

Hydropower Generation Market Size to hit US\$ 317.8 billion by 2027

Hydropower Generation Market Size projected to grow at a CAGR of 5.9% from 2020 to 2027.

OREGON, PORTLAND, UNITED STATES, May 16, 2023 /EINPresswire.com/ --

The global [hydropower generation market](#) was valued at \$202.4 billion in 2019, and is projected to reach \$317.8 billion by 2027, growing at a CAGR of 5.9% from 2020 to 2027. Hydropower generation, also known as hydroelectric power, is the process of converting the energy of flowing or falling water into electricity. It is a renewable energy source that has been used for centuries and continues to be one of the largest sources of electricity worldwide.

Hydropower offers several advantages, including:

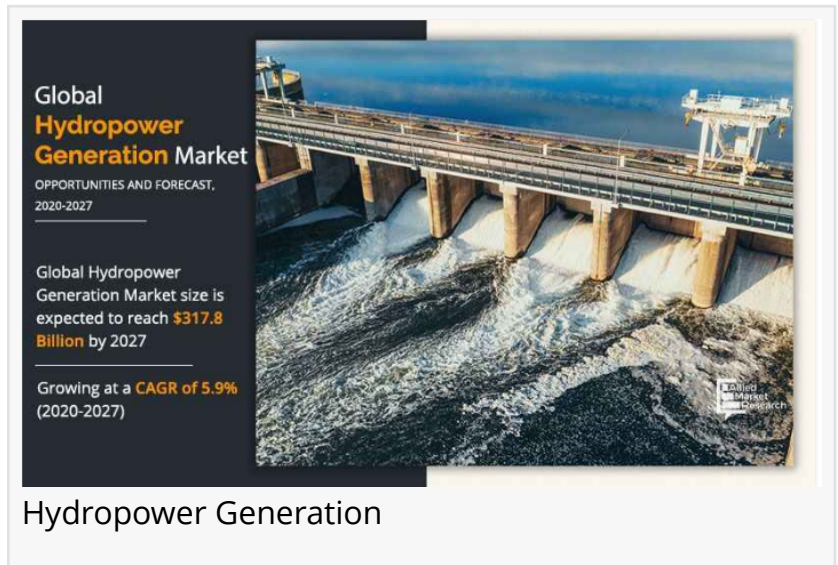
Renewable and clean: Hydropower relies on the water cycle, making it a renewable energy source that does not deplete water resources. It produces minimal greenhouse gas emissions and air pollutants compared to fossil fuel-based power generation.

Get Report Sample PDF: <https://www.alliedmarketresearch.com/request-sample/9821>

Reliable and flexible: Hydropower plants can quickly adjust their output to match fluctuations in electricity demand, making them highly flexible and suitable for providing baseload, peaking, or backup power.

Water management: Hydropower projects often involve the creation of reservoirs, which can provide water storage for irrigation, flood control, and recreational activities.

However, there are some considerations to take into account with hydropower generation,



Hydropower Generation

including potential environmental impacts such as the alteration of river ecosystems, fish migration disruption, and the displacement of communities when large reservoirs are created. The design and operation of hydropower projects are continually evolving to mitigate these impacts and maximize the benefits of this renewable energy source.

Key players operating in the global hydropower generation market include Andritz Hydro USA Inc., GE Energy, CPFL Energia S.A., Sinohydro Corporation, IHI Corporation, Alstom Hydro, China Hydroelectric Corporation, China Three Gorges Corporation, ABB Ltd, and Gerdau S.A.

Asia-Pacific dominated the global hydropower generation market with around 49.2% of the market share in terms of revenue. In addition, it is also estimated to display the highest growth rate, in terms of revenue, registering a CAGR of 6.2% from 2020 to 2027.

The medium hydro power plant (1MW - 10MW) segment is estimated to display the highest growth rate, in terms of revenue, registering a CAGR of 30.5% from 2020 to 2027.

The large hydro power plant (above 10MW) segment dominated the global market hydropower generation with around 65.0% of the market share in terms of revenue.

Buy This Report (230 Pages PDF with Insights, Charts, Tables, and Figures): <https://bit.ly/41ujEn2>

Rise in demand for clean energy across the globe and to reduce the dependency on conventional fossil fuel such as coal to generate the electricity has led to set up various hydroelectric power projects across the globe.

Governments of various countries have imposed stringent environmental policies to reduce the carbon footprint.

Various developed and developing countries such as the U.S., China, and India have closed their coal power stations and have invested heavily to install new hydropower generation stations for the generation of renewable power to meet the growing energy demand.

The demand for new hydropower is expected to surge significantly across the globe during the forecast period.

Hydropower is a form of renewable energy that uses the water stored in dams, as well as flowing in rivers to create electricity in hydropower plants.

The falling water rotates blades of a turbine, which then spins a generator that converts the mechanical energy of the spinning turbine into electrical energy. Hydropower is a significant component of electricity production worldwide.

COVID-19 analysis:

COVID-19 has grown to be a global health threat, impacting a hundred and forty nations and triggering the World Health Organization (WHO) to declaring it as a worldwide pandemic.

Governments have taken severe confinement measures, including shutting down of various power generation infrastructure development programs.

Enquiry Before Buying (230 Pages) Report PDF:

<https://www.alliedmarketresearch.com/purchase-enquiry/9821>

The construction of sanctioned and ongoing hydropower projects has been halted for indefinite period, which is expected to affect the growth of the market during the forecast period.

About Us

Allied Market Research (AMR) is a full-service market research and business-consulting wing of Allied Analytics LLP based in Portland, Oregon. Allied Market Research provides global enterprises as well as medium and small businesses with unmatched quality of "Market Research Reports" and "Business Intelligence Solutions." AMR has a targeted view to provide business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa

Allied Analytics LLP

+ +1-800-792-5285

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/633979798>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.