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Publication List June 2019



PUBLICATION LIST

Power and Infrastructure Metering and Smart Grid Utility Guides Fossil Fuel and Conventional Energy Renewable Energy Water and Waste Finance and Regulatory Country Reports Subscription-Based Services.

June 2019

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POWER AND INFRASTRUCTURE

Power Generator Database and Market Intelligence

Edition 4, 2019

This NRG Expert product provides a by-country/fuel overview of global generating capacity, its evolution and power forecasts. Global generating capacity rose from approximately 134 GW in 1938, to 213 GW in 1950 after the Second World War, and then to 5,082 GW in 2010. Although the figures were small compared with today, the years of WW 2 and the following period, from 1938 to 1950 were a time of enormous change in the electrical sector in which the seeds of today's industry were sown. There was heavy destruction to the industry in Europe and Japan in the first half of the 1940s, while in the USA capacity grew from 37.6 GW in 1938 to 50.1 GW in 1945. In the years after the war reconstruction commenced, with global capacity growing to 217 GW by 1950. Global capacity is forecast to reach 7,390 GW in 2020.

Published September 2019

Product Code: NRGPG4

£2,950

New Global Power Generation Projects Database

Edition 1, 2012

This NRG Expert Database provides a by country listing of Global Electric Power Generation Projects proposed, under construction or awaiting commissioning. The database contains over 2870 entries.

Published July 2012

Product Code: NRGNPG1

£1,950

Energy Storage Report

Edition 1, 2011

NRG Expert's Energy Storage Report looks at the global developments for battery and energy storage. Energy storage has started to garner interest as a means to integrate more intermittent renewable capacity into the grid. Storage has more uses such as meeting peak demand and delaying investment in generation capacity which makes it attractive for utilities. Although while most interest in storage has focused on grid-scale applications, there is also a large market for smaller-scale distributed storage. This includes storage at the consumer-side which could meet demand when the upstream part of the grid is offline. To illustrate the point, in 2010 grid-scale storage projects only accounted for just under one-third of storage deals. Batteries for electric vehicles and plug-in hybrids are too expensive, and the infrastructure is not in place for large-scale charging of vehicles. The development of smart grids would make these vehicles more attractive. The development of the storage sector is largely reliant on rising oil prices, in the case of electric vehicles, and gas prices, in the case of grid storage and distributed capacity. Both of which are likely in the mid-term.

Published September 2011

Product Code: NRGES1

£950

Energy Security Report

Edition 1, 2011

This global report covers the issues and uncertainties facing companies and countries regarding energy security. At the country and company-level, there are growing concerns over energy security. While no one definition of energy security exists, it is often referred to as enough energy supplies to meet demand



at an acceptable price that is not detrimental to economic growth. Indices for energy security have been developed, but there is no one definitive energy security index. Current fluctuating fuel and electricity prices are making countries and companies consider other options to meet demand. Especially as some oil and gas countries are experiencing civil disturbances, fuel theft and piracy events. For example, piracy takes place off the coast of Nigeria and Somalia, civil unrest in Libya and oil theft in the Delta region of Nigeria. Therefore, companies and countries have started to investigate the use of energy supplies closer to home or from more stable countries.

Published October 2011

Product Code: NRGESY1

£995

Electricity Transmission and Distribution Report and Database

Edition 9, 2019

This updated NRG Expert market research report and database analyse the global Transmission and Distribution market, providing a general overview of the T&D industry. Our team of analysts, backed by the vast data we have collected, have created this industry analysis and forecasted data to 2023 for key sectors of the industry. The database is the focus of the product and as such contains the important forecast information and current figures. The database consists of 1 **Global Data Summary** and nine individual **Region** Microsoft® Excel (.xlsx) files. The report element of the T&D product presents a background to the Electrical Supply Industry giving a historical overview of the industry before delving deeper into the state of the industry at present and looking towards the future. The report also explains the various sectors of the industry as defined by NRG Expert and used in the Database.

