Nuclear Power in BRIC Countries 2015-2019

Description: Market outlook of the nuclear power market

Nuclear energy is a reliable power source that can produce uninterrupted, clean energy on a large scale. It is also cheaper compared to fossil fuels as a power source. The increasing power demand in BRIC nations is the key driver for the growth of nuclear power market in these countries. Technavio’s market research analyst expects the nuclear power market grow at a CAGR of 13% during the forecast period. In Russia and China, ships and submarines use nuclear energy as a source of electricity, as they need to be at sea for long durations.

The development of nuclear power market in BRIC countries faces strong public opposition due to the safety concerns associated with the nuclear power plants. Post the 2011 Fukushima disaster in Japan, many countries slowed down their nuclear power development plan. Also, disposal of nuclear waste is another challenge for the growth of this market.

Segmentation by technology and analysis of the nuclear power market

- Pressurized water reactor (PWR)
- Light water graphite reactor (LWGR)
- Pressurized heavy water reactor (PHWR)
- Fast breeder reactor (FBR)
- Boiling water reactor (BWR)

During 2014, PWR technology dominated the market in terms of installed capacity. The research report predicts that by 2019, PWR technology will continue to dominate the nuclear power market in BRIC countries.

Geographical segmentation of the nuclear market in BRIC countries

- Russia
- China
- India
- Brazil

Technavio’s market research analyst expects that by 2019, China would overtake Russia in the nuclear power market. The rising electricity demand and the drive towards a cleaner environment are anticipated to fuel the growth of the Chinese market. The industrial sector in China is the Market drivers for the increased consumption of nuclear energy.

Competitive landscape and key vendors

The nuclear power market in BRIC countries is highly competitive. The market research report predicts that the competitive environment in this market is expected to intensify during the forecast period as a result of technological innovations.

The leading vendors in the market are –

- AREVA
- BHEL
- CNNC
- L&T
- NIAEP-ASE
- Westinghouse

Other vendors in the market include Atomic Energy of Canada, Electrobras Electronuclear, GE Hitachi, Mitsubishi, and Rosatom.
Key questions answered in the report include

- What will the market size and the growth rate be in 2019?
- What are the key factors driving the nuclear power market in BRIC countries?
- What are the key Market trends impacting the growth of the nuclear power market?
- What are the challenges to market growth?
- Who are the key vendors in the nuclear energy market in BRIC countries?
- What are the market opportunities and threats faced by the vendors in the nuclear power market?
- Trending factors influencing the market shares of the Russia, China, India, and Brazil?
- What are the key outcomes of the five forces analysis of the nuclear power market in BRIC countries?

Related reports
Global Nuclear Power Market 2015-2019
Global Nuclear Reactor Construction Market 2015-2019
Nuclear Steam Generator (SG) Market in China 2015-2019
Nuclear Decommissioning Market in Europe 2014-2018

Contents:

PART 01: Executive summary
  Highlights

PART 02: Scope of the report
  Market overview
  Top-vendor offerings

PART 03: Market research methodology
  Research methodology
  Economic indicators

PART 04: Introduction
  Key market highlights

PART 05: Market landscape
  Market overview
  Technology overview
  Market size and forecast
  Market size and forecast by cumulative installed capacity
  Market size and forecast by number of reactors
  Five forces analysis

PART 06: Market segmentation by technology
  Nuclear power in BRIC countries market segmentation by technology 2014-2019

PART 07: Geographical segmentation
  Geographical segmentation of nuclear power market in BRIC countries 2014-2019

PART 08: BRIC countries
  Russia
  Nuclear reactor age analysis in Russia 2014
  China
  Nuclear reactor age analysis in China 2014
  India
  Nuclear reactor age analysis in India 2014
  Brazil

PART 09: Market drivers

PART 10: Impact of drivers

PART 11: Market challenges

PART 12: Impact of drivers and challenges
PART 13: Market trends

PART 14: Vendor landscape
Competitive scenario
Other prominent vendors

PART 15: Key vendor analysis
AREVA
BHEL
CNNC
NIAEP-ASE
Westinghouse Electric

PART 16: Appendix
List of abbreviations

PART 17: About the Author

List of Exhibits
Exhibit 01: Product offerings
Exhibit 02: Segmentation of nuclear power market analysis in BRIC countries
Exhibit 03: Nuclear power market in BRIC countries by technology
Exhibit 04: Nuclear power market in BRIC countries by key countries
Exhibit 05: Nuclear power market in BRIC countries by cumulative installed capacity 2014-2019 (GW)
Exhibit 06: Nuclear power market in BRIC countries by number of reactors 2014-2019
Exhibit 07: Five forces analysis
Exhibit 08: Nuclear power in BRIC countries market segmentation by technology 2014 (cumulative installed capacity)
Exhibit 09: Nuclear power in BRIC countries market segmentation by technology 2019 (cumulative installed capacity)
Exhibit 10: Nuclear power in BRIC countries market segmentation by technology 2014-2019 (GW)
Exhibit 11: Nuclear Power in BRIC countries market segmentation by technology 2014-2019 (number of reactors)
Exhibit 12: Geographical segmentation of nuclear power market in BRIC countries 2014 (cumulative installed capacity)
Exhibit 13: Geographical segmentation of nuclear power market in BRIC countries 2019 (cumulative installed capacity)
Exhibit 14: Geographical segmentation of nuclear power market in BRIC countries 2014-2019 (cumulative installed capacity)
Exhibit 15: Nuclear power market in Russia by cumulative installed capacity 2014-2019 (GW)
Exhibit 16: Nuclear power market in Russia by number of reactors 2014-2019
Exhibit 17: Nuclear power market in Russia by technology 2014-2019 (GW)
Exhibit 18: Nuclear power market in Russia by technology 2014-2019 (number of reactors)
Exhibit 19: Nuclear reactor age analysis in Russia 2014
Exhibit 20: Nuclear power market in China by cumulative installed capacity (GW)
Exhibit 21: Nuclear power market in China by number of reactors 2014-2019
Exhibit 22: Nuclear power market in China by technology 2014-2019 (GW)
Exhibit 23: Nuclear power market in China by technology 2014-2019 (number of reactors)
Exhibit 24: Nuclear reactor age analysis in China 2014
Exhibit 25: Nuclear power market in India by cumulative installed capacity (GW)
Exhibit 26: Nuclear power market in India by number of reactors 2014-2019
Exhibit 27: Nuclear power market in India by technology 2014-2019 (GW)
Exhibit 28: Nuclear power market in India by technology 2014-2019 (number of reactors)
Exhibit 29: Nuclear reactor age analysis in India 2014
Exhibit 30: Nuclear power market in Brazil by cumulative installed capacity (GW)
Exhibit 31: Nuclear power market in Brazil by number of reactors 2014-2019
Exhibit 32: Power consumption in BRIC countries in 2014 (TWH)
Exhibit 33: Impact of drivers
Exhibit 34: Impact of drivers and challenges
Exhibit 35: Emissions expended by fossil fuels
Exhibit 36: Areva: Business segmentation by revenue 2014
Exhibit 37: AREVA: business segmentation by revenue 2013 and 2014 ($ billions)
Exhibit 38: AREVA: Geographical segmentation by revenue 2014
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