

Nuclear Power in China, Market Outlook to 2030, Update 2018 - Capacity, Generation, Investment Trends, Regulations and Company Profiles

URL:	https://marketpublishers.com/r/N1DCBC3C9B9EN.html
Date:	April 1, 2018
Pages:	87
Price:	US\$ 2,500.00
ID:	N1DCBC3C9B9EN

Nuclear Power in China, Market Outlook to 2030, Update 2018 - Capacity, Generation, Investment Trends, Regulations and Company Profiles

SUMMARY

'Nuclear Power in China, Market Outlook to 2030, Update 2018 - Capacity, Generation, Investment Trends, Regulations and Company Profiles', is the latest report from GlobalData, the industry analysis specialists that offer comprehensive information and understanding of the nuclear power market in China.

The report provides in depth analysis on global nuclear power market with forecasts up to 2030. The report analyzes the power market scenario in China (includes thermal conventional, nuclear, large hydro, pumped storage and renewables) and provides future outlook with forecasts up to 2030. The research details nuclear power market outlook in the country and provides forecasts up to 2030. The report highlights installed capacity and power generation trends from 2006 to 2030 in China nuclear power market. A detailed coverage of nuclear energy policy framework governing the market with specific policies pertaining to nuclear is provided in the report. The research also provides details of active nuclear reactors in the country, market size of major equipment and company snapshot 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 GlobalData's team of industry experts.

SCOPE

The report analyses global nuclear power market, China power market and China nuclear power market. The scope of the research includes -

- A brief introduction on global carbon emissions and global primary energy consumption.
- Historical period is during 2006-2017 (unless specified) and forecast period is for 2018-2030.
- Overview on the global nuclear power market with installed capacity and generation trends, installed capacity split by region in 2017, installed capacity split by major nuclear power countries in 2017 and investment trends.
- Power market scenario in China provides detailed market overview, installed capacity and power generation trends by various fuel types (includes thermal conventional, nuclear, large hydro and renewables) with forecasts up to 2030.
- Details of China nuclear power market with installed capacity and generation trends, installed capacity by reactor type, installed capacity share by contractor/owner and information on major active and upcoming projects.
- Key policies and regulatory framework supporting nuclear power development.
- Company snapshots of some of the major market participants in the country.

REASONS TO BUY

- The report will enhance your decision making capability in a more rapid and time sensitive manner.
- Identify key growth and investment opportunities in China nuclear power market.
- Facilitate decision-making based on strong historic and forecast data for nuclear power market.
- Position yourself to gain the maximum advantage of the industry's growth potential.
- Identify key partners and business development avenues.
- Understand and respond to your competitors' business structure, strategy and prospects.

Table of Content

1 TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2 EXECUTIVE SUMMARY

- 2.1 Global Carbon Emissions Increased by 2% in 2017
- 2.2 Top 10 Countries Account for Over 85% of Global Nuclear Power Capacity
- 2.3 Thermal Power is the Dominant Power Source in China
- 2.4 Pressurized Water Reactor the Most Prominent Reactor Type in China

3 INTRODUCTION

- 3.1 Carbon Emissions, Global, 2001-2017
- 3.2 Primary Energy Consumption, Global, 2001-2030
- 3.3 Report Guidance

4 NUCLEAR POWER MARKET, GLOBAL, 2006-2030

- 4.1 Nuclear Power Market, Global, Overview
- 4.2 Nuclear Power Market, Global, Installed Capacity, 2006-2030
 - 4.2.1 Nuclear Power Market, Global, Installed Capacity, by Region, 2006-2030
 - 4.2.2 Nuclear Power Market, Global, Installed Capacity by Country, 2017
 - 4.2.3 Nuclear Power Market, Global, Installed Capacity by Type of Reactor
- 4.3 Nuclear Power Market, Global, Power Generation, 2006-2030
 - 4.3.1 Nuclear Power Market, Global, Generation Share by Region, 2017 and 2030
 - 4.3.2 Nuclear Power Market, Global, Generation Share (%) by Country, 2017 and 2030
- 4.4 Nuclear Market, Global Drivers and Restraints
 - 4.4.1 Nuclear Market, Global, Key Drivers
 - 4.4.2 Nuclear Market, Global, Key Restraints and Challenges
- 4.5 Nuclear Market, Global, Key Trend
 - 4.5.1 Anti-nuclear Public Opinion and Safety Issues Driving Countries Away From Nuclear Power
- 4.6 Nuclear Market, Global, Investment Trends, 2017-2020