Published June 2019

Product Code: NRGTDR9

£5,500

Electricity Transmission and Distribution Database

Edition 9, 2019

This NRG Expert market research database provides current and forecast figures for the global Transmission and Distribution market. The database consists of 1 **Global Data Summary** and nine individual **Region** Microsoft® Excel (.xlsx) files. The database can be purchased as a global file, or each of the nine individual region files can be purchased separately.

Published July 2019

Product Code: NRGTDD9

£4,200

The Global High-Tech Power Market Report and Database

Edition 2, 2013-2017

The NRG Expert Global High-Tech Report and Database offers detailed forecasts and analysis of the High-Tech Electricity Transmission and Distribution power systems sector, defined as utility automation and power systems technology. It provides data and forecasts for annual demand and capital expenditure data for this sector and also includes the value of the T&D sector as a percentage of the whole smart grid market.

Product Code: NRGTDH2

£1450



The Global Power Infrastructure Market (Transformers, Switchgear & Substations) Report and Database

Edition 2, 2013-2017

This NRG Expert report and database provides an analysis of the power infrastructure market, which includes transformers, switchgear & substations. It provides data and forecasts for this sector's annual demand, Capex and MVA Capacity.

Product Code: NRGTDT2

£1450

The Global Market for Cables, Towers & Insulators Report and Database

Edition 2, 2013-2107

Electricity transmission and distribution networks are expanding rapidly, and this is creating demand for cables, electrical insulators and transmission towers. A desire for grid stability and reliability has driven increasing investment in the power transportation market. To help companies forecast market size and identify opportunities, NRG Expert has published this report and database.

Product Code: NRGTDC2

£1950

Global Power Plant Database

Edition 1, 2013-2014

This NRG Expert database provides thorough intelligence on the world's operational power generation plants. It is an essential tool for finding the specific power mix of the world's nations, specific details on individual plants and details on regional capacity. It covers over 24,000 power plants in over 180 countries, comprising 80% of global capacity.

Product Code: NRGDBP1

£4995



METERING AND SMART GRID

Global Deployment of Utility Meters Forecasting Database and Industry Overview 2013

Edition 3, 2013

The electricity metering market alone expects an investment of US\$12 billion by 2015 This product provides in-depth insight into what is going on in this fast growing market. The database contains a worldwide, multi-meter overview which lists the value per utility metering segment for the year 2012, forecast to the year 2016. It shows where investments are taking place in the metering industry and what the market will look like in 5 years in these key regions.

Included with purchase is a concise industry overview. It provides insight that compliments the database, provides analysis of the state of the gas, water and electricity metering sectors, discusses the drivers in the metering industry, shows the major player's regional market shares and explains the methodology and assumptions used by NRG Expert.

Published May 2013

Product Code: NRGMD03

£2,995 (Report & Database)

The Global Smart Grid Industry (2019)

Edition 2, 2019

The smart grid has gained a lot of column inches in the last decade as the panacea for all problems with the current grid system. The grid's high carbon footprint; and its inability to integrate a high percentage of intermittent renewable energy capacity from wind and solar, and distributed, small scale energy generators, such as rooftop solar PV plants and small-scale wind turbines; are all but a few of the problems faced in modern grid systems.

The NRG Expert *Global Smart Grid Industry* report and database provide an overview of the smart grid industry discussing the case for the smart grid and some of the features, challenges and benefits associated with the technological shift taking place. Renewables integration and our ever-increasing need for energy efficiency coupled with an increased demand for energy is driving the development and advancement of smart grid infrastructure.

