

**Combined Heat Power Market By Fuel Type (Natural Gas, Coal, Biomass, Others), By Capacity (Up to 10 MW, 10-150 MW, 151-300 MW, Above 300 MW), By Technology (Combined Cycle, Steam Turbine, Gas Turbine, Reciprocating Engine, Others), By Application (Commercial, Residential, Industrial, Utility): Global Opportunity Analysis and Industry Forecast, 2021-2031**

Market Report | 2023-02-01 | 280 pages | Allied Market Research

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**Report description:**

The global combined heat power market is envisioned to garner \$48,399.1 million by 2031, growing from \$24,600.0 million in 2021 at a CAGR of 7.5% from 2022 to 2031.?

The combined heat power industry is being driven by unofficial rules and motives, as well as an increase in the use of various gases for power generation. Cogeneration is another phrase for integrated intensity and power. This method produces both intensity and power at the same time. Some of the key forces driving the growth of the combined heat power industry are the increase in the number of?? organization of combined heat power developments, the need for energy productivity, and the surge in use of government incentives.??

However, some of the disadvantages of combined heat power include installing a combined heat power system that is more expensive than installing a standard system. However, over the first few years, when any loan is taken out to pay for the combined heat power?equipment, it gets paid back by the savings. The combined heat power industry is growing due to the multiple benefits it provides, such as cutting manufacturing system costs by reducing redundant power use. Energy can now be recovered by repurposing waste materials. Implementation of combined heat & power (CHP) systems, greater use of government investment to encourage produced electricity, and the need for renewable energy are the factors driving the worldwide combined heat and power market. In addition, government agencies across the globe are attempting to encourage advanced CHP technologies through a number of attractive long-term financial and regulatory incentives, which are likely to boost combined heat power market growth during the forecast period.?

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The COVID-19 pandemic has resulted in a significant decrease in energy consumption from the residential, commercial, and industrial sectors. The energy industry suffered as the majority of countries around the world, including the US and UK China, and India, imposed lockdown restrictions, shutting down industrial operations and halting various industrial projects, causing supply chains and business operations to be disrupted, leading to a decline in global demand for energy. According to the International Energy Agency (IEA), worldwide demand will fell by 6% in 2020, approximately seven times the decrease experienced during the 2008 global recession.?

The key players profiled in this report include MAN Diesel & Turbo SE, Caterpillar Inc., Mitsubishi heavy Industries Ltd., General Electric, Cummins, Bosch Thermotechnology Ltd., ABB Limited, ENER-G Rudox, and Veolia?

#### Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the global combined heat power market analysis from 2021 to 2031 to identify the prevailing global combined heat power market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the global combined heat power market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global global combined heat power market trends, key players, market segments, application areas, and market growth strategies.

#### Key Market Segments

##### By Technology

- Combined Cycle
- Steam Turbine
- Gas Turbine
- Reciprocating Engine
- Others

##### By Application

- Commercial
- Residential
- Industrial
- Utility

##### By Fuel Type

- Natural Gas
- Coal
- Biomass
- Others

##### By Capacity

- Up to 10 MW
- 10-150 MW
- 151-300 MW
- Above 300 MW

##### By Region

- North America
- U.S.

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- Canada
- Mexico
- Europe
- Germany
- UK
- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- UAE
- South Africa
- Rest of LAMEA
- Key Market Players
- General Electric
- Siemens AG
- Veolia
- Wartsila
- Mitsubishi Electric Corporation
- 2G Energy AG
- Bosch Ltd
- bdr thermea
- Tecogen Inc
- FuelCell Energy, Inc.

**Table of Contents:**

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4. Research Methodology
  - 1.4.1. Primary research
  - 1.4.2. Secondary research
  - 1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope

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- 3.2. Key findings
  - 3.2.1. Top impacting factors
  - 3.2.2. Top investment pockets
- 3.3. Porter's five forces analysis
- 3.4. Market dynamics
  - 3.4.1. Drivers
  - 3.4.2. Restraints
  - 3.4.3. Opportunities
- 3.5. COVID-19 Impact Analysis on the market
- 3.6. Key Regulation Analysis
- 3.7. Market Share Analysis
- 3.8. Patent Landscape
- 3.9. Regulatory Guidelines
- 3.10. Value Chain Analysis

#### CHAPTER 4: COMBINED HEAT POWER MARKET, BY FUEL TYPE

- 4.1. Overview
  - 4.1.1. Market size and forecast
- 4.2. Natural Gas
  - 4.2.1. Key market trends, growth factors and opportunities
  - 4.2.2. Market size and forecast, by region
  - 4.2.3. Market share analysis by country
- 4.3. Coal
  - 4.3.1. Key market trends, growth factors and opportunities
  - 4.3.2. Market size and forecast, by region
  - 4.3.3. Market share analysis by country
- 4.4. Biomass
  - 4.4.1. Key market trends, growth factors and opportunities
  - 4.4.2. Market size and forecast, by region
  - 4.4.3. Market share analysis by country
- 4.5. Others
  - 4.5.1. Key market trends, growth factors and opportunities
  - 4.5.2. Market size and forecast, by region
  - 4.5.3. Market share analysis by country

