

Quarterly Trend and Forecast of Global Electricity Market Q1-08 to Q4-12, July 2012

<https://marketpublishers.com/r/QA18044297BEN.html>

Date: July 2012

Pages: 0

Price: US\$ 4,850.00 (Single User License)

ID: QA18044297BEN

Abstracts

According to this report, worldwide electricity generation has been increasing steadily over the past decade and is expected to grow to 28,085 TWh by 2017 with a CAGR of 4% over the next five years. Renewable electricity generation is expected to grow to 7,425 TWh by 2017 at a CAGR of 8.1% through 2017.

Worldwide electricity generation has been increasing steadily over the past decade and is expected to grow to 28,085 TWh by 2017 with a CAGR of 4% over the next five years. Renewable electricity generation is expected to grow to 7,425 TWh by 2017 at a CAGR of 8.1% through 2017.

In its new market study, '-Quarterly Trend and Forecast of Global Electricity Market Q1-08 to Q4-12,' Lucintel analyzes the global electricity market and outlines areas of opportunity for the remainder of 2012 as well as the next five years. Lucintel's research indicates that the varied and dynamic energy policies are posing stiff challenges to cope with industry changes and maintain profitability. Burgeoning GDP, improving standards of living, and the proliferating services and manufacturing sectors, however, have led to an increase in electricity demand.

As indicated in the study, approximately 51 GW of new installations came online every quarter globally from the first quarter of 2008 through the fourth quarter of 2010. Conventional energy sources, mainly coal, dominated in the worldwide installations, and coal is expected to continue that dominance. Approximately 50 GW of new installations are expected to come online every quarter. Through 2012, approximately 58% of the quarterly installations are expected to come from conventional sources. The share of renewable energy sources among quarterly installations is expected to approach 39%.

Lucintel's research indicates that more than half of the installations are expected to come from the Asia Pacific (APAC) region during the period Q1-11 to Q4-12. APAC is expected to add approximately 28 GW every quarter, followed by Europe (8.5 GW), North America (7.1 GW), and ROW with (5.7 GW).

Lucintel's report provides detailed trend and forecast data for different energy sources; specifically, demand and supply analysis with future forecasts for 2017. The report analyzes the drivers that lead the demand in different energy segments and the supply challenges these segments are likely to face. The study considers various governments policies; regional benchmarking of electricity markets; energy market trends, forecasts, and growth opportunities by region; and much more.

This unique report from Lucintel is expected to provide valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market. This report is estimated to save hundreds of hours of your own personal research time and is anticipated to significantly help in expanding your business in this market. In today's unstable economy, you need every advantage that you can find to keep you ahead in your business.

To make business, investment, or strategic decisions, you need timely and adequate information. This market report fulfills this core need and is an indispensable reference guide for multi-national material suppliers, product manufacturers, investors, executives, distributors and many more, who are dealing with this market.

Some of the features of '-Quarterly Trend and Forecast of Global Electricity Market Q1-08 to Q4-12,' include these:

- Global electrical energy market size in terms of volume generation

- Global electrical energy market trend and forecast in terms of volume generation

- Regional electricity demand and supply analysis

- Major growth drivers and challenges for global electrical energy market

- Trend (2006-2011) and forecast (2012-2017) of global electrical energy capacity by source and, by region

- Global Electricity Market's Quarterly Trend (Q1-08 to Q4-10) and forecast

(Q1-12 to Q4-12) analysis by installation and by region

Growth opportunities in emerging applications of global electrical energy market

More than 150 figures/charts and 30 tables are provided in this roughly 240-page report.