Published January 2019

Product Code: NRGSG2

£1,010

Energy Efficiency Report

Edition 1, 2012

This NRG Expert report looks at the policies and incentives for energy efficiency for the power generation, the industrial sector, transportation and the residential or commercial sectors for countries worldwide. The report enables the reader to identify the major consumers of energy. They include in descending order, energy for power generation, the industrial sector, transportation and the residential or commercial sector. With electric generation capacity expected to be constrained in many countries worldwide in the foreseeable future, efforts have been focused on increasing electricity supply and reducing demand. One of the lowest hanging fruits in reducing electricity demand, i.e. the lowest cost, highest benefit ratio, is energy efficiency. Often energy efficient measures and devices will be more cost-effective than the construction of new generation capacity to meet demand for electricity. The same principle applies to fuels for energy generation. Where projected rising prices, especially for oil, make energy efficient cars with a low fuel consumption compared to conventional vehicles considerably more attractive for consumers. Uptake of the implementation of some energy efficiency devices has been



rather slow where significant barriers exist, such as high upfront costs, etc. In many countries, the uptake of energy efficiency is incentivised. For example, in Canada homeowners are offered grants for energy efficiency improvements under the ecoENERGY Retrofit scheme.

Published February 2012

Product Code: NRGEE1

£950.00

Smart Technology Report

2013-2017

This NRG Expert report provides essential insight into the causes of power generation shortfalls and detailed intelligence on the technologies that may address them. It discusses energy security and emerging technologies in the energy storage and energy efficiency sectors.

Published February 2013

Product Code: NRGSEI1

£950.00



UTILITY GUIDES

Global Guide to Natural Gas Utilities Report

Edition 1, 2012

This NRG Expert Natural Gas Utilities Report is a guide providing a fully comprehensive global analysis for the Natural Gas Industry. This report includes; a description of the different types of natural gas and uses, the global natural gas situation including reserves, market, trade and the gas exporting countries forum, coverage of the natural gas market at the regional level, in-depth reporting of the economic situation and natural gas market including natural gas production, transportation, distribution and generation of electricity amongst others for 116 countries worldwide. Carbon reduction commitments and low gas prices compared to other fossil fuels have made natural gas more attractive for power generation and transportation. Overall consumption of natural gas has been growing worldwide. In emerging economies such as China and India domestic supply has not been able to meet growth in demand. More countries are importing natural gas. Increasingly this natural gas is being transported over longer distances. Thus, the transportation of liquefied natural gas (LNG) has been outpacing growth in the trade of natural gas via pipelines, which is more expensive.

Published February 2012

Product Code: NRGNRU1

£995

Global Guide to Water and Waste Water Utilities Report

Edition 1, 2012

The world's population is averaging a growth rate of around 1.1% annually. This is creating a greater demand for improved water supplies and sanitation, especially in developing countries and urban areas. As stronger population growth is observed in these regions. They may also have more challenging requirements to meet the water target under the UN's Millennium Development Goals (MDGs). A target of reducing 'the proportion of people without sustainable access to safe drinking water and sanitation' for eligible countries by half by 2015.

Published April 2012

Product Code: NRGWW1

£950.00

Electrical Supply Industry World Guidebook

2013-2017

This NRG Expert guidebook outlines the electrical supply industry of 196 countries individually. Compiled from many sources over 11 years, this guidebook provides detailed information on this industry.

Published February 2013

Product Code: NRGESG1

£950.00



Electrical Supply Industry Database

2012

Spanning four primary sectors (generation, transmission, distribution and supply) and involving many diverse players worldwide, the Electrical Supply Industry is large and complex. National markets differ considerably, with competition having been introduced in some national markets for generation and supply while privatisation has occurred in other markets. Meanwhile, transmission and distribution are natural monopolies since electricity must be delivered via common lines.

Navigating this industry requires detailed information. This NRG Expert database provides it, offering a comprehensive, by country listing of active companies in this industry worldwide. Compiled from many sources over 11 years, this database offers the knowledge base needed to understand this industry.

Published May 2013

Product Code: NRGESD1

£850.00



FOSSIL FUEL AND CONVENTIONAL ENERGY

The Global Natural Gas Industry

Historical, Present, and Future Generation Statistics to 2030

Edition 2, 2016

Natural Gas consumption is on the rise in the power generation sector, and NRG Expert's Global Natural Gas Industry intelligence product will give you the data and insights that are necessary to understand this growing market. We have researched the Natural Gas market to produce an in-depth database and accompanying market research report that focuses on the discovery, extraction and uses of natural gas. The report and database combine NRG Expert's research abilities with a keen understanding of the power generation landscape to give you a comprehensive look at the sector.

