

Power Plant Boiler Market Analysis By Process (Pulverized Fuel Combustion, Fluidized Bed Combustion), By Technology (Subcritical, Supercritical, Ultra-critical), By Region, And Segment Forecasts, 2014 - 2025

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Abstracts

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The global power plant boiler market is expected to reach USD 28.0 billion by 2025, according to a new report by Grand View Research, Inc. Rising demand for electricity is expected to propel the sector growth. The global population is increasing at a robust pace and likely to reach 2.2 billion by 2050. Moreover, the increase in population has led to rapid urbanization, especially in the developing countries. As per the United Nations World Urbanization Prospects, it is estimated that the urban population, which was 30% of the global population in 1950, is projected to reach 66% by 2050.

The growing urbanization has led to a rise in power consumption. To cope up with the rising power demand, governments across the world are on the lookout for various alternatives to boost power generation capacity. For instance, the government of India is offering power generation subsidiaries to operators to generate power through biogas. The government offers nearly USD 30 thousand per MW. The subsidy is valid only for the boiler manufacturers and steam turbine producers. Such initiatives are likely to produce modest demand for boilers over the forecast period.

Netherlands-based BDR Thermea acquired ECR International in 2016 to expand the company's existing product portfolio in the North America market via the latter's distribution network. Key vendors analyzed in the report are Babcock & Wilcox Enterprises; Dongfang Electric Corporation (DEC); Siemens AG; Mitsubishi Heavy

Industries, Ltd.; and General Electric (GE). Mergers and acquisitions continue to form an integral part of the market growth.

Further key findings from the report suggest:

The global demand for power plant boiler market was USD 19.8 billion in 2016 and likely to reach USD 28.0 billion by 2025, at a predicted CAGR of 3.9% from 2017 to 2025

Subcritical technology was the largest segment in the market, accounting for over 73% of the total revenue in 2016

Pulverized fuel combustion was the largest process segment, in terms of revenue, in 2016. The segment is likely to be valued at USD 15 billion by 2025, indicating a CAGR of 3.9%.

In terms of revenue, APAC is expected to be the largest regional market at a projected CAGR of 4.7% over the forecast period

The industry is dominated by a few multinational corporations such Babcock & Wilcox Enterprises; Dongfang Electric Corporation (DEC); Siemens AG; Mitsubishi Heavy Industries Ltd., and General Electric (GE)

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