

Hydro Energy Market, Global Outlook and Forecast 2022-2028

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Abstracts

Fossil fuel based power generation is the most popular form of power generation in the world. However, depleting reserves of fossil fuels has prompted the industry to shift to renewable sources. The growing energy demand on account of growing global population coupled with the need to reduce reliance on conventional power generation has been prompting the industry to use renewable power sources. One of the most popular renewable power generation technologies includes hydropower which does not cause any greenhouse gas emissions and toxic waste. After building a dam and installation of equipment the source of energy i.e. flowing water is free therefore making hydropower is one of the cheapest ways to generate electricity. It is one of the cleanest fuel sources which get renewed regularly by rainfall and snow. Hydropower is readily available because according to the demand and requirement the flow of water can be controlled through turbines by engineers and the reservoirs may also offer recreational opportunities and activities such as boating and swimming.

This report contains market size and forecasts of Hydro Energy in Global, including the following market information:

Global Hydro Energy Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Hydro Energy market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Large (Above 30 MW) Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Hydro Energy include GE Energy, CPFL Energia, Sinohydro, Andritz, IHI, China Hydroelectric, ABB, The Tata Power and OJSC Bashkirenergo, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Hydro Energy companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Hydro Energy Market, by Power, 2017-2022, 2023-2028 (\$ millions)

Global Hydro Energy Market Segment Percentages, by Power, 2021 (%)

Large (Above 30 MW)

Small (100 KW - 30 MW)

Micro (Below 100 KW)

Global Hydro Energy Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Hydro Energy Market Segment Percentages, by Application, 2021 (%)

Industrial

Residential

Commercial

Others

Global Hydro Energy Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Hydro Energy Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Hydro Energy revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Hydro Energy revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

GE Energy

CPFL Energia

Sinohydro

Andritz

IHI

China Hydroelectric

ABB

The Tata Power

OJSC Bashkirenergo

EDP

CEMIG

Ertan Hydropower Development

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