#### CHAPTER 5: COMBINED HEAT POWER MARKET, BY CAPACITY

- 5.1. Overview
  - 5.1.1. Market size and forecast
- 5.2. Up to 10 MW
  - 5.2.1. Key market trends, growth factors and opportunities
  - 5.2.2. Market size and forecast, by region
  - 5.2.3. Market share analysis by country
- 5.3. 10-150 MW
  - 5.3.1. Key market trends, growth factors and opportunities
  - 5.3.2. Market size and forecast, by region
  - 5.3.3. Market share analysis by country
- 5.4. 151-300 MW
  - 5.4.1. Key market trends, growth factors and opportunities
  - 5.4.2. Market size and forecast, by region

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- 5.4.3. Market share analysis by country
- 5.5. Above 300 MW
  - 5.5.1. Key market trends, growth factors and opportunities
  - 5.5.2. Market size and forecast, by region
  - 5.5.3. Market share analysis by country
- CHAPTER 6: COMBINED HEAT POWER MARKET, BY TECHNOLOGY
  - 6.1. Overview
    - 6.1.1. Market size and forecast
  - 6.2. Combined Cycle
    - 6.2.1. Key market trends, growth factors and opportunities
    - 6.2.2. Market size and forecast, by region
    - 6.2.3. Market share analysis by country
  - 6.3. Steam Turbine
    - 6.3.1. Key market trends, growth factors and opportunities
    - 6.3.2. Market size and forecast, by region
    - 6.3.3. Market share analysis by country
  - 6.4. Gas Turbine
    - 6.4.1. Key market trends, growth factors and opportunities
    - 6.4.2. Market size and forecast, by region
    - 6.4.3. Market share analysis by country
  - 6.5. Reciprocating Engine
    - 6.5.1. Key market trends, growth factors and opportunities
    - 6.5.2. Market size and forecast, by region
    - 6.5.3. Market share analysis by country
  - 6.6. Others
    - 6.6.1. Key market trends, growth factors and opportunities
    - 6.6.2. Market size and forecast, by region
    - 6.6.3. Market share analysis by country
- CHAPTER 7: COMBINED HEAT POWER MARKET, BY APPLICATION
  - 7.1. Overview
    - 7.1.1. Market size and forecast
  - 7.2. Commercial
    - 7.2.1. Key market trends, growth factors and opportunities
    - 7.2.2. Market size and forecast, by region
    - 7.2.3. Market share analysis by country
  - 7.3. Residential
    - 7.3.1. Key market trends, growth factors and opportunities
    - 7.3.2. Market size and forecast, by region
    - 7.3.3. Market share analysis by country
  - 7.4. Industrial
    - 7.4.1. Key market trends, growth factors and opportunities
    - 7.4.2. Market size and forecast, by region
    - 7.4.3. Market share analysis by country
  - 7.5. Utility
    - 7.5.1. Key market trends, growth factors and opportunities
    - 7.5.2. Market size and forecast, by region
    - 7.5.3. Market share analysis by country