5 POWER MARKET, CHINA, 2006-2030

- 5.1 Power Market, China, Overview
- 5.2 Power Market, China, Installed Capacity, 2006-2030
 - 5.2.1 Power Market, China, Cumulative Installed Capacity by Fuel Type, 2006-2030
 - 5.2.2 Power Market, China, Share in Cumulative Installed Capacity Split by Source Type, 2017 and 2030
 - 5.2.3 Power Market, China, Net Capacity Additions by Fuel Type, 2017 and 2030
 - 5.2.4 Power Market, China, Comparison of Technologies Based on Installed Capacity, 2017-2030

5.3 Power Market, China, Power Generation, 2006-2030

5.3.1 Power Market, China, Power Generation by Fuel Type, 2006-2030

5.3.2 Power Market, China, Comparison of Technologies Based on Power Generation, 2017-2030

6 NUCLEAR POWER MARKET, CHINA

6.1 Nuclear Power Market, China, Overview

6.2 Nuclear Power Market, China, Installed Capacity, 2006 - 2030

6.3 Nuclear Power Market, China, Power Generation, 2006 - 2030

6.4 Nuclear Power Market, China, Investment Trends, 2017-2020

6.5 Nuclear Power Market, China, Project Based Analysis, 2017

6.5.1 Nuclear Power Market, China, Top 10 Operational Nuclear Reactor, 2017

6.5.2 Nuclear Power Market, China, Top Active Nuclear Reactor Sites, 2017

6.5.3 Nuclear Power Market, China, Top 10 Upcoming Nuclear Reactors, 2017

6.5.4 Nuclear Power Market, China, Upcoming Projects by Status

6.6 Nuclear Power Market, China, Deal Analysis, 2017

6.6.1 Nuclear Power Market, China, Deal Volume vs. Deal Value, 2006-2017

6.6.2 Nuclear Power Market, China, Split by Deal Type, 2017

7 RENEWABLE ENERGY POLICY FRAMEWORK, CHINA

7.1 Renewable Energy Market, Overview

7.2 Renewable Energy Law

7.2.1 Taxation Measures

7.2.2 Grid Access

7.2.3 Interconnection Standards

7.2.4 Special Fund for Renewable Energy Development

7.2.5 Renewable Energy Law Amendments

7.3 International Science and Technology Co-operation Program for New and Renewable Energy

7.4 Shandong Province Village Renewable Energy Regulations

7.5 The 12th Five-Year Plan

7.6 The 13th Five-Year Plan

7.7 New Carbon Intensity Target

7.8 Renewable Energy Tariff Surcharge Grant Funds Management Approach

7.9 Carbon Tax and Carbon Pricing

7.10 New Renewable Energy Certificate Scheme in 2017

7.11 China's Winter Clean Heating Plan 2017-2021

7.12 Financial Incentives and Policy Support for Solar Power, China

7.12.1 Golden Sun Program

7.12.2 Building Integrated PV Subsidy Program

7.12.3 Distributed PV Power Generation Project

7.12.4 Notice of the National Energy Administration and China Development Bank on Supporting the Financial Services to the Distributed Solar PV Power Generation

