

US Power - Market Analysis and Forecast till 2030

<https://marketpublishers.com/r/U3BFDC8385BEN.html>

Date: November 2014

Pages: 120

Price: US\$ 1,995.00 (Single User License)

ID: U3BFDC8385BEN

Abstracts

Please note: extra shipping charges are applied when purchasing Hard Copy License depending on the location.

The Future of the US Power Market – Economy, Power Outlook, Capacity, Consumption, Levelized Cost of Energy, Investment Opportunities, Regulations and Company Profiles and Forecasts to 2030 published by Techsila.

Synopsis

The report provides detailed analysis on the US by Power sector. The report examines the overall economy of the country, estimates the power consumption, and analyzes the different power technologies and also forecasts their growth for next fifteen years.

This report offers detailed analysis of US Power market with capacity forecasts covering the next fifteen years. This report will also analyze factors that influence demand for the industry, key market trends, and challenges faced by industry participants. In particular, it provides an in-depth analysis of the following US Power market size and drivers: detailed analysis of the US Power market during 2014-2030, including highlights of the demand drivers and growth stimulators for the market. It also provides a snapshot of the country's economy and power outlook.

The report highlights installed capacity trends from 2001 to 2030 in US Power market. The research provides data related to investments and levelized cost of energy (LCOE) for Power in US during 2013–2030.

The research also provides company snapshots of some of the major market participants. The report is built using data and information sourced from proprietary databases, secondary research and in-house analysis by team of industry experts.

The report analyzes the power market scenario in US (includes thermal, hydro and renewable energy sources) and provides future outlook with forecasts up to 2030.

The research provide details economy and renewable power market outlook in the country (includes wind, small hydro, biopower and solar PV) and provides forecasts up to 2030.

Reasons To Buy

Understand the industry dynamics, growth trends and key challenges to assist in decision making

Identify business opportunity across the value-chain with information on product prices, and opportunity analysis

Benchmark various industry participants present and identify performers, laggards and emerging players

Use the data and analysis to develop business plan, formulate strategies, analyze companies and benchmark countries for investment

Leverage the data and insights to save time on your research project while doing so economically. This will help you in spending time in adding additional values.

Contents

1. TABLE OF CONTENTS

- 1.1. Table of Contents
- 1.2. List of Tables
- 1.3. List of Figures

2. US ECONOMY

- 2.1. US Economy Overview
- 2.2. US, GDP at Real Prices and % Change, \$Billion, 2001-2030
- 2.3. US, Inflation, %, 2003-18
- 2.4. US, Unemployment Rate, %, 2003-18
- 2.5. US, Population and % Change, Million, 2001-2030
- 2.6. US, Government Total Expenditure, \$Billion, 2003-2018
- 2.7. US, Government Net Debt as % of GDP, %, 2003-2018
- 2.8. US, AtKearney FDI Confidence Index, Rank, 2013-2014
- 2.9. US, Ease of Doing Business - World Bank Index, 2013-14

3. US POWER MARKET

- 3.1. US Power Market Overview
- 3.2. US, Net Power Consumption and T&D Loss %, 2001-2030
- 3.3. US, Imports, Exports and Net Imports, GWh, 2001-2030
- 3.4. US Power Consumption Sensitivity Analysis, 2030
- 3.5. US, Power Market Growth, MW, 2001-2030
- 3.6. US, Power Market Share, %, 2013 and 2030 Scenarios
- 3.7. US, Power Capacity Net Additions Breakup, MW, 2013-2030
- 3.8. US Power Analysis Matrix, %, 2013-2030
- 3.9. US Power Investments Breakup, \$Million, 2013-2030
- 3.10. US Power LCOE, (\$/MWh), 2013-2030
- 3.11. US Electricity Average Retail Price, Cents per Kilowatthours
- 3.12. US Energy Savings, Thousand MWh
- 3.13. US Revenue from Retail Sales of Electricity, %, 2004, 2013