Published October 2016

Product Code: NRGNG2

£995

Shale Gas Report

Edition 1, 2011

This report looks at the global Shale Gas market, the changes, developments and forecasts for the future. Shale gas has been a 'game changer' in the US changing the country from being reliant on imports for the foreseeable future to being able to meet demand from domestic production. A large reduction in the cost to produce natural gas from shale has made shale gas economically viable. So presently US natural gas prices are around USD 4 per mmBtu. Whether shale gas can maintain its meteoric rise is uncertain. Low gas prices have made the economics of shale gas projects less attractive and are expected to remain bearish in the short-term. Furthermore, there is concern over the environmental impact of fracturing water and the amount of water used in the fracturing process. New environmental legislation on hydraulic fracturing, if passed, could drive the costs of hydraulic fracturing higher, possibly leaving only the big players in the shale game.

Published September 2011

Product Code: NRGSG1

£650

Global Oil Reserves and Shale Oil Report

Edition 1, 2012

The NRG Expert Global Oil Reserves and Shale Oil report looks at global oil reserves and shale oil by country and company. The Shale Oil market and to date production of shale oil has been mainly restricted to periods in history when oil supplies were constrained or expected to be constrained or when governments supported the sector. For example, interest in shale oil projects was high during and after wars due to concern over possible supply constraints. After the 1973 oil embargo, a reduction in oil supplies resulted in many countries exploring and producing domestic shale oil.

High oil prices have made expensive shale oil projects more attractive, but the volatility of oil prices have made it risky to invest in expensive projects that require a high oil price to be profitable. Oil prices are projected to rise, which may make projects profitable in the long-term, particularly in countries keen to increase domestic oil production. Competition from conventional oil and unconventional and frontier gas is a significant risk, for example, oil sands and deep offshore gas. However, as OPEC oil is expected to continue to dominate the oil markets, countries with oil shale reserves may be keen to develop, at least some domestic oil industry.

Published April 2012

Product Code: NRGSHO1

£850



Oil Sands Report

Edition 1, 2011

This report looks at the global Oil Sands market place now and the predictions for future growth development and change. Rising oil prices have renewed interest in oil sands and extra-heavy oil projects. In the two countries with the largest proven reserves, Canada and Venezuela, there has been an increase in both domestic and foreign investment in projects. With Japan, China and South Korea leading the pack regarding the monies invested and diversity of projects funded. As all four countries are reliant on oil imports and Japan has no fossil fuel reserves of its own. In Venezuela, for the first time since his election, Chavez has awarded heavy oil blocks in its Orinoco belt to foreign companies. By contrast, most Canadian Oil Sands leases have been awarded. Therefore, mergers and acquisitions are likely to feature heavily over the coming years rather than brand new projects in the Alberta oil sands region.

Published September 2011

Product Code: NRGOSR1

£650

The Global Nuclear Industry

Historical, Present, and Future Generation Statistics to 2025

Edition 2, 2014

This report analyses the global Nuclear Power market, the market drivers and the key components for future growth and development. The nuclear renaissance has been long overdue and finally appears to be materialising, but not with the anticipated surge of new build worldwide. Instead, there is a clear East-West divide. Asian giants are focusing on new construction to meet supply shortages, and countries in Europe and North America are opting to update existing facilities and extend their lifetime. As often this is cheaper and more acceptable to public opinion. As there has been limited new build in the West over the past ten years, South Korea and China are starting to gain a stronghold in the domestic and international market.

Published November 2014

Product Code: NRGNR2

£1,050

The Global Coal Industry

Historical, Present, and Future Generation Statistics to 2025

Edition 2, 2014

NRG Expert's coal and clean coal market research report and generating statistics database provides a comprehensive overview and analysis of the global coal and clean coal market. It provides a detailed analysis of key coal prices, coal companies and coal mining. It evaluates coal technology, and provides coal industry forecasts. The product consists of a report, and of a database which together present market-leading information allowing you to base your key business decisions and strategies on reliable in-depth analysis backed by NRG Expert's experience and expertise.