Contents

1. EXECUTIVE SUMMARY

2. ELECTRICITY INDUSTRY BACKGROUND AND CLASSIFICATIONS

2.1: Electricity industry background

2.2: Electricity industry classification

2.2.1: Non-renewable electricity generation sources

2.2.2: Renewable electricity generation sources

3. GLOBAL ELECTRICITY MARKET ANALYSIS 2010

3.1: Global electricity market overview

3.2: Global electricity market by source in 2010

3.2.1: Coal electricity market analysis 2010

3.2.2: Natural gas electricity market analysis 2010

3.2.3: Oil electricity market analysis 2010

3.2.4: Nuclear electricity market analysis 2010

3.2.5: Hydro electricity market analysis 2010

3.2.6: Wind electricity market analysis 2010

3.2.7: Solar electricity market analysis 2010

3.3: Global electricity market by region in 2010

3.3.1: North America's electricity market analysis 2010

3.3.2: Europe's electricity market analysis 2010

3.3.3: Asia Pacific's electricity market analysis 2010

3.3.4: Rest of the World electricity market analysis 2010

4. GLOBAL ENERGY ECONOMICS

4.1: Global energy consumption growth versus global electricity consumption growth 1990-2010

4.2: GDP-electricity mapping of top five economies

4.3: World GDP-global electricity generation correlation

4.4: Electricity installations per capita versus electricity consumption per capita 1980-2010

5. REGIONAL BENCHMARKING OF ELECTRICITY MARKETS

- 5.1: Regional electricity generation capacities 2010
- 5.2: Regional energy consumption growth vs. electricity consumption growth 1990-2010
- 5.3: Regional electricity demand and supply analysis
- 5.4: Regional GDP-electricity generation positioning 2005, 2010, and 2016
- 5.5: Regional GDP versus energy efficiency 2010
- 5.6: Gauging the electricity and social development relationship

6. GLOBAL ELECTRICITY MARKET TREND

- 6.1: Global electricity market trend
 - 6.1.1: Global electricity generation trend 1990-2010
 - 6.1.2: Regional share of global electricity generation 1990-2010
 - 6.1.3: Global electricity generation trend 1990-2010
 - 6.1.4: Global electricity generation capacity trend by source 2005-2010
 - 6.1.5: Annual changes in global electricity generation capacity by source 2006-2010
- 6.2: Global electricity market trend by source
 - 6.2.1: Global coal electricity generation capacity trend 2005-2010
 - 6.2.1.1: Coal electricity drivers and challenges
 - 6.2.2: Global natural gas electricity generation capacity trend 2005-2010
 - 6.2.2.1: Natural gas electricity drivers and challenges
 - 6.2.3: Global oil electricity generation capacity trend 2005-2010
 - 6.2.3.1: Oil electricity drivers and challenges
 - 6.2.4: Global nuclear electricity capacity trend 2005-2010
 - 6.2.4.1: Nuclear electricity drivers and challenges
 - 6.2.5: Global hydro electricity generation capacity trend 2005-2010
 - 6.2.6: Global wind electricity generation capacity trend 2005-2010
 - 6.2.6.1: Wind electricity drivers and challenges
 - 6.2.7: Global solar electricity generation capacity trend 2005-2010
 - 6.2.7.1: Solar electricity drivers and challenges
- 6.3: Global electricity market trend by region
 - 6.3.1: North America's electricity market trend
 - 6.3.1.1: North America's electricity generation trend 1990-2010
 - 6.3.1.2: North America's electricity generation capacity trend 2005-2010
 - 6.3.1.3: North America's electricity generation capacity trend by source 2005-2010
 - 6.3.1.4: Annual changes in North America's electricity generation capacity 2006-2010
 - 6.3.2: Europe's electricity market trend
 - 6.3.2.1: Europe's electricity generation trend 1990-2010
 - 6.3.2.2: Europe's electricity generation capacity trend 2005-2010