4. US RENEWABLE POWER MARKET

- 4.1. US Renewable Power Market Overview

- 4.2. US, Renewable Market Growth, MW, 2001-2030
- 4.3. US, Renewable Market Share, %, 2013 and 2030 Scenarios
- 4.4. US, Renewable Capacity Net Additions Breakup, MW, 2013-2030
- 4.5. US Renewable Analysis Matrix, %, 2013-2030
- 4.6. US Renewable Investments, \$Million, 2013-2030
- 4.7. US Renewable Technologies LCOE Breakup, (\$/MWh), 2013-2030

5. US THERMAL POWER MARKET

- 5.1. US Thermal Power Market Overview
- 5.2. US, Thermal Market Growth, MW, 2001-2030
- 5.3. US, Thermal Market Share, %, 2013 and 2030 Scenarios
- 5.4. US, Thermal Capacity Net Additions Breakup, MW, 2013-2030
- 5.5. US Thermal Analysis Matrix, %, 2013-2030

6. US HYDRO POWER MARKET

- 6.1. US Hydro Power Market Overview
- 6.2. US, Hydro Market Growth, MW, 2001-2030
- 6.3. US, Hydro Market Share, %, 2013 and 2030 Scenarios
- 6.4. US, Hydro Capacity Net Additions Breakup, MW, 2013-2030
- 6.5. US Hydro Analysis Matrix, %, 2013-2030

7. US COAL POWER MARKET

- 7.1. US Coal Power Market Overview
- 7.2. US Coal Power Market, Cumulative Installed Coal Capacity, MW, 2001-2030
- 7.3. US Coal Investments, \$Million, 2013-2030
- 7.4. US Coal LCOE, (\$/MWh), 2013-2030
- 7.5. US Coal Opportunities, \$Million

8. US OIL POWER MARKET

- 8.1. US Oil Power Market Overview
- 8.2. US Oil Power Market, Cumulative Installed Oil Capacity, MW, 2001-2030

9. US GAS POWER MARKET

- 9.1. US Gas Power Market Overview

- 9.2. US Gas Power Market, Cumulative Installed Gas Capacity, MW, 2001-2030
- 9.3. US Gas Investments, \$Million, 2013-2030
- 9.4. US Gas LCOE, (\$/MWh), 2013-2030
- 9.5. US Gas Opportunities, \$Million

10. THERMAL POWER MARKET, US, COMPANY PROFILES

11. US CONVENTIONAL HYDRO POWER MARKET

- 11.1. US Conventional Hydro Power Market Overview
- 11.2. US Conventional Hydro Power Market, Cumulative Installed Conventional Hydro Capacity, MW, 2001-2030
- 11.3. US Conventional Hydro Investments, \$Million, 2013-2030
- 11.4. US Conventional Hydro LCOE, (\$/MWh), 2013-2030
- 11.5. US Conventional Hydro Opportunities, \$Million

12. US PUMP STORAGE POWER MARKET

- 12.1. US Pump Storage Power Market Overview
- 12.2. US Pump Storage Power Market, Cumulative Installed Pump Storage Capacity, MW, 2001-2030

13. HYDRO POWER MARKET, US, COMPANY PROFILES

14. US WIND POWER MARKET

- 14.1. US Wind Power Market Overview
- 14.2. US Wind Power Market, Cumulative Installed Total Wind Capacity, MW, 2001-2030
- 14.3. US Wind Investments, \$Million, 2013-2030
- 14.4. US Wind LCOE, (\$/MWh), 2013-2030
- 14.5. US Wind Opportunities, \$Million
- 14.6. Wind Market, US, Import and Export of Wind Turbines, \$Million, 2009–2013
- 14.7. Wind Market, US, Top 5 Importer and Exporter of Wind Turbines, %, 2013

15. WIND POWER MARKET, US, COMPANY PROFILES

16. US SOLAR THERMAL POWER MARKET

- 16.1. US Solar Thermal Power Market Overview
- 16.2. US Solar Thermal Power Market, Cumulative Installed Solar Thermal Capacity, MW, 2001-2030
- 16.3. US Solar Thermal Investments, \$Million, 2013-2030
- 16.4. US Solar Thermal LCOE, (\$/MWh), 2013-2030
- 16.5. US Solar Thermal Opportunities, \$Million

