>

Centre for Sustainable Energy (CSE)

CSE aims to advance sustainable energy policy and practice

<http://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/>

Global Action Plan

Independent environmental charity offering practical advice and guidance.

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

National Energy Foundation

An independent charity that works to improve the use of energy in buildings.

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

Solar Energy Society

A non-profit forum for the advancement of the utilisation of the sun's energy. The Society represents the UK national section of the International Solar Energy Society (ISES).

<http://www.uk-ises.org/>

Renewable Energy Centre

Directory of UK companies providing renewable energy products and services. Also links to trade associations, government departments and other organisations. (N.B. This site has apparently not been updated since 2012.)

<http://www.therenewableenergycentre.co.uk/>

Source Guide - Source for Renewable Energy

Buyers guide to more than 18,000 renewable energy businesses and organizations worldwide. Find renewable energy businesses by geographic location, product type, business type and name, or search for renewable energy businesses using keywords.

<http://energy.sourceguides.com/index.shtml>

International**International Energy Agency**

An intergovernmental body advancing security of energy supply, economic growth and environmental sustainability through energy policy co-operation

<http://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.

<http://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".

<http://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/>

International Solar Energy Society (ISES)

A UN accredited non-governmental organisation that supports its members in the advancement of renewable energy technology, implementation and education all over the world. (N.B. This site has not been updated since 2012)

<http://www.ises.org/>

European Forum for Renewable Energy Sources (EUFORES)

Non-profit making organisation aims to promote the use of renewable energy.

<http://www.eufores.org/>

European Wind Energy Association (EWEA)

Association actively promotes the utilisation of wind power in Europe and world-wide.

<http://www.ewea.org/>

Note: 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 Catalogue <http://explore.bl.uk> for more details.



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