

# **North America Nuclear Reactor Construction Market 2020-2027 by Offering (Equipment, Installation Service), Reactor Type (PWR, BWR, PHWR, HTGCR, LMFBF), Construction Type (New Construction, Reactor Upgrade), and Country: Trend Outlook and Growth Opportunity**

<https://marketpublishers.com/r/N67D80B966F6EN.html>

Date: May 2021

Pages: 85

Price: US\$ 2,720.00 (Single User License)

ID: N67D80B966F6EN

## **Abstracts**

North America nuclear reactor construction market is expected to grow by 2.7% annually in the forecast period and reach \$6,072.0 million by 2027 driven by technological advancement and growing need to replace fossil fuels with renewable energy sources.

Highlighted with 21 tables and 36 figures, this 85-page report “North America Nuclear Reactor Construction Market 2020-2027 by Offering (Equipment, Installation Service), Reactor Type (PWR, BWR, PHWR, HTGCR, LMFBF), Construction Type (New Construction, Reactor Upgrade), and Country: Trend Outlook and Growth Opportunity” is based on a comprehensive research of the entire North America nuclear reactor construction market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate/forecast from 2020 till 2027 with 2019 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Five Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify North America nuclear reactor construction market in every aspect of the classification from perspectives of Offering, Reactor Type, Construction Type, and Country.

Based on Offering, the North America market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Equipment

Installation Service

Based on Reactor Type, the North America market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Pressurized Water Reactor (PWR)

Boiling Water Reactor (BWR)

Pressurized Heavy Water Reactor (PHWR)

High-temperature Gas Cooled Reactor (HTGCR)

Liquid Metal Fast Breeder Reactor (LMFBR)

Based on Construction Type, the North America market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

New Construction

Reactor Upgrade

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue are available for 2017-2027. The breakdown of key national markets by Offering, Reactor Type, and Construction Type over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Key Players (this may not be a complete list and extra companies can be added upon request):

Areva SA

Bilfinger SE

China National Nuclear Corporation

Dongfang Electric Corporation Limited

Doosan Heavy Industries & Construction Co. Ltd.

GE-Hitachi Nuclear Energy Inc.

KEPCO Engineering & Construction

Larsen & Toubro Limited

Mitsubishi Heavy Industries Ltd

Shanghai Electric Group Company Limited

Siemens AG

?KODA JS a.s.

Westinghouse Electric Company LLC (Toshiba)

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

## Contents

### 1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
  - 1.1.1 Industry Definition
  - 1.1.2 Research Scope
- 1.2 Research Methodology
  - 1.2.1 Overview of Market Research Methodology
  - 1.2.2 Market Assumption
  - 1.2.3 Secondary Data
  - 1.2.4 Primary Data
  - 1.2.5 Data Filtration and Model Design
  - 1.2.6 Market Size/Share Estimation
  - 1.2.7 Research Limitations
- 1.3 Executive Summary

### 2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
  - 2.1.1 Impact of COVID-19 on World Economy
  - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Five Forces Analysis

### 3 SEGMENTATION OF NORTH AMERICA MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Equipment
- 3.3 Installation Service

### 4 SEGMENTATION OF NORTH AMERICA MARKET BY REACTOR TYPE

- 4.1 Market Overview by Reactor Type
- 4.2 Pressurized Water Reactor (PWR)
- 4.3 Boiling Water Reactor (BWR)
- 4.4 Pressurized Heavy Water Reactor (PHWR)

4.5 High-temperature Gas Cooled Reactor (HTGCR)

4.6 Liquid Metal Fast Breeder Reactor (LMFBR)

## **5 SEGMENTATION OF NORTH AMERICA MARKET BY CONSTRUCTION TYPE**

5.1 Market Overview by Construction Type

5.2 New Construction

5.3 Reactor Upgrade

## **6 NORTH AMERICA MARKET 2020-2027 BY COUNTRY**

6.1 Overview of North America Market

6.2 U.S.

6.3 Canada

6.4 Mexico

## **7 COMPETITIVE LANDSCAPE**

7.1 Overview of Key Vendors

7.2 New Product Launch, Partnership, Investment, and M&A

7.3 Company Profiles

Areva SA

Bilfinger SE

China National Nuclear Corporation

Dongfang Electric Corporation Limited

Doosan Heavy Industries & Construction Co. Ltd.

GE-Hitachi Nuclear Energy Inc.

KEPCO Engineering & Construction

Larsen & Toubro Limited

Mitsubishi Heavy Industries Ltd

Shanghai Electric Group Company Limited

Siemens AG

?KODA JS a.s.

