

Global District Heating and Cooling Service Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global District Heating and Cooling Service market size is expected to reach \$ 371333 million by 2032, rising at a market growth of 5.7% CAGR during the forecast period (2026-2032).

District energy, both heating and cooling, tie together the energy generating sources in a city with buildings and facilities having a need of heating and/or cooling. Instead of each building having its own heating or cooling system, the energy is delivered to several buildings in a larger area from a central plant. The water based distribution system guarantees that heat and cooling arrive safely to the end users. With district heating, energy is saved overall, as it takes advantage of resources that would otherwise not be have been used, making it an efficient and sustainable solution to satisfy the local heat and cooling demand in a city.

District heating and cooling services are an efficient way to use energy. They provide heating and cooling to multiple buildings in a region through centralized heating or cooling.

The main players in the global district heating and cooling market include ENGIE, NRG Energy, Fortum, Empower, ADC Energy Systems, STEAG, Ørsted A/S, etc.

These companies occupy an important position in the technological innovation and market expansion of district heating and cooling. The top seven manufacturers in the world have a total market share of about 14%.

At present, Asia Pacific is the largest market in the world, accounting for about 43% of the market share. Europe and North America are also important market regions. The

high attention paid to environmental protection and energy efficiency in these regions has promoted the development of the market.

The earliest district cooling system in Europe appeared in Paris in 1960, and is currently widely used in France, Germany and Switzerland. Norway, Sweden and Denmark generally use seawater, lake water, groundwater, industrial wastewater and urban sewage as heat sources and heat sinks for heat pumps. As the world's largest developing country, China's urban heating and cooling market is also expanding. The government has introduced a series of policies to promote the industry to develop in a green and low-carbon direction.

Development trend:

With global climate change and the transformation of energy structure, the regional heating and cooling industry will continue to maintain its growth momentum.

Technological innovation and increased environmental protection requirements will drive manufacturers using clean energy and energy-saving technologies to gain more opportunities in the market.

Intelligence and greening will become an important direction for the development of the industry.

This report studies the global District Heating and Cooling Service demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for District Heating and Cooling Service, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of District Heating and Cooling Service that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global District Heating and Cooling Service total market, 2021-2032, (USD Million)

Global District Heating and Cooling Service total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: District Heating and Cooling Service total market, key domestic companies, and share, (USD Million)

Global District Heating and Cooling Service revenue by player, revenue and market

share 2021-2026, (USD Million)

Global District Heating and Cooling Service total market by Type, CAGR, 2021-2032, (USD Million)

Global District Heating and Cooling Service total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global District Heating and Cooling Service market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ENGIE (FR), NRG Energy (US), Fortum (FI), Empower (US), ADC Energy Systems (AE), STEAG (DE), Ørsted A/S (DK), Tabreed (AE), Vattenfall (SE), RWE AG (DE), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world District Heating and Cooling Service market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global District Heating and Cooling Service Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global District Heating and Cooling Service Market, Segmentation by Type:

District Heating

District Cooling

Global District Heating and Cooling Service Market, Segmentation by Energy Source:

Fossil-fuel Based

Combined Heat and Power (CHP)

Industrial Waste Heat

Renewable Energy

Other

Global District Heating and Cooling Service Market, Segmentation by Operational Model:

State-owned Monopoly

Market-based Competition

User Cooperative

Third-party Service

Integrated Energy Service

Global District Heating and Cooling Service Market, Segmentation by Application:

Residential

Commercial

Industrial

Companies Profiled:

ENGIE (FR)

NRG Energy (US)

Fortum (FI)

Empower (US)

ADC Energy Systems (AE)

STEAG (DE)

Ørsted A/S (DK)

Tabreed (AE)

Vattenfall (SE)

RWE AG (DE)

Goteborg Energi (SE)

Logstor (DK)

Shinryo (JP)

Emicool (AE)

Keppel DHCS (SG)

Statkraft (NO)

Ramboll (DK)

State Power Investment Corporation (CN)

Shenzhen Qianhai Energy Technology Development Co., Ltd. (CN)

Shanghai Shenergy Energy Service Co., Ltd. (CN)

ENN Energy Holdings Limited (CN)

China Resources Gas Group Limited (CN)

China Huaneng Group Co., Ltd. (CN)

Key Questions Answered

1. How big is the global District Heating and Cooling Service market?
2. What is the demand of the global District Heating and Cooling Service market?
3. What is the year over year growth of the global District Heating and Cooling Service market?
4. What is the total value of the global District Heating and Cooling Service market?
5. Who are the Major Players in the global District Heating and Cooling Service market?
6. What are the growth factors driving the market demand?

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