Published 2014

Product Code: NRGCR2

£1,050



RENEWABLE ENERGY

Renewable Energy & The Global Recession

Edition 1, 2013

While the global recession of 2008-2013 has meant slowed growth across many sectors, the renewable energy sector has seen continued investment. Growing interest and political pressures mean that governments worldwide have continued to encourage development and investment in this sector. As such, global capacity has continued to grow, albeit at a slower pace than in 2008.

This NRG Expert report contains an overview of the global market for renewable energy and covers the technology, companies, public demand and prospects, with an analysis of each energy sector. This allows for an examination of the effects of the recession on the global renewable industry given its unique position. It provides interesting insight into how a market sector will continue to grow in times of recession given sufficient government and public interest.

Published May 2013

Product Code: NRGRER1

£995

The Global Wind Industry (2018)

Edition 3, 2018

Wind electricity generation is on the rise in the power generation sector, and NRG Expert's new Wind Industry intelligence product will give you the data and insights that are necessary to understand this growing market. We have researched the wind electricity market to produce an in-depth database and accompanying market research report that focuses on the generation using wind technology. The report and database combine NRG Expert's research abilities with a keen understanding of the power generation landscape to give you a comprehensive look at the sector.

Published October 2018

Product Code: NRGWE3

£1,010

The Global Solar Industry (2018)

Edition 3, 2018

Solar electricity generation is on the rise in the power generation sector, and NRG Expert's new Global Solar Industry intelligence product will give you the data and insights that are necessary to understand this growing market. We have researched the solar electricity market to produce an in-depth database and accompanying market research report that focuses on the generation through the use of solar technology. This includes PV technology which is the main focus of the report, but the database also presents solar thermal power generation. The report and database combine NRG Expert's research abilities with a keen understanding of the power generation landscape to give you a comprehensive look at the sector.

Published October 2018

Product Code: NRGSPR3

£1,010

Geothermal Report

Edition 1, 2011

NRG Expert's Geothermal Report contains a global assessment of Geothermal energy developments and deployments. 2010 appeared to be a weak year for geothermal with few projects commissioned



and only in existing markets. However, this is not indicative of the state of the sector as a whole. As more money was invested in geothermal last year than the previous year. Several projects are now in the advanced stages of development, e.g. in the US alone there is 722 MW of project in phase 3 and 4, and support for the sector is strong. Specifically, Japan and Indonesia are relaxing rules on developing geothermal projects on protected land, which should open up more sites for development. Over the next five years, high growth markets for the sector are expected to continue to be the top six main markets, Kenya, Iceland, Mexico and South America. For the latter, developers have already been awarded concessions to explore new sites in Argentina, Colombia, Chile and Peru. In the middle of 2010, the Chilean government announced plans to invest up to USD 200 million in geothermal projects and will grant over 170 geothermal concessions over the next two years, which should result in the country installing its first generation plant in the mid-term. Kenya and Mexico and the other six major markets are likely to commission projects in the advanced stages of development.

Published September 2011

Product Code: NRGGT1

£1,050

The Global Bio-Energy Industry (2018)

Edition 1, 2018

From wood-burning stoves to jet fuel, as one of our oldest sources of energy Bio-Energy is increasingly gaining in popularity with an ever-growing list of applications suitable for our modern, energy-hungry world. When we speak of bioenergy, there are certain distinctions that need to be made. As an energy source, bioenergy is that energy that is produced using fuels derived directly or indirectly from organic material including plant materials and animal waste. Broadly speaking, within the bioenergy sector, we can further branch out the definitions to include Biomass energy and Biofuels energy. Each provides their own way of generating the energy based on the fuels used, though specifically how the fuel is created and used during the process.

NRG Expert's the Global Bio-Energy Industry (2018) Report takes a look at the sector and describes the features and developments taking place in this dynamic field.