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## CHAPTER 8: COMBINED HEAT POWER MARKET, BY REGION

### 8.1. Overview

#### 8.1.1. Market size and forecast By Region

### 8.2. North America

#### 8.2.1. Key trends and opportunities

#### 8.2.2. Market size and forecast, by Fuel Type

#### 8.2.3. Market size and forecast, by Capacity

#### 8.2.4. Market size and forecast, by Technology

#### 8.2.5. Market size and forecast, by Application

#### 8.2.6. Market size and forecast, by country

##### 8.2.6.1. U.S.

###### 8.2.6.1.1. Key market trends, growth factors and opportunities

###### 8.2.6.1.2. Market size and forecast, by Fuel Type

###### 8.2.6.1.3. Market size and forecast, by Capacity

###### 8.2.6.1.4. Market size and forecast, by Technology

###### 8.2.6.1.5. Market size and forecast, by Application

##### 8.2.6.2. Canada

###### 8.2.6.2.1. Key market trends, growth factors and opportunities

###### 8.2.6.2.2. Market size and forecast, by Fuel Type

###### 8.2.6.2.3. Market size and forecast, by Capacity

###### 8.2.6.2.4. Market size and forecast, by Technology

###### 8.2.6.2.5. Market size and forecast, by Application

##### 8.2.6.3. Mexico

###### 8.2.6.3.1. Key market trends, growth factors and opportunities

###### 8.2.6.3.2. Market size and forecast, by Fuel Type

###### 8.2.6.3.3. Market size and forecast, by Capacity

###### 8.2.6.3.4. Market size and forecast, by Technology

###### 8.2.6.3.5. Market size and forecast, by Application

### 8.3. Europe

#### 8.3.1. Key trends and opportunities

#### 8.3.2. Market size and forecast, by Fuel Type

#### 8.3.3. Market size and forecast, by Capacity

#### 8.3.4. Market size and forecast, by Technology

#### 8.3.5. Market size and forecast, by Application

#### 8.3.6. Market size and forecast, by country

##### 8.3.6.1. Germany

###### 8.3.6.1.1. Key market trends, growth factors and opportunities

###### 8.3.6.1.2. Market size and forecast, by Fuel Type

###### 8.3.6.1.3. Market size and forecast, by Capacity

###### 8.3.6.1.4. Market size and forecast, by Technology

###### 8.3.6.1.5. Market size and forecast, by Application

##### 8.3.6.2. UK

###### 8.3.6.2.1. Key market trends, growth factors and opportunities

###### 8.3.6.2.2. Market size and forecast, by Fuel Type

###### 8.3.6.2.3. Market size and forecast, by Capacity

###### 8.3.6.2.4. Market size and forecast, by Technology

###### 8.3.6.2.5. Market size and forecast, by Application

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- 8.3.6.3. France
  - 8.3.6.3.1. Key market trends, growth factors and opportunities
  - 8.3.6.3.2. Market size and forecast, by Fuel Type
  - 8.3.6.3.3. Market size and forecast, by Capacity
  - 8.3.6.3.4. Market size and forecast, by Technology
  - 8.3.6.3.5. Market size and forecast, by Application
- 8.3.6.4. Spain
  - 8.3.6.4.1. Key market trends, growth factors and opportunities
  - 8.3.6.4.2. Market size and forecast, by Fuel Type
  - 8.3.6.4.3. Market size and forecast, by Capacity
  - 8.3.6.4.4. Market size and forecast, by Technology
  - 8.3.6.4.5. Market size and forecast, by Application
- 8.3.6.5. Italy
  - 8.3.6.5.1. Key market trends, growth factors and opportunities
  - 8.3.6.5.2. Market size and forecast, by Fuel Type
  - 8.3.6.5.3. Market size and forecast, by Capacity
  - 8.3.6.5.4. Market size and forecast, by Technology
  - 8.3.6.5.5. Market size and forecast, by Application
- 8.3.6.6. Rest of Europe
  - 8.3.6.6.1. Key market trends, growth factors and opportunities
  - 8.3.6.6.2. Market size and forecast, by Fuel Type
  - 8.3.6.6.3. Market size and forecast, by Capacity
  - 8.3.6.6.4. Market size and forecast, by Technology
  - 8.3.6.6.5. Market size and forecast, by Application
- 8.4. Asia-Pacific
  - 8.4.1. Key trends and opportunities
  - 8.4.2. Market size and forecast, by Fuel Type
  - 8.4.3. Market size and forecast, by Capacity
  - 8.4.4. Market size and forecast, by Technology
  - 8.4.5. Market size and forecast, by Application
  - 8.4.6. Market size and forecast, by country
    - 8.4.6.1. China
      - 8.4.6.1.1. Key market trends, growth factors and opportunities
      - 8.4.6.1.2. Market size and forecast, by Fuel Type
      - 8.4.6.1.3. Market size and forecast, by Capacity
      - 8.4.6.1.4. Market size and forecast, by Technology
      - 8.4.6.1.5. Market size and forecast, by Application
    - 8.4.6.2. Japan
      - 8.4.6.2.1. Key market trends, growth factors and opportunities
      - 8.4.6.2.2. Market size and forecast, by Fuel Type
      - 8.4.6.2.3. Market size and forecast, by Capacity
      - 8.4.6.2.4. Market size and forecast, by Technology
      - 8.4.6.2.5. Market size and forecast, by Application
    - 8.4.6.3. India
      - 8.4.6.3.1. Key market trends, growth factors and opportunities
      - 8.4.6.3.2. Market size and forecast, by Fuel Type
      - 8.4.6.3.3. Market size and forecast, by Capacity