17. SOLAR THERMAL POWER MARKET, US, COMPANY PROFILES

18. US GEOTHERMAL POWER MARKET

- 18.1. US Geothermal Power Market Overview
- 18.2. Geothermal Resources, US
- 18.3. US Geothermal Power Market, Cumulative Installed Geothermal Capacity, MW, 2001-2030
- 18.4. US Geothermal Investments, \$Million, 2013-2030
- 18.5. US Geothermal LCOE, (\$/MWh), 2013-2030
- 18.6. US Geothermal Opportunities, \$Million
- 18.7. US Geothermal projects by Phase of Development
- 18.8. Upcoming Geothermal Power Plants, US
- 18.9. Project Cost and Other Details of Recent Geothermal Plants, US

19. US GEOTHERMAL REGULATIONS

20. GEOTHERMAL POWER MARKET, US, COMPANY PROFILES

- 20.1. Company Snapshot: Ormat Technologies Inc.
 - 20.1.1. Company Overview
 - 20.1.2. Management Team
 - 20.1.3. Operational and Financial Overview
- 20.2. Company Snapshot: US Geothermal Inc.
 - 20.2.1. US Geothermal Inc., Company Overview
 - 20.2.2. US Geothermal Inc., Key People
 - 20.2.3. US Geothermal Inc., Operational and Financial Overview
- 20.3. Company Snapshot: Enel Green Power S.p.A.
 - 20.3.1. Enel Green Power S.p.A., Company Overview
 - 20.3.2. Enel Green Power S.p.A., Key People
 - 20.3.3. Enel Green Power S.p.A., Operational and Financial Overview

21. US NUCLEAR POWER MARKET

- 21.1. US Nuclear Power Market Overview
- 21.2. US Nuclear Power Market, Cumulative Installed Nuclear Capacity, MW, 2001-2030
- 21.3. US Nuclear Investments, \$Million, 2013-2030
- 21.4. US Nuclear LCOE, (\$/MWh), 2013-2030
- 21.5. US Nuclear Opportunities, \$Million

22. NUCLEAR POWER MARKET, US, COMPANY PROFILES

23. US SOLAR PV POWER MARKET

- 23.1. US Solar PV Power Market Overview
- 23.2. US Solar PV Power Market, Cumulative Installed Solar PV Capacity, MW, 2001-2030
- 23.3. US Solar PV Investments, \$Million, 2013-2030
- 23.4. US Solar PV LCOE, (\$/MWh), 2013-2030
- 23.5. US Solar PV Opportunities, \$Million
- 23.6. Solar PV Market, US, Import and Export of Solar Modules, \$Million, 2009–2013
- 23.7. Solar PV Market, US, Top 5 Importer and Exporter of Solar Modules, %, 2013

24. SOLAR PV POWER MARKET, US, COMPANY PROFILES

25. US BIOPOWER POWER MARKET

- 25.1. US Biopower Power Market Overview
- 25.2. US Biopower Power Market, Cumulative Installed Biopower Capacity, MW, 2001-2030
- 25.3. US Biopower Investments, \$Million, 2013-2030
- 25.4. US Biopower LCOE, (\$/MWh), 2013-2030
- 25.5. US Biopower Opportunities, \$Million

26. BIOPOWER POWER MARKET, US, COMPANY PROFILES

27. APPENDIX

- 27.1. Market Definitions
- 27.2. Methodology

- 27.3. Secondary Research
- 27.4. Primary Research
- 27.5. Modeling and Forecasting
- 27.6. Market Estimates and Assumptions
- 27.7. LCOE Calculation
- 27.8. Investments
- 27.9. Contacts
- 27.10. Disclaimer