Published September 2018

Product Code: NRGBE1

£395

World Biofuels Report

Edition 1, 2012

This report looks at the global Biofuels marketplace now and the predictions for future growth and development. 2009 was a hard year for the biofuels sector with low oil prices and reduced demand for transport fuels. Investment in the industry was down by just over a third compared to the previous year. Plants were idle or operating at less than capacity. The industry in the EU, US, Malaysia and Indonesia were particularly feeling the effects; both the US and EU were struggling to compete with cheaper fuels from Latin America. The projects that did receive investments mainly used mixed feedstocks and thus could adapt to changing commodity prices and supply shortages. Projects using sugar cane or next generation feedstocks such as jatropha, cellulosic or algae received significant investments.

Published August 2012

Product Code: NRGWB1

£850

World Biomass Report

Edition 1, 2012

This report analyses the global Biomass market, the market drivers and the key components for future growth. The biomass market suffered during the economic downturn in the face of low coal prices,



logistic barriers and supply issues. 2010 saw more movement in the sector as coal prices are beginning to rise once again making co-firing coal plants with biomass more attractive. Furthermore, the biomass component of a coal-fired plant may be eligible for feed-in tariff or count towards renewable portfolio standards. Most of these plants rely on wood pellets, often transported at a great distance, rather than wood chips or other less dense biomass sources. In the wood pellets market, supplies from the US and Canada are cheaper than their European counterparts, and thus North America is a major supplier for European biomass plants. CIS countries, Russia, Australia and South Africa have entered as significant suppliers, which if they could ramp up supply, could be serious competitors to the US and Canada. Alternatively, in the case of Russia, resolve supply delay issues, could be one of the biggest players in the market.

Published August 2012

Product Code: NRGBR1

£850

The Global Hydro Industry

Historical, Present, and Future Generation Statistics to 2025

Edition 2, 2015

This report looks at the global hydro market, the changes, developments and forecasts for the future. Following years of stagnation and bad press, hydropower is experiencing a resurgence. Technologies with a lower environmental impact such as run-of-river, small hydro and low head turbines are proving to be extremely popular to both appease critics of hydro and meet energy needs. So much so that in the USA, the regulator of hydro projects, the FERC, has signed memorandums of understanding with five states to streamline the licensing of small projects. There has been an increase in pumped storage projects as a standalone option and retrofitted on to existing hydropower assets. As pumped storage is the most mature technology to store electricity generated from intermittent renewables such as wind and solar and then release it to meet peak demand. Many such projects are planned or under construction in the USA, China and Europe, which have a significant number of solar and wind projects installed or in the pipeline.

Published September 2015

Product Code: NRGHR2

£1050

Global Ocean Energy Report

Edition 1, 2012

This report looks at the key market drivers for the Global Ocean Energy market, developments and future projections. 2009 was a good year for the ocean energy sector with the US \$246 million invested in the sector, up from the 2008 figure. Key areas of development were wave energy and tidal and marine current projects. For both sectors, more devices reached the prototype stage and were tested out at sea. Considerably more funding has been available for projects to take this leap. Portugal and the UK remain as the main countries for wave energy projects due to generous grants and subsidies, targets and in the case of Portugal, a feed-in tariff. Other countries making significant inroads in the sector last year include Australia, the US, New Zealand and other European countries, especially Ireland.

Published August 2012

Product Code: NRGOER1

£650

Global Renewables Report

Edition 1, 2012

This report is an overview of the global renewable energy markets including – Solar PV, Solar Thermal, Wind, Biomass, Hydro, Ocean Technologies, Geothermal and Biofuels.



Published October 2012 Product Code: NRGRR1 £1,050



WATER & WASTE

Global Guide to Water and Waste Water Utilities Report

Edition 1, 2012

The world's population is averaging a growth rate of around 1.1% annually. This is creating a greater demand for improved water supplies and sanitation, especially in developing countries and urban areas. As stronger population growth is observed in these regions. They may also have more challenging requirements to meet the water target under the UN's Millennium Development Goals (MDGs). A target of reducing 'the proportion of people without sustainable access to safe drinking water and sanitation' for eligible countries by half by 2015.