7.12.5 Notice on Effect of Price Leverage to Promote Healthy Development of PV Industry

7.12.6 Subsidies for Solar PV in Rural Areas

7.12.7 Research and Development Support for Solar PV

7.12.8 Shandong Province Energy Fund

7.12.9 Shandong Provinces Sunshine Plan

7.12.10 Feed-in Tariff for Solar Projects

7.12.11 Auctions for Solar PV

7.12.12 Auctions for Concentrating Solar Power (CSP)

7.12.13 The Problem of Oversupply and Curtailment of Solar Capacity in China

7.13 Financial Incentives and Policy Support for Wind, China

7.13.1 Feed-in Tariffs for Wind Power

7.13.2 Low Interest Rate Loans

- 7.13.3 Value Added Tax and Import Tariff Rebate on Key Wind Turbine Components
- 7.13.4 Market Entry Standards for Wind Equipment Manufacturers
- 7.13.5 Interim Measure on the Management of Offshore Wind Farms
- 7.13.6 Offshore Wind Development Plan
- 7.13.7 Special Fund for the Industrialization of Wind Power Equipment
- 7.13.8 Notice on Integrating and Accommodating Wind Power
- 7.13.9 Hainan Province Plan for the Construction of Wind Farms
- 7.13.10 Onshore Wind Power Auctions
- 7.13.11 Offshore Wind Power Auctions
- 7.14 Financial Incentives and Policy Support for Hydropower, China
 - 7.14.1 Preferential Value Added Tax for Small Hydropower
 - 7.14.2 Rural Electrification Policies Favoring Small Hydro Installation
 - 7.14.3 Key Policy Updates for Small Hydropower in the 13th Five-Year Plan
- 7.15 Financial Incentives and Policy Support for Bioenergy, China
 - 7.15.1 Feed-in Tariffs for Biomass
 - 7.15.2 Support for Biogas Projects
 - 7.15.3 Biogas Subsidy to cut Farm Waste
 - 7.15.4 Financial Incentives for Ethanol
 - 7.15.5 Non-food Biomass Feedstock Standardization Technical Committee
 - 7.15.6 Bioenergy Boost as part of 13th Five-year Plan
- 7.16 Financial Incentives and Policy Support for Energy Efficiency, China
 - 7.16.1 Shandong Province Energy Fund
 - 7.16.2 Energy Saving and New Energy Automotive Industry Development Plan 2012-2020
 - 7.16.3 National Building Energy Standard

8 NUCLEAR POWER MARKET, CHINA, COMPANY PROFILES

- 8.1 Company Snapshot: Nuclear Power Qinshan Joint Venture Company Limited
 - 8.1.1 Nuclear Power Qinshan Joint Venture Company Limited - Company Overview
 - 8.1.2 Nuclear Power Qinshan Joint Venture Company Limited - Head Office
- 8.2 Company Snapshot: China National Nuclear Corporation
 - 8.2.1 China National Nuclear Corporation - Company Overview
 - 8.2.2 China National Nuclear Corporation - Major Products and Services
 - 8.2.3 China National Nuclear Corporation - Head Office
- 8.3 Company Snapshot: China Guodian Corporation
 - 8.3.1 China Guodian Corporation - Company Overview
 - 8.3.2 China Guodian Corporation - Business Description
 - 8.3.3 China Guodian Corporation - SWOT Analysis
 - 8.3.4 China Guodian Corporation - Major Products and Services
 - 8.3.5 China Guodian Corporation - Head Office
- 8.4 Company Snapshot: China General Nuclear Power Corporation
 - 8.4.1 China General Nuclear Power Corporation - Company Overview
 - 8.4.2 China General Nuclear Power Corporation - Major Products and Services
 - 8.4.3 China General Nuclear Power Corporation - Head Office

9 APPENDIX

- 9.1 Abbreviations
- 9.2 Bibliography
- 9.3 Market Definitions
- 9.4 Methodology
- 9.5 Coverage
 - 9.5.1 Secondary Research
 - 9.5.2 Primary Research
 - 9.5.3 Modeling and Forecasting

9.6 Contact Us

9.7 Disclaimer

LIST OF TABLES

Table 1: Nuclear Power Market, Global, Installed Capacity (MW), 2006-2030
 Table 2: Power Market, China, Cumulative Installed Capacity by Fuel Type(MW), 2006-2030
 Table 3: Power Market, China, Cumulative Installed Capacity Split by Source Type (%), 2017 and 2030
 Table 4: Power Market, China, Net Capacity Additions by Fuel Type(MW), 2017 and 2030
 Table 5: Power Market, China, Comparison of Technologies Based on Installed Capacity, 2017-2030
 Table 6: Power Market, China, Power Generation by Fuel Type (GWh), 2006-2030
 Table 7: Power Market, China, Comparison of Technologies Based on Power Generation, 2017-2030
 Table 8: Nuclear Power Market, China, Installed Capacity (MW), 2006 - 2030
 Table 9: Nuclear Power Market, China, Power Generation (GWh), 2006 - 2030
 Table 10: Nuclear Power Market, China, New Investment (\$m), 2017-2020
 Table 11: Nuclear Power Market, China, Top 10 Operational Nuclear Reactor, 2017
 Table 12: Nuclear Power Market, China, Top Active Nuclear Reactor Sites, 2017
 Table 13: Nuclear Power Market, China, Top 10 Upcoming Nuclear Reactors, 2017
 Table 14: Nuclear Power Market, China, Upcoming Projects by Status (%), 2017
 Table 15: Nuclear Power Market, China, Deal Volume vs. Deal Value (\$m), 2006-2017
 Table 16: Nuclear Power Market, China, Deals by Type, 2017
 Table 17: Renewable Energy Law, China, Major Regulations
 Table 18: Renewable Energy Law, China, Renewable Portfolio Standards by Province (%), 2020
 Table 19: Key Provinces for Construction of solar PV projects in 13th Five-Year Plan (MW), China, 2020
 Table 20: Feed-in Tariffs for Solar Power (CNY/kWh and \$/kWh), China, 2016-2017
 Table 21: Feed-in Tariffs for Solar Power (CNY/kWh and \$/kWh), China, 2018
 Table 22: Feed-in Tariffs for Onshore Wind Power by Region (CNY/kWh and \$/kWh), Renewable Energy Market, China, 2015-2018
 Table 23: Wind Power Feed in Tariffs, CNY/kWh (tax included), Renewable Energy Market, China, 2016-2018
 Table 24: Feed-in Tariffs for Offshore Wind Power by Region (CNY/kWh and \$/kWh), Renewable Energy Market, China, 2016-2018
 Table 25: China National Nuclear Corporation, Major Products and Services
 Table 26: China Guodian Corporation, Major Products and Services
 Table 27: China General Nuclear Power Corporation, Major Products and Services
 Table 28: Abbreviations