List Of Tables

LIST OF TABLES

- Table 1: US, Ease of Doing Business - World Bank Index, 2013-14
- Table 2: Upcoming Geothermal Power Plants, US
- Table 3: Project Cost and Other Details of Recent Geothermal Plants
- Table 4: Ormat Technologies, Key People
- Table 5: US Geothermal Inc, Key People
- Table 6: Enel Green Power S.p.A., Key People
- Table 7: US, GDP at Real Prices and % Change, \$Billion, 2001-2030
- Table 8: US, Inflation, %, 2003-18
- Table 9: US, Unemployment Rate, %, 2003-18
- Table 10: US, Population and % Change, Million, 2001-2030
- Table 11: US, Government Total Expenditure, \$Billion, 2003-2018
- Table 12: US Net Power Consumption, GWh, 2001-2030
- Table 13: US, Imports, Exports and Net Imports, GWh, 2001-2030
- Table 14: US, Power Market Growth, MW, 2001-2030
- Table 15: US Power Investments Breakup, \$Million, 2013-2030
- Table 16: US Power LCOE, (\$/MWh), 2013-2030
- Table 17: US, Renewable Market Growth, MW, 2001-2030
- Table 18: US Renewable Investments, \$Million, 2013-2030
- Table 19: US Renewable Technologies LCOE Breakup, (\$/MWh), 2013-2030
- Table 20: US Wind Power Market, Cumulative Installed Total Wind Capacity, MW, 2001-2030
- Table 21: US Wind Investments, \$Million, 2013-2030
- Table 22: US Wind LCOE, (\$/MWh), 2013-2030
- Table 23: US Hydro Power Market, Cumulative Installed Total Hydro Capacity, MW, 2001-2030
- Table 24: US Hydro Investments, \$Million, 2013-2030
- Table 25: US Hydro LCOE, (\$/MWh), 2013-2030
- Table 26: US Thermal Power Market, Cumulative Installed Total Thermal Capacity, MW, 2001-2030
- Table 27: US Thermal Investments, \$Million, 2013-2030
- Table 28: US Thermal, LCOE, (\$/MWh), 2013-2030
- Table 29: US Biopower Power Market, Cumulative Installed Total Biopower Capacity, MW, 2001-2030
- Table 30: US Biopower Investments, \$Million, 2013-2030
- Table 31: US Biopower LCOE, (\$/MWh), 2013-2030

Table 32: US Solar Thermal Power Market, Cumulative Installed Total Solar Thermal Capacity, MW, 2001-2030

Table 33: US Solar Thermal Investments, \$Million, 2013-2030

Table 34: US Solar Thermal LCOE, (\$/MWh), 2013-2030

Table 35: US Geothermal Power Market, Cumulative Installed Total Geothermal Capacity, MW, 2001-2030

Table 36: US Geothermal Investments, \$Million, 2013-2030

Table 37: US Geothermal LCOE, (\$/MWh), 2013-2030

Table 38: US Nuclear Power Market, Cumulative Installed Total Nuclear Capacity, MW, 2001-2030

Table 39: US Nuclear Investments, \$Million, 2013-2030

Table 40: US Nuclear LCOE, (\$/MWh), 2013-2030

Table 41: US Solar PV Power Market, Cumulative Installed Solar PV Capacity, MW, 2001-2030

Table 42: US Solar PV Investments, \$Million, 2013-2030

Table 43: US Solar PV LCOE, (\$/MWh), 2013-2030

Table 44: US Coal Power Market, Cumulative Installed Coal Capacity, MW, 2001-2030

Table 45: US Coal Investments, \$Million, 2013-2030

Table 46: US Coal LCOE, (\$/MWh), 2013-2030

Table 47: US Oil Power Market, Cumulative Installed Oil Capacity, MW, 2001-2030

Table 48: US Gas Power Market, Cumulative Installed Gas Capacity, MW, 2001-2030

Table 49: US Gas Investments, \$Million, 2013-2030

Table 50: US Gas LCOE, (\$/MWh), 2013-2030

Table 51: US Conventional Hydro Power Market, Cumulative Installed Conventional Hydro Capacity, MW, 2001-2030