- 6.3.2.3: Europe's electricity generation capacity trend by source 2005-2010
- 6.3.2.4: Annual changes in Europe's electricity generation capacity 2005-2010
- 6.3.3: APAC's electricity market trend
 - 6.3.3.1: APAC's electricity generation trend 1990-2010
 - 6.3.3.2: APAC's electricity generation capacity trend 2005-2010
 - 6.3.3.3: Asia Pacific's electricity generation capacity trend by source 2005-2010
 - 6.3.3.4: Annual changes in APAC's electricity generation capacity by source 2006-2010
- 6.3.4: Rest of the World's electricity market trend 2005-2010
 - 6.3.4.1: ROW's electricity generation trend 1990-2010
 - 6.3.4.2: ROW's electricity generation capacity trend 2005-2010
 - 6.3.4.3: ROW's electricity generation capacity trend by source 2005-2010
 - 6.3.4.4: Annual changes in ROW's electricity generation capacity by source 2006-2010

7. GLOBAL ELECTRICITY MARKET FORECAST AND GROWTH OPPORTUNITIES

- 7.1: Global electricity market forecast
 - 7.1.1: Global electricity generation forecast 2011-2016
 - 7.1.2: Global electricity generation capacity forecast 2011-2016
 - 7.1.3: Global electricity generation capacity forecast by source 2011-2016
 - 7.1.4: Annual changes in global electricity generation capacity by source 2011-2016
- 7.2: Global electricity market forecast by source 2011-2016
 - 7.2.1: Coal electricity generation capacity forecast: 2011-2016
 - 7.2.2: Natural gas electricity generation capacity forecast 2011-2016
 - 7.2.3: Oil electricity generation capacity forecast 2011-2016
 - 7.2.4: Nuclear electricity generation capacity forecast 2011-2016
 - 7.2.5: Hydro electricity generation capacity forecast 2011-2016
 - 7.2.6: Wind electricity generation capacity forecast 2011-2016
 - 7.2.7: Solar electricity generation capacity forecast 2011-2016
- 7.3: Global electricity market forecast by region
 - 7.3.1: North America's electricity market forecast 2011-2016
 - 7.3.1.1: North America's electricity generation forecast 2011-2016
 - 7.3.1.2: North America's electricity generation capacity forecast 2011-2016
 - 7.3.1.3: North America's electricity generation capacity forecast by source 2011-2016
 - 7.3.1.4: Annual Changes in North America's electricity generation capacity by source 2011-2016
 - 7.3.2: Europe's electricity market forecast 2011-2016

- 7.3.2.1: Europe's electricity generation forecast 2011-2016
- 7.3.2.2: Europe's electricity generation capacity forecast 2011-2016
- 7.3.2.3: Europe's electricity generation capacity forecast by source 2011-2016
- 7.3.2.4: Annual changes in Europe's electricity generation capacity by source 2011-2016
- 7.3.3: Asia Pacific's electricity market forecast 2011-2016
 - 7.3.3.1: Asia Pacific's electricity generation forecast: 2011-2016
 - 7.3.3.2: APAC's electricity generation capacity forecast 2011-2016
 - 7.3.3.3: APAC's electricity generation capacity forecast by source 2011-2016
 - 7.3.3.4: Annual changes in APAC's electricity generation capacity by source 2011-2016
- 7.3.4: ROW's electricity market forecast 2011-2016
 - 7.3.4.1: ROW's electricity generation forecast 2011-2016
 - 7.3.4.2: ROW's electricity generation capacity forecast 2011-2016
 - 7.3.4.3: ROW's electricity generation capacity forecast by source 2011-2016
 - 7.3.4.4: Annual changes in row's electricity generation capacity by source 2011-2016
- 7.4: Global electricity market growth matrix

8. GLOBAL ELECTRICITY MARKET'S QUARTERLY TREND

- 8.1: Quarterly trend of global electricity market
 - 8.1.1: Global quarterly installations trend by source
 - 8.1.2: Global quarterly installations by conventional, nuclear, and renewable sources
 - 8.1.3: Share of renewable & non-renewable sources in global Quarterly installations
 - 8.1.4: Global quarterly electricity generation trend
- 8.2: Global quarterly electricity market trend by region
 - 8.2.1: Quarterly trend of North America's electricity market
 - 8.2.1.1: North America's quarterly installations trend of by source
 - 8.2.1.2: North America's quarterly installations trend by conventional, nuclear, and renewable sources
 - 8.2.1.3: Share of renewable & non-renewable sources in North America's quarterly installations
 - 8.2.1.4: North America's quarterly electricity generation trend
 - 8.2.2: Quarterly trend of the Europe's electricity market
 - 8.2.2.1: Europe's quarterly installations trend by source
 - 8.2.2.2: Europe's quarterly installations trend by conventional, nuclear, and renewable sources
 - 8.2.2.3: Share of renewable & non-renewable sources in Europe's quarterly installations