Published July 2012

Product Code: NRGWW1

£950.00

Global Desalination Report

Edition 1, 2012

This NRG Expert Report provides a global overview of Desalination. It looks at water stress, future and current markets, rising demand for desalination, costs, advantages, current and future technologies and much more. Many parts of the world are experiencing severe water stress with limited fresh water supplies. In some parts of the world water use exceeds renewable water capacity – renewable water is defined as surface and underground water supplies that are replenished by rainwater. These regions often use non-renewable groundwater supplies, which are also further down and require more energy to exploit or exploit underground aquifers resulting in salt water intrusion. Increased industrialisation and urbanisation has also lead to ground water pollution in some regions.

Published July 2012

Product Code: NRGDR1

£1,050



FINANCE AND REGULATORY

Electricity Deregulation Report

Edition 1, 2012

This NRG Expert report provides a by country look at the state of Electricity Deregulation on a Global Scale. The momentum towards liberalisation of the electricity supply industry continues around the world, but it proceeds at varying paces. As a region, only the EU is moving systematically in a coordinated manner, while other markets are developing new structures on an individual country basis. Some are calling for a return to government control to encourage decision making, and planners should be aware of this potential hazard in the path of liberalisation.

Published August 2012

Product Code: NRGED01

£1,495

Water Deregulation Report

Edition 1, 2012

This NRG Expert report provides a by-country look at the state of deregulation of water utilities and suppliers in the world. Furthermore, it gives an overview of the waste-water treatment suppliers per country. National and international regulations are presented along with an analysis of compliance per country or subdivision. The water and wastewater industry is worth an estimated US\$3 Billion each year and is becoming more and more open to private participation.

Published August 2012

Product Code: NRGWD01

£1,495

Gas Deregulation Report

Edition 1, 2012

This NRG Expert report provides a worldwide by country look at the state of deregulation in the natural gas supply industry. It is increasingly apparent that deregulating energy markets is not easy. The path is full of pitfalls and very few countries which have embarked on this course are now where they thought they would be. The gas sector differs from the electricity sector in that, not every country produces or uses gas, natural or manufactured, whereas every country generates and uses electricity. This report includes the 76 countries which are significant producers or significant consumers of natural gas. 49 of these countries produce natural gas, and 66 consume it. Some of the producing countries are not significant consumers. The natural gas industry is relatively young compared with the other energy industries, coal, electricity, oil or manufactured gas. In this report, there are countries covered which are significant producers but are only beginning to consume gas themselves. A few small consumers rely on shipped LNG requiring no high-pressure transmission pipeline systems but only low-pressure distribution pipes.

Published August 2012

Product Code: NRGGD01

£1,495



Global Regulators Database

Edition 1, 2012

This NRG Expert database contains a directory listing of the world's regulators. It provides you with contact details as well as a breakdown by sector of the regulators. There are over 400+ entries in the database, categorised by Gas, Electricity, Water, Heat, and Sewage Regulators, on a by country basis.

Published August 2012

Product Code: NRGRD01

£400



COUNTRY REPORTS

Global Energy Almanac – 200 Countries

Edition 1, 2012

A by-country interactive database of Electricity, Gas, Water, Petroleum and BioFuel data containing Vital Statistics for each country, Utility Customers, Emissions, Energy Intensity, CAPEX, Regulators, plus detailed data on:

Electricity: Transmission & Distribution installed base and data, voltage tables, metering installations, smart meters, prices and feed-in tariffs, Capacity by Fuel type, total production, total consumption, imports & exports, lists of power plants, and listings of electrical supply industry companies, and

Gas: proven natural resources, Gross natural gas production, production for consumption, flared gas, Imports & exports, consumption, prices, meters installed, smart, and listings of Gas companies, and

Water: Access to drinking water, annual renewable water resources, fresh water withdrawal, installed meters, smart meters, and listings of water supply companies, and

Petroleum & BioFuels: Emissions from consumption, proven natural resources, petro-distillation capacity, petro-production & consumption, crude oil imports and exports, BioFuel production & consumption, fuel ethanol production & consumption, and Bio Diesel.

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