

# Global Nuclear Power Plant Market Data Survey Report 2025

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# **Abstracts**

### Summary

A nuclear power plant or nuclear power station is a thermal power station in which the heat source is a nuclear reactor. As is typical in all conventional thermal power stations the heat is used to generate steam which drives a steam turbine connected to an electric generator which produces electricity. Nuclear power stations are usually considered to be base load stations, since fuel is a small part of the cost of production. Their operations and maintenance (O&M) and fuel costs are, along with hydropower stations, at the low end of the spectrum and make them suitable as base-load power suppliers.

The global Nuclear Power Plant market will reach Volume Million USD in 2017 with CAGR xx% 2018-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

Average market price by SUK

Major applications

Key manufacturers are included based on manufacturing sites, capacity and production,



product specifications etc.:

Exelon Nuclear (Chicago, IL; Boiling Water Reactor Nuclear Power Plant)

Rosenergoatom (Russia; Heavy Water Reactor Nuclear Power Plant)

Duke Energy (Charlotte, NC; Fast Reactor Nuclear Power Plant)

Entergy Corporation (New Orleans, LA; Boiling Water Reactor Nuclear Power Plant)

FirstEnergy (Akron, OH; Fast Reactor Nuclear Power Plant)

E.On (Essen, Germany; Boiling Water Reactor Nuclear Power Plant)

Kepco (Flushing, NY; Pressurized Water Reactor Nuclear Power Plant)

NextEra Energy Resources (Juno Beach, FL; Boiling Water Reactor Nuclear Power Plant)

Magnox (Berkeley, United Kingdom; Fast Reactor Nuclear Power Plant)

Tennessee Valley Authority (Knoxville, TN; Boiling Water Reactor Nuclear Power Plant)

RWE (Essen, Germany; Heavy Water Reactor Nuclear Power Plant)

Dominion Resources (Richmond, VA; Fast Reactor Nuclear Power Plant)

Southern Company (Atlanta, GA; Pressurized Water Reactor Nuclear Power Plant)

Major applications as follows:

Machinery Industry

Energy



National Defense
Others
egional market size, production data and export & import:
Asia-Pacific
North America
Europe
South America
Middle East & Africa



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