

Net-Zero Energy Buildings Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global net-zero energy buildings market size reached US\$ 27.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 103.9 Billion by 2028, exhibiting a growth rate (CAGR) of 21.8% during 2023-2028.

Net-zero energy (NZE) buildings refer to the constructions that are optimized to use on-site renewable resources to meet energy requirements. They use passive solar heat gain through photovoltaics (PV) and geothermal energy systems to stabilize temperature variations in the complex throughout the day. The buildings also include highly efficient heating and cooling equipment, appliances, walls & roofs, windows and doors. They aid in maintaining the desired insulation, natural ventilation and air sealing, thereby minimizing the overall energy consumption and wastage over time. As a result, these buildings are widely used as residential complexes, office spaces, educational facilities and public buildings.

The increasing utilization of renewable resources for power generation across the globe represents one of the key factors driving the growth of the market. Furthermore, the implementation of favorable government policies and initiatives to minimize carbon emissions and promote sustainable development is also driving the market growth. For instance, the California Public Utilities Commission (CPUC) implemented a long-term efficiency strategy plan to promote the construction of new NZE buildings. Additionally, various product innovations, such as the development of innovative gas water heaters and other heating, ventilation and air conditioning (HVAC) systems, are acting as other growth-inducing factors. These systems aid in maintaining the indoor air quality and

safety and ensuring a non-hazardous environment in low-rise buildings. Other factors, including extensive research and development (R&D) activities, along with rapid infrastructural development, especially in developing countries, are anticipated to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global net-zero energy buildings market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on offering and building type.

Breakup by Offering:

Equipments

Lighting

Walls and Roofs

HVAC Systems

Others

Solutions and Services

Software Solutions

Designing Services

Consulting Services

Breakup by Building Type:

Commercial

Residential

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Altura Associates LLC, Daikin Industries Ltd., General Electric Company, Integrated Environmental Solutions Ltd., Johnson Controls International plc, Kingspan Group Plc, Sage Electrochromics Inc. (Compagnie de Saint-Gobain S.A), Schneider Electric, Siemens Aktiengesellschaft, Solatube International Inc. and Sunpower Corporation (Total SE).

Key Questions Answered in This Report:

What was the size of the global net-zero energy buildings market in 2022?

What is the expected growth rate of the global net-zero energy buildings market during 2023-2028?

What has been the impact of COVID-19 on the global net-zero energy buildings market?

What are the key factors driving the global net-zero energy buildings market?

What is the breakup of the global net-zero energy buildings market based on the offering?

What is the breakup of the global net-zero energy buildings market based on the building type?

What are the key regions in the global net-zero energy buildings market?

Who are the key players/companies in the global net-zero energy buildings market?

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