Table 52: US Conventional Hydro Investments, \$Million, 2013-2030

Table 53: US Conventional Hydro LCOE, (\$/MWh), 2013-2030

Table 54: US Pump Storage Hydro Power Market, Cumulative Installed Pump Storage Hydro Capacity, MW, 2001-2030

Table 55: US Pump Storage Hydro Investments, \$Million, 2013-2030

Table 56: US Pump Storage Hydro LCOE, (\$/MWh), 2013-2030

Table 57: US Solar Thermal Power Market, Cumulative Installed Solar Thermal Capacity, MW, 2001-2030

Table 58: US Solar Thermal Investments, \$Million, 2013-2030

Table 59: US Solar Thermal LCOE, (\$/MWh), 2013-2030

Table 60: US Geothermal Power Market, Cumulative Installed Geothermal Capacity, MW, 2001-2030

Table 61: US Geothermal Investments, \$Million, 2013-2030

Table 62: US Geothermal LCOE, (\$/MWh), 2013-2030

List Of Figures

LIST OF FIGURES

- Figure 1: US, GDP at Real Prices and % Change, \$Billion, 2001-2030
- Figure 2: US, Inflation, %, 2003-18
- Figure 3: US, Unemployment Rate, %, 2003-18
- Figure 4: US, Population and % Change, Million, 2001-2030
- Figure 5: US, Government Total Expenditure, \$Billion, 2003-2018
- Figure 6: US, Government Net Debt as % of GDP, %, 2003-2018
- Figure 7: US, AtKearney FDI Confidence Index, Rank, 2013-2014
- Figure 8: US, Net Power Consumption and T&D Loss %, 2001-2030
- Figure 9: US, Imports, Exports and Net Imports, GWh, 2001-2030
- Figure 10: US Power Consumption Sensitivity Analysis, 2030
- Figure 11: US, Power Market Growth, MW, 2001-2030
- Figure 12: US, Power Market Share, %, 2013 and 2030 Scenarios
- Figure 13: US, Power Capacity Net Additions Breakup, MW, 2013-2030
- Figure 14: US Power Analysis Matrix, %, 2013-2030
- Figure 15: US Power Investments Breakup, \$Million, 2013-2030
- Figure 16: US Power LCOE, (\$/MWh), 2013-2030
- Figure 17: US Electricity Average Retail Price, Cents per Kilowatthours
- Figure 18: US Energy Savings, Thousand MWh
- Figure 19: US Revenue from Retail Sales of Electricity, %, 2004, 2013
- Figure 20: US, Renewable Market Growth, MW, 2001-2030
- Figure 21: US, Renewable Market Share, %, 2013 and 2030 Scenarios
- Figure 22: US, Renewable Capacity Net Additions Breakup, MW, 2013-2030
- Figure 23: US Renewable Analysis Matrix, %, 2013-2030
- Figure 24: US Renewable Investments, \$Million, 2013-2030
- Figure 25: US Renewable Technologies LCOE Breakup, (\$/MWh), 2013-2030
- Figure 26: US, Thermal Market Growth, MW, 2001-2030
- Figure 27: US, Thermal Market Share, %, 2013 and 2030 Scenarios
- Figure 28: US, Thermal Capacity Net Additions Breakup, MW, 2013-2030
- Figure 29: US Thermal Analysis Matrix, %, 2013-2030
- Figure 30: US, Hydro Market Growth, MW, 2001-2030
- Figure 31: US, Hydro Market Share, %, 2013 and 2030 Scenarios
- Figure 32: US, Hydro Capacity Net Additions Breakup, MW, 2013-2030
- Figure 33: US Hydro Analysis Matrix, %, 2013-2030
- Figure 34: US Coal Power Market, Cumulative Installed Coal Capacity, MW, 2001-2030
- Figure 35: US Coal Investments, \$Million, 2013-2030