- 8.2.2.4: Europe's quarterly electricity generation trend
- 8.2.3: Quarterly trend of Asia Pacific's electricity market
 - 8.2.3.1: Asia Pacific's quarterly installations trend by source
 - 8.2.3.2: Asia Pacific's quarterly installations trend by conventional, nuclear, and renewable sources
 - 8.2.3.3: Share of renewable & non-renewable sources in Asia Pacific's quarterly installations
 - 8.2.3.4: Asia Pacific's quarterly electricity generation trend
- 8.2.4: Rest of the World's electricity market's quarterly trend
 - 8.2.4.1: Rest of the World's quarterly installations trend by source
 - 8.2.4.2: Rest of the World's quarterly installations trend by conventional, nuclear, and renewable sources
 - 8.2.4.3: Share of renewable & non-renewable sources in Rest of the World's quarterly installations
 - 8.2.4.4: Rest of the World's quarterly electricity generation trend

9. GLOBAL ELECTRICITY MARKET'S QUARTERLY FORECAST

- 9.1: Quarterly forecast of global electricity market
 - 9.1.1: Global quarterly installations forecast by source
 - 9.1.2: Global quarterly installations forecast by conventional, nuclear, and renewable sources
 - 9.1.3: Share of renewable and non-renewable sources in global quarterly installations
 - 9.1.4: Global quarterly electricity generation forecast
- 9.2: Global electricity market's quarterly forecast by region
 - 9.2.1: Quarterly forecast of North America's electricity market
 - 9.2.1.1: North America's quarterly installations forecast by source
 - 9.2.1.2: North America's quarterly installations forecast by conventional, nuclear, and Renewable sources
 - 9.2.1.3: Share of renewable and non-renewable sources in North America's Quarterly installations
 - 9.2.1.4: North America's quarterly electricity generation forecast
 - 9.2.2.: Quarterly forecast of the European electricity market
 - 9.2.2.1: Europe's quarterly installations forecast by source
 - 9.2.2.2: Europe's quarterly installations forecast by conventional, nuclear, and renewable sources
 - 9.2.2.3: Share of renewable and non-renewable sources in Europe's quarterly installations
 - 9.2.2.4: Europe's quarterly electricity generation forecast

9.2.3.: Quarterly forecast of Asia Pacific's electricity market

9.2.3.1: Asia Pacific's quarterly installations forecast by source

9.2.3.2: Asia Pacific's quarterly installations forecast by conventional, nuclear, and renewable sources

9.2.3.3: Share of Renewable and non-renewable sources in Asia Pacific's quarterly installations

9.2.3.4: Asia Pacific's quarterly electricity generation forecast

9.2.4.: Quarterly forecast of Rest of the World's electricity market

9.2.4.1: Rest of the World's quarterly installations forecast by source

9.2.4.2: Rest of the World's quarterly installations forecast by conventional, nuclear, and renewable Sources

9.2.4.3: Share of renewable and non-renewable sources in Rest of the World's quarterly installations

9.2.4.4: Rest of the World's quarterly electricity generation forecast

10. EMERGING TRENDS

10.1: Change in government policies

10.2: Increasing investments in renewable energy development

10.3: New technology Introduction

10.4: Research and development

10.5: Transmission development gaining traction

10.6: Change in raw material prices

I would like to order

Product name: Quarterly Trend and Forecast of Global Electricity Market Q1-08 to Q4-12, July 2012

Product link: <https://marketpublishers.com/r/QA18044297BEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/QA18044297BEN.html>