

# Global Combined Heat and Power (CHP) Market 2021

<https://marketpublishers.com/r/G1971E3EAA32EN.html>

Date: April 2021

Pages: 37

Price: US\$ 2,750.00 (Single User License)

ID: G1971E3EAA32EN

## Abstracts

Combined heat and power (CHP) is an energy efficient technology that generates electricity and heat from a single fuel source. The CHP system reduces the cost of electricity and heat production by increasing the thermal efficiency of the system. CHP can be located at an individual facility or building, or be a district energy or utility resource. The global combined heat and power (chp) market in terms of revenue is set to grow by US\$ 4 billion during 2021-2027, growing at a compound annual growth rate (CAGR) of 4.3% during the forecast period, according to data and analytics company StrategyHelix. industrial is the most significant revenue contributor in the global combined heat and power (chp) market. The region is expected to witness significant developments in the combined heat and power (chp) market. Rising environmental concern, increasing demand for energy and favorable government policies, and high efficiency and technological advancement are the key factors driving market growth.

The report provides up-to-date market size data for period 2017-2020 and forecast to 2027 covering key market aspects like sales value and volume for combined heat and power (chp). The global combined heat and power (chp) market is segmented on the basis of fuel type, prime mover, equipment, region, and application. By fuel type, it is categorized into natural gas, coal, fuel oil, biomass, and others. The natural gas segment held the largest market share in 2020. By prime mover, the combined heat and power (chp) market is divided into gas engine, gas turbine, steam turbine, and fuel cell. Based on equipment, the combined heat and power (chp) market is divided into gas & steam turbines, generator sets, energy storage systems, steam boilers, fuel feed systems, emission controls, and control systems. Combined heat and power (chp) market by region is divided into North America, Asia Pacific, Europe, and Rest of the World (ROW).

The report has profiled some of the key players of the market such as Ansaldo Energia S.p.A., Baker Hughes Company, Caterpillar Inc., Cummins Inc., Dongfang Turbine Co.

Ltd., Doosan Heavy Industries & Construction Co. Ltd., General Electric Company (GE), Harbin Turbine Co. Ltd., INNIO Jenbacher GmbH & Co. OHG, Mitsubishi Power Ltd., MTU Friedrichshafen GmbH, Shanghai Electric Group Company Limited, Siemens AG, Wartsila Oyj Abp.

The report is an invaluable resource for companies and organizations active in this industry. It provides a cohesive picture of the combined heat and power (chp) market to help drive informed decision making for industry executives, policy makers, academic, and analysts.

#### Report Scope

Fuel type: natural gas, coal, fuel oil, biomass, and others

Prime mover: gas engine, gas turbine, steam turbine, and fuel cell

Equipment: gas & steam turbines, generator sets, energy storage systems, steam boilers, fuel feed systems, emission controls, and control systems

Application: residential, commercial, and industrial

Region: North America, Asia Pacific, Europe, and Rest of the World (ROW)

Years Considered: this report covers the period 2017 to 2027

#### Key Benefits for Stakeholders

Get a comprehensive picture of the global combined heat and power (chp) market

Identify regional strategies and strategic priorities on the basis of local data and analysis

Pinpoint growth sectors and trends for investment

Understand what the future of the global combined heat and power (chp) market looks like

Identify the competitive landscape and window of opportunity

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