Westinghouse Electric Company LLC (Toshiba)

Related Reports and Products

## List Of Tables

### LIST OF TABLES

Table 1. Snapshot of North America Nuclear Reactor Construction Market in Balanced Perspective, 2020-2027

Table 2. World Announced Nuclear Plant Construction, 2021-2027

Table 3. Growth Rate of World GDP, 2020-2022

Table 4. Main Product Trends and Market Opportunities in North America Nuclear Reactor Construction Market

Table 5. North America Nuclear Reactor Construction Market by Offering, 2017-2027, \$ mn

Table 6. North America Nuclear Reactor Construction Market by Reactor Type, 2017-2027, \$ mn

Table 7. North America Nuclear Reactor Construction Market by Construction Type, 2017-2027, \$ mn

Table 8. North America Nuclear Reactor Construction Market by Country, 2017-2027, \$ mn

Table 9. U.S. Nuclear Reactor Construction Market by Offering, 2017-2027, \$ mn

Table 10. U.S. Nuclear Reactor Construction Market by Reactor Type, 2017-2027, \$ mn

Table 11. U.S. Nuclear Reactor Construction Market by Construction Type, 2017-2027, \$ mn

Table 12. Canada Nuclear Reactor Construction Market by Offering, 2017-2027, \$ mn

Table 13. Canada Nuclear Reactor Construction Market by Reactor Type, 2017-2027, \$ mn

Table 14. Canada Nuclear Reactor Construction Market by Construction Type, 2017-2027, \$ mn

Table 15. Mexico Nuclear Reactor Construction Market by Offering, 2017-2027, \$ mn

Table 16. Mexico Nuclear Reactor Construction Market by Reactor Type, 2017-2027, \$ mn

Table 17. Mexico Nuclear Reactor Construction Market by Construction Type, 2017-2027, \$ mn

Table 18. Areva SA: Company Snapshot

Table 19. Areva SA: Business Segmentation

Table 20. Areva SA: Product Portfolio

Table 21. Areva SA: Revenue, 2017-2019, \$ mn

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2020-2027

Figure 4. North America Nuclear Reactor Construction Market, 2017-2027, \$ mn

Figure 5. Number of Operable Nuclear Reactors Worldwide, 1970-2020

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of North America Nuclear Reactor Construction Market

Figure 8. Worldwide Nuclear Electricity Production, TWh, 1970-2019

Figure 9. Worldwide Nuclear Generation by Country, TWh, 2019

Figure 10. World Nuclear Electricity Production by Region, 2019, %

Figure 11. Primary Restraints and Impact Factors of North America Nuclear Reactor Construction Market

Figure 12. Investment Opportunity Analysis

Figure 13. Porter's Five Forces Analysis of North America Nuclear Reactor Construction Market

Figure 14. Breakdown of North America Nuclear Reactor Construction Market by Offering, 2020-2027, % of Revenue

Figure 15. Contribution to North America 2021-2027 Cumulative Revenue by Offering, Value (\$ mn) and Share (%)

Figure 16. North America Nuclear Reactor Construction Market: Equipment, 2017-2027, \$ mn

Figure 17. North America Nuclear Reactor Construction Market: Installation Service, 2017-2027, \$ mn

Figure 18. Breakdown of North America Nuclear Reactor Construction Market by Reactor Type, 2020-2027, % of Revenue

Figure 19. Contribution to North America 2021-2027 Cumulative Revenue by Reactor Type, Value (\$ mn) and Share (%)

Figure 20. Number of World Nuclear Reactors by Type, 2019

Figure 21. Number of World Nuclear Reactors under Construction by Type, 2019

Figure 22. North America Nuclear Reactor Construction Market: Pressurized Water Reactor (PWR), 2017-2027, \$ mn

Figure 23. North America Nuclear Reactor Construction Market: Boiling Water Reactor (BWR), 2017-2027, \$ mn



Figure 24. North America Nuclear Reactor Construction Market: Pressurized Heavy Water Reactor (PHWR), 2017-2027, \$ mn

Figure 25. North America Nuclear Reactor Construction Market: High-temperature Gas Cooled Reactor (HTGCR), 2017-2027, \$ mn

Figure 26. North America Nuclear Reactor Construction Market: Liquid Metal Fast Breeder Reactor (LMFBR), 2017-2027, \$ mn

Figure 27. Breakdown of North America Nuclear Reactor Construction Market by Construction Type, 2020-2027, % of Revenue

Figure 28. Contribution to North America 2021-2027 Cumulative Revenue by Construction Type, Value (\$ mn) and Share (%)

Figure 29. North America Nuclear Reactor Construction Market: New Construction, 2017-2027, \$ mn

Figure 30. North America Nuclear Reactor Construction Market: Reactor Upgrade, 2017-2027, \$ mn

Figure 31. Breakdown of North America Nuclear Reactor Construction Market by Country, 2020 and 2027, % of Revenue

Figure 32. Contribution to North America 2021-2027 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 33. U.S. Nuclear Reactor Construction Market, 2017-2027, \$ mn

Figure 34. Canada Nuclear Reactor Construction Market, 2017-2027, \$ mn

Figure 35. Nuclear Reactor Construction Market in Mexico, 2017-2027, \$ mn

Figure 36. Growth Stage of North America Nuclear Reactor Construction Industry over the Forecast Period

## I would like to order

Product name: North America Nuclear Reactor Construction Market 2020-2027 by Offering (Equipment, Installation Service), Reactor Type (PWR, BWR, PHWR, HTGCR, LMFBFR), Construction Type (New Construction, Reactor Upgrade), and Country: Trend Outlook and Growth Opportunity

Product link: <https://marketpublishers.com/r/N67D80B966F6EN.html>

Price: US\$ 2,720.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N67D80B966F6EN.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