- Figure 36: US Coal LCOE, (\$/MWh), 2013-2030
- Figure 37: US Coal Opportunities, \$Million
- Figure 38: US Oil Power Market, Cumulative Installed Oil Capacity, MW, 2001-2030
- Figure 39: US Gas Power Market, Cumulative Installed Gas Capacity, MW, 2001-2030
- Figure 40: US Gas Investments, \$Million, 2013-2030
- Figure 41: US Gas LCOE, (\$/MWh), 2013-2030
- Figure 42: US Gas Opportunities, \$Million
- Figure 43: US Large Hydro Power Market, Cumulative Installed Large Hydro Capacity, MW, 2001-2030
- Figure 44: US Conventional Hydro Investments, \$Million, 2013-2030
- Figure 45: US Conventional Hydro LCOE, (\$/MWh), 2013-2030
- Figure 46: US Conventional Hydro Opportunities, \$Million
- Figure 47: US Pump Storage Power Market, Cumulative Installed Pump Storage Capacity, MW, 2001-2030
- Figure 48: US Wind Power Market, Cumulative Installed Total Wind Capacity, MW, 2001-2030
- Figure 49: US Wind Investments, \$Million, 2013-2030
- Figure 50: US Wind LCOE, (\$/MWh), 2013-2030
- Figure 51: US Wind Opportunities, \$Million
- Figure 52: Wind Market, US, Import and Export of Wind Turbines, \$Million, 2009–2013
- Figure 53: Wind Market, US, Top 5 Importer and Exporter of Wind Turbines, %, 2013
- Figure 54: US Solar Thermal Power Market, Cumulative Installed Solar Thermal Capacity, MW, 2001-2030
- Figure 55: US Solar Thermal Investments, \$Million, 2013-2030
- Figure 56: US Solar Thermal LCOE, (\$/MWh), 2013-2030
- Figure 57: US Solar Thermal Opportunities, \$Million
- Figure 58: Geothermal Resources, US
- Figure 59: US Geothermal Power Market, Cumulative Installed Geothermal Capacity, MW, 2001-2030
- Figure 60: US Geothermal Investments, \$Million, 2013-2030
- Figure 61: US Geothermal LCOE, (\$/MWh), 2013-2030
- Figure 62: US Geothermal Opportunities, \$Million
- Figure 63: US Geothermal projects by Phase of Development
- Figure 64: Project Cost and Other Details of Recent Geothermal Plants
- Figure 65: Ormat Technologies Inc., Key Financial Performance
- Figure 66: US Geothermal Inc., Key Financial Performance
- Figure 67: Enel Green Power S.p.A., Key Financial Performance
- Figure 68: US Nuclear Power Market, Cumulative Installed Nuclear Capacity, MW, 2001-2030

Figure 69: US Nuclear Investments, \$Million, 2013-2030

Figure 70: US Nuclear LCOE, (\$/MWh), 2013-2030

Figure 71: US Nuclear Opportunities, \$Million

Figure 72: US Solar PV Power Market, Cumulative Installed Solar PV Capacity, MW, 2001-2030

Figure 73: US Solar PV Investments, \$Million, 2013-2030

Figure 74: US Solar PV LCOE, (\$/MWh), 2013-2030

Figure 75: US Solar PV Opportunities, \$Million

Figure 76: Solar PV Market, US, Import and Export of Solar Modules, \$Million, 2009–2013

Figure 77: Solar PV Market, US, Top 5 Importer and Exporter of Solar Modules, %, 2013

Figure 78: US Biopower Power Market, Cumulative Installed Biopower Capacity, MW, 2001-2030

Figure 79: US Biopower Investments, \$Million, 2013-2030

Figure 80: US Biopower LCOE, (\$/MWh), 2013-2030

Figure 81: US Biopower Opportunities, \$Million

I would like to order

Product name: US Power - Market Analysis and Forecast till 2030

Product link: <https://marketpublishers.com/r/U3BFDC8385BEN.html>

Price: US\$ 1,995.00 (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/U3BFDC8385BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970