

# Boiler and Steam Generator Market: Trends, Opportunities and Competitive Analysis

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## Abstracts

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### Boiler and Steam Generator Market Trends and Forecast

The future of the boiler and steam generator market looks promising with opportunities in the coal, gas, nuclear, and biomass and CSP plant fuels. The global boiler and steam generator market is expected to reach an estimated \$15.1 billion by 2027 with a CAGR of 1% from 2021 to 2027. Huge power generation capacity addition fostered by growing electricity demand and replacement of old inefficient boilers and steam generators are major drivers for boilers and steam generators market. Increasing penetration of advanced supercritical and ultra-supercritical boilers and steam generators for electric utilities industry will further drive the demand.

### Emerging Trends in the Boiler and Steam Generator Market

Emerging trends, which have a direct impact on the dynamics of the industry, include highly energy efficient and fuel flexible advanced technology boilers and steam generators and increasing focus on large-sized boilers and steam generators by electric utilities companies.

A total of 107 figures / charts and 68 tables are provided in this 207-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of the boiler and steam generator market report, please download the report brochure.

## Boiler and Steam Generator Market by Segment

The study includes a forecast for the global boiler and steam generator market by plant fuel, product type, and region as follows:

Boiler and Steam Generator Market by Plant Fuel [Value (\$B) and annual installation (gigawatt) analysis for 2016 – 2027]:

Coal

Gas

Nuclear

Biomass and CSP

Boiler and Steam Generator Market by Product Type [Value (\$B) and annual installation (gigawatt) analysis for 2016 – 2027]:

Steam Generator

HRSG

Boiler

Boiler and Steam Generator Market by Region [Value (\$B) and annual installation (gigawatt) analysis for 2016 – 2027]:

North America

Europe

Asia Pacific

The Rest of the World

## List of Boiler and Steam Generator Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies boiler and steam generator companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the boiler and steam generator companies profiled in this report includes.

Alstom SA

Shanghai Electric Group Company Limited

Dongfang Electric Corporation Limited

Harbin Electric Company Limited

Bharat Heavy Electricals Limited

## Boiler and Steam Generator Market Insight

Lucintel forecasts that coal will remain the largest plant fuel segment and is also expected to witness the highest growth over the forecast period as coal is the most common source of generating electricity, especially in emerging economies of Asian countries, such as China and India.

Boiler will remain the largest segment over the forecast period due to installation of new technology supercritical and ultra-supercritical boilers/steam generators in coal-fired and nuclear power plants.

Asia Pacific is expected to remain the largest region over the forecast period due to increasing demand for electric power and growing environmental concern led to the need of highly efficient boilers/steam generators technology.

## Features of Boiler and Steam Generator Market

**Market Size Estimates:** Boiler and steam generator market size estimation in terms of value (\$B) and annual installation (gigawatt)

**Trend and Forecast Analysis:** Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

**Segmentation Analysis:** Market size by plant fuel and product type

**Regional Analysis:** Boiler and steam generator market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different plant fuel, product type, and regions for the boiler and steam generator market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for the boiler and steam generator market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

## FAQ

**Q1. What is the boiler and steam generator market size?**

**Answer:** The global boiler and steam generator market is expected to reach an estimated \$15.1 billion by 2027.

**Q2. What is the growth forecast for boiler and steam generator market?**

**Answer:** The boiler and steam generator market is expected to grow at a CAGR of 1% from 2021 to 2027.

**Q3. What are the major drivers influencing the growth of the boiler and steam generator market?**

**Answer:** The major drivers for this market are huge power generation capacity addition fostered by growing electricity demand and replacement of old inefficient boilers and steam generators are major drivers for boilers and steam generators market an

increasing penetration of advanced supercritical and ultra-supercritical boilers and steam generators for electric utilities industry.

Q4. What are the major plant fuels for boiler and steam generator?

Answer: Coal and gas are the major end use industries for boiler and steam generator.

Q5. What are the emerging trends in boiler and steam generator market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include highly energy efficient and fuel flexible advanced technology boilers and steam generators and increasing focus on large-sized boilers and steam generators by electric utilities companies.

Q6. Who are the key boiler and steam generator companies?

Answer: Some of the key boiler and steam generator companies are as follows:

Alstom SA

Shanghai Electric Group Company Limited

Dongfang Electric Corporation Limited

Harbin Electric Company Limited

Bharat Heavy Electricals Limited

Q7. Which boiler and steam generator product segment will be the largest in future?

Answer: Lucintel forecasts that coal will remain the largest plant fuel segment and is also expected to witness the highest growth over the forecast period as coal is the most common source of generating electricity.

Q8: In boiler and steam generator market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific is expected to remain the largest region and witness the highest

growth over next 5 years.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high growth opportunities for the global boiler and steam generator market by plant fuel (coal, gas, nuclear, and biomass and CSP0, product type (steam generator, HRSG, and boiler), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q. 2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are the changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities have taken place in the last 5 years in this market?

For any questions related to boiler and steam generator market or related to boiler and steam generator market share, boiler and steam generator market analysis, boiler and

steam generator market size, steam generators and boilers, and electric steam boiler manufacturers, write to Lucintel analysts at [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

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