LIST OF FIGURES

Figure 1: Nuclear Power Market, Global, Installed Capacity by Country, 2017
 Figure 2: Nuclear Power Market, China, Nuclear Power Portfolio Installed Cumulative Capacity, (MW), 2017
 Figure 3: Carbon-di-oxide Emissions from Energy Consumption, Global (MT), 2001-2017
 Figure 4: Primary Energy Consumption, Global (Mtoe), 2001-2030
 Figure 5: Nuclear Power Market, Global, Installed Capacity (MW), 2006-2030
 Figure 6: Nuclear Power Market, Global, Cumulative Installed Capacity (GW), by Region, 2006 -2030
 Figure 7: Nuclear Power Market, Global, Installed Capacity by Country, 2017
 Figure 8: Nuclear Power Market, Global, Total Number of Reactors Installed and Cumulative Installed Capacity by Reactor Type (%)
 Figure 9: Nuclear Power Market, Global, Power Generation (TWh), 2006-2030
 Figure 10: Nuclear Power Market, Global, Generation Share by Region (%), 2017 and 2030
 Figure 11: Nuclear Power Market, Global, Generation Share by Country (%), 2017 and 2030
 Figure 12: Nuclear Market, Global, Power Consumption (TWh), 2006-2030
 Figure 13: Nuclear Market, Global, GHG Emissions Share(%) by Country, 2017
 Figure 14: Nuclear Market, Global, Investment Trends, 2017-2020

- Figure 15: Power Market, China, Cumulative Installed Capacity by Fuel Type(MW), 2006-2030
Figure 16: Power Market, China, Cumulative Installed Capacity Split by Source Type (%), 2017 and 2030
Figure 17: Power Market, China, Net Capacity Additions by Fuel Type(MW), 2017 and 2030
Figure 18: Power Market, China, Comparison of Technologies Based on Installed Capacity, 2017-2030
Figure 19: Power Market, China, Power Generation by Fuel Type (GWh), 2006-2030
Figure 20: Power Market, China, Comparison of Technologies Based on Power Generation, 2017-2030
Figure 21: Nuclear Power Market, Asia-Pacific, Installed Capacity Share (%), 2017
Figure 22: Nuclear Power Market, China, Installed Capacity (MW), 2006 - 2030
Figure 23: Nuclear Power Market, China, Power Generation (GWh), 2006 - 2030
Figure 24: Nuclear Power Market, China, New Investment (\$m), 2017-2020
Figure 25: Nuclear Power Market, China, Top Active Nuclear Reactor Sites, 2017
Figure 26: Nuclear Power Market, China, Upcoming Projects by Status (%), 2017
Figure 27: Nuclear Power Market, China, Deal Volume vs. Deal Value (\$m), 2006-2017
Figure 28: Nuclear Power Market, China, Split by Deal Type (%), 2017

COMPANIES MENTIONED

Nuclear Power Qinshan Joint Venture Company Limited
China National Nuclear Corporation
China Guodian Corporation
China General Nuclear Power Corporation

I would like to order:

Product name: Nuclear Power in China, Market Outlook to 2030, Update 2018 - Capacity, Generation, Investment Trends, Regulations and Company Profiles
Product link: <https://marketpublishers.com/r/N1DCBC3C9B9EN.html>
Product ID: N1DCBC3C9B9EN
Price: US\$ 2,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service: office@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click 'BUY NOW' button on product page <https://marketpublishers.com/r/N1DCBC3C9B9EN.html>

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

First name:
Last name:
E-mail:
Company:
Address:
City:
Zip/Post Code:
Country:
Tel:
Fax:
Your message:

* All fields are required

Customer Signature _____

Please, note that by ordering from MarketPublisher.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms_conditions.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**