+357 96 030922
info@marketpublishers.com

# Global District Cooling Market Size study, by Production Technique (Free Cooling, Absorption Cooling, Electric Chillers), by Source (Fossil Fuels, Renewable Energy), by Application (Residential, Commercial, Industrial), and Regional Forecasts 2022-2032

https://marketpublishers.com/r/GFD54F1ABBE6EN.html
Date: January 2025
Pages: 285
Price: US$ 3,218.00 (Single User License)
ID: GFD54F1ABBE6EN

## Abstracts

The Global District Cooling Market, valued at approximately USD 1.06 billion in 2023, is projected to grow at a compound annual growth rate (CAGR) of 3.60% during the forecast period 2024-2032. District cooling systems have emerged as a cornerstone in sustainable urban infrastructure, delivering efficient cooling solutions to a variety of applications while minimizing environmental impact. By centralizing the cooling process, these systems reduce energy consumption and operational costs, offering a greener alternative to conventional air conditioning methods. The market's growth trajectory is driven by a convergence of technological advancements and rising demand for energy-efficient cooling in residential, commercial, and industrial sectors.

A key factor propelling the district cooling market forward is the growing emphasis on reducing greenhouse gas emissions and increasing energy efficiency. With urbanization accelerating globally, there is an ever-growing demand for scalable cooling solutions that align with sustainability goals. Innovations in production techniques, such as absorption cooling and free cooling, have further bolstered the market by enhancing efficiency and reducing dependency on fossil fuels. Renewable energy sources, like solar and geothermal, are being increasingly integrated into district cooling systems, amplifying their appeal to eco-conscious markets. However, high upfront costs and the complexity of retrofitting existing buildings pose challenges to widespread adoption.

+357 96 030922
info@marketpublishers.com

Regionally, the market demonstrates diverse growth patterns. In 2023, North America held a substantial share due to its advanced urban infrastructure and stringent environmental regulations promoting green cooling technologies. The region has witnessed significant investments in renewable energy-based district cooling projects, particularly in the U.S. and Canada. Meanwhile, the Asia-Pacific region is anticipated to exhibit the fastest growth during the forecast period, fueled by rapid urbanization, expanding industrial activities, and supportive government policies in countries such as China, India, and Singapore. Europe continues to be a prominent market, underpinned by its commitment to achieving carbon neutrality and its strong focus on sustainable urban development.

Major market players included in this report are:

ENGIE Group

Emirates Central Cooling Systems Corporation (Empower)

National Central Cooling Company PJSC (Tabreed)

Veolia Environment S.A.

SNC-Lavalin Group

Siemens AG

Johnson Controls International

Ramboll Group

Shinryo Corporation

Danfoss A/S

Fortum Oyj

Stellar Energy

Qatar Cool

+357 96 030922
info@marketpublishers.com

Thermax Limited

Keppel DHCS Pte Ltd.

The detailed segments and sub-segment of the market are explained below:

By Production Technique

Free Cooling

Absorption Cooling

Electric Chillers

By Source

Fossil Fuels

Renewable Energy

By Application

Residential

Commercial

Industrial

By Region:

North America

U.S.

Canada

+357 96 030922
info@marketpublishers.com

Europe

- UK
- Germany
- France
- Spain
- Italy
- Rest of Europe

Asia-Pacific

- China
- India
- Japan
- Australia
- South Korea
- Rest of Asia-Pacific

Latin America

- Brazil
- Mexico
- Rest of Latin America

+357 96 030922
info@marketpublishers.com

Middle East & Africa

- Saudi Arabia
- South Africa
- Rest of Middle East & Africa

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with country-level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approaches.
- Analysis of competitive structure of the market.
- Demand-side and supply-side analysis of the market.

+357 96 030922
info@marketpublishers.com

# Contents

+357 96 030922
info@marketpublishers.com

## CHAPTER 3. GLOBAL DISTRICT COOLING MARKET DYNAMICS



---

## CHAPTER 4. GLOBAL DISTRICT COOLING MARKET INDUSTRY ANALYSIS



---

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com



## CHAPTER 10. RESEARCH PROCESS

+357 96 030922
info@marketpublishers.com

# List Of Tables

## LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Billion)
This list is not complete; the final report does contain more than 100 tables. The list may be updated in the final deliverable.

+357 96 030922
info@marketpublishers.com

## I would like to order

Product name: Global District Cooling Market Size study, by Production Technique (Free Cooling, Absorption Cooling, Electric Chillers), by Source (Fossil Fuels, Renewable Energy), by Application (Residential, Commercial, Industrial), and Regional Forecasts 2022-2032

Product link: https://marketpublishers.com/r/GFD54F1ABBE6EN.html

Price: US$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GFD54F1ABBE6EN.html