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- 8.4.6.3.4. Market size and forecast, by Technology
- 8.4.6.3.5. Market size and forecast, by Application
- 8.4.6.4. South Korea
  - 8.4.6.4.1. Key market trends, growth factors and opportunities
  - 8.4.6.4.2. Market size and forecast, by Fuel Type
  - 8.4.6.4.3. Market size and forecast, by Capacity
  - 8.4.6.4.4. Market size and forecast, by Technology
  - 8.4.6.4.5. Market size and forecast, by Application
- 8.4.6.5. Australia
  - 8.4.6.5.1. Key market trends, growth factors and opportunities
  - 8.4.6.5.2. Market size and forecast, by Fuel Type
  - 8.4.6.5.3. Market size and forecast, by Capacity
  - 8.4.6.5.4. Market size and forecast, by Technology
  - 8.4.6.5.5. Market size and forecast, by Application
- 8.4.6.6. Rest of Asia-Pacific
  - 8.4.6.6.1. Key market trends, growth factors and opportunities
  - 8.4.6.6.2. Market size and forecast, by Fuel Type
  - 8.4.6.6.3. Market size and forecast, by Capacity
  - 8.4.6.6.4. Market size and forecast, by Technology
  - 8.4.6.6.5. Market size and forecast, by Application
- 8.5. LAMEA
  - 8.5.1. Key trends and opportunities
  - 8.5.2. Market size and forecast, by Fuel Type
  - 8.5.3. Market size and forecast, by Capacity
  - 8.5.4. Market size and forecast, by Technology
  - 8.5.5. Market size and forecast, by Application
  - 8.5.6. Market size and forecast, by country
    - 8.5.6.1. Brazil
      - 8.5.6.1.1. Key market trends, growth factors and opportunities
      - 8.5.6.1.2. Market size and forecast, by Fuel Type
      - 8.5.6.1.3. Market size and forecast, by Capacity
      - 8.5.6.1.4. Market size and forecast, by Technology
      - 8.5.6.1.5. Market size and forecast, by Application
    - 8.5.6.2. Saudi Arabia
      - 8.5.6.2.1. Key market trends, growth factors and opportunities
      - 8.5.6.2.2. Market size and forecast, by Fuel Type
      - 8.5.6.2.3. Market size and forecast, by Capacity
      - 8.5.6.2.4. Market size and forecast, by Technology
      - 8.5.6.2.5. Market size and forecast, by Application
    - 8.5.6.3. UAE
      - 8.5.6.3.1. Key market trends, growth factors and opportunities
      - 8.5.6.3.2. Market size and forecast, by Fuel Type
      - 8.5.6.3.3. Market size and forecast, by Capacity
      - 8.5.6.3.4. Market size and forecast, by Technology
      - 8.5.6.3.5. Market size and forecast, by Application
    - 8.5.6.4. South Africa
      - 8.5.6.4.1. Key market trends, growth factors and opportunities

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- 8.5.6.4.2. Market size and forecast, by Fuel Type
- 8.5.6.4.3. Market size and forecast, by Capacity
- 8.5.6.4.4. Market size and forecast, by Technology
- 8.5.6.4.5. Market size and forecast, by Application
- 8.5.6.5. Rest of LAMEA
  - 8.5.6.5.1. Key market trends, growth factors and opportunities
  - 8.5.6.5.2. Market size and forecast, by Fuel Type
  - 8.5.6.5.3. Market size and forecast, by Capacity
  - 8.5.6.5.4. Market size and forecast, by Technology
  - 8.5.6.5.5. Market size and forecast, by Application

## CHAPTER 9: COMPETITIVE LANDSCAPE

- 9.1. Introduction
- 9.2. Top winning strategies
- 9.3. Product Mapping of Top 10 Player
- 9.4. Competitive Dashboard
- 9.5. Competitive Heatmap
- 9.6. Top player positioning, 2021

## CHAPTER 10: COMPANY PROFILES

- 10.1. General Electric
  - 10.1.1. Company overview
  - 10.1.2. Key Executives
  - 10.1.3. Company snapshot
- 10.2. Siemens AG
  - 10.2.1. Company overview
  - 10.2.2. Key Executives
  - 10.2.3. Company snapshot
- 10.3. Veolia
  - 10.3.1. Company overview
  - 10.3.2. Key Executives
  - 10.3.3. Company snapshot
- 10.4. Wartsila
  - 10.4.1. Company overview
  - 10.4.2. Key Executives
  - 10.4.3. Company snapshot
- 10.5. Mitsubishi Electric Corporation
  - 10.5.1. Company overview
  - 10.5.2. Key Executives
  - 10.5.3. Company snapshot
- 10.6. 2G Energy AG
  - 10.6.1. Company overview
  - 10.6.2. Key Executives
  - 10.6.3. Company snapshot
- 10.7. Bosch Ltd
  - 10.7.1. Company overview
  - 10.7.2. Key Executives
  - 10.7.3. Company snapshot
- 10.8. bdr thermea

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- 10.8.1. Company overview
- 10.8.2. Key Executives
- 10.8.3. Company snapshot
- 10.9. Tecogen Inc
  - 10.9.1. Company overview
  - 10.9.2. Key Executives
  - 10.9.3. Company snapshot
- 10.10. FuelCell Energy, Inc.
  - 10.10.1. Company overview
  - 10.10.2. Key Executives
  - 10.10.3. Company snapshot

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