

I&R - The Global Hydropower Market Report 2018

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Hydropower is the most mature, reliable and cost-effective renewable power generation technology where power is derived from the energy of water moving from higher to lower elevations. It is a technology that is a long established method of generating electricity, especially in developed western countries. It is a proven, anticipated, and typically price-competitive technology. Hydropower has one of the best efficiencies of conversion of all known energy sources (water to wire 90 percent efficiency). In developing nations this resource is heavily underutilized and will therefore provide considerable growth opportunities, as demand for electricity increases to fuel growing industrialization. Though it requires comparatively high initial investment, it has a long service life with very low operational and maintenance costs.

The unique siting requirements of traditional underground hydropower facilities, however, present substantial development risk. Higher efficiency, next-generation hydropower technologies may not be limited by geological considerations are being commercialized.

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- 201 pages of comprehensive analysis
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- Global Hydropower market forecasts between 2018 and 2028
- Outlooks for selected Hydropower markets including:
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 - Europe
 - Euraisa
 - Asia-Pacific
 - Africa
 - Middle East
 - Latin America
 - Plus 56 countries located within these regions
- A Drivers & Restraints analysis examining the Hydropower market
- 82 key companies identified and profiled operating within the Hydropower Market.

You can order this report today and discover the latest market trends and uncover sources of future market growth for the Hydropower industry and gain an understanding of how to tap into the potential of this market by ordering The Global Hydropower Market 2018.

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Renewable and Low-Emission

Reliability and Longevity

Social and Environmental Benefits

Providing Energy Independence

Energy Management and Supply

Weaknesses

High Upfront Costs

Lengthy Lead-Times

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Pöyry Awarded Contract in Zambia

350-MW Abdelmoumen Pumped Storage in Morocco

Chinese-led JV Awarded Contracts For Malaysian Hydropower Project

SNC-Lavalin Awarded 10-MW Contract

Israel Hydro Pumped Storage

CCECC Awarded Nigerian Mambilla Dam Project

86-MW Solu Khola Nepal Hydroelectric Project

Hatta Hydroelectric Project

Snowy Mountains Pumped Storage Upgrade

Company Profiles

Hydropower Dam Operators

Acciona Energia, S.A.

Ameren Corporation

Avista Corporation

Brookfield Asset Management

China Yangtze Power Company (CYPC)

Dominion Energy, Inc

Duke Energy

EDF (Électricité de France)

Endesa

Enel

Elektroprivreda Srbije (EPS)

Hydro-Québec

Iberdrola

Idaho Power Company

Jaiprakash Power Ventures Limited (JPVL)

KenGen

Manitoba Hydro

MidAmerican Energy Holdings Company

National Hydroelectric Power Corporation (NHPC)

Ontario Power Generation (OPG)
Pacific Gas and Electric Company (PG&E)
RusHydro
RWE AG
SSE Plc
Southern California Edison Company (SCE)
Southern Company
Statkraft
Tennessee Valley Authority (TVA)
Tokyo Electric Power Company (TEPCO)
Tractebel Energia
Vattenfall
Verbund
Hydropower Service Companies:
ABB, Ltd.
Alstom Hydro S.L
American Hydro
Andritz Hydro GmbH
Ansaldo Energia
B. Maier Wasserkraft GmbH Anlagenbau
Bharat Heavy Electricals Limited (BHEL)
Bilfinger Berger
Black & Veatch Corporation
Chongqing Lisong Electromechanical Equipment Co., Ltd
DongFang Electric Corporation
Ebara Corp
Gilbert Gilkes & Gordon
Global Hydro Energy GmbH
Gugler Water Turbines GmbH
Harbin Power Equipment Company
Hitachi, Mitsubishi Electric and Mitsubishi Heavy Industries (MHI)
Hunan Lingling Hengyuan Generating Equipment Co., Ltd
HydroWorks Limited
Hyundai Ideal Electric Co
IMPISA International, Inc.
Ingeteam Energy, SA
Kirloskar Brothers, Ltd
Larsen & Toubro (L&T)
Litostroj Power d.o.o.
MarelliMotori
Mavel a.s.
Meidensha Corp
Mitsubishi Heavy Industries, Ltd.
Mott MacDonald
OJSC Power Machines
OJSC Turboatom
Orengine International, Ltd
Ossberger GmbH + Co
Parsons Peebles Generation, Ltd.
Pentair Inc
Rainpower Norway AS
Reivax Automação e Controle S/A
Sicmemotori SpA
Sinohydro
SPP Pumps

STE Energy
Sundyne Corp.
TES Vsetin A.S.
Toshiba Power Systems Company
UCM Resita Turbines
VAPTECH
Voith Hydro
Wasserkraft Volk AG
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ABB Ltd
Acciona Energia, S.A
AES Corporation
Alstom Hydro S.L
Ameren Corporation
American Hydro
Ansaldo Energia
Andritz AG
Avista Corporation
Aquila Capital
B. Maier Wasserkraft GmbH Anlagenbau
Bharat Heavy Electricals Limited (BHEL)
Bilfinger Berger
Black & Veatch Corporation
Brookfield Asset Management
China Yangtze Power Company (CYPC)
Chongqing Lisong Electromechanical Equipment Co., Ltd
Civil Engineering Construction Corporation (CCECC).
Dominion
DongFang Electric Corporation
Duke Energy
E.ON Wasserkraft
Ebara Corp
EDF (Electricite de France)
Electric Power Plants (EPP)
Elektroprivreda Srbije (EPS)
Emerson
Empresa Nacional de Electricidad (ENDE)
Empresa Nacional de Energia Electrica (ENEE)
Endesa
Enel
GDF Suez
GE Hydro
GE Renewables
Gilbert Gilkes & Gordon
Global Hydro Energy GmbH

Gravity Power LLC
Gugler Water Turbines GmbH
Gunung Hydropower Sdn. Bhd
Harbin Power Equipment Company
Hitachi, Mitsubishi Electric and Mitsubishi Heavy Industries (MHI)
Hunan Lingling Hengyuan Generating Equipment Co., Ltd
Hydro-Quebec
HydroWorks Limited
Hyundai Ideal Electric Co
Iberdrola
Idaho Power Company
IMPISA International, Inc.
Ingeteam Energy, SA
Irkutskenergo
Jaiprakash Power Ventures Limited (JPVL)
KenGen
Kirloskar Brothers, Ltd
Larsen & Toubro (L&T)
Latvenergo
Litostroj Power d.o.o
Manitoba Hydro
MarelliMotori
Mavel A.S.
Meidensha Corp
MidAmerican Energy Holdings Company
Mitsubishi Heavy Industries, Ltd
Mott MacDonald
National Hydroelectric Power Corporation (NHPC)
Nord Hydro
OJSC Power Machines
OJSC Turboatom
Ontario Power Generation (OPG)
Orengine International, Ltd
Ossberger GmbH + Co
Pacific Gas and Electric Company (PG&E)
Parsons Peebles Generation, Ltd
Pentair Inc
Pöyry
Rainpower Norway A.S.
Reivax Automação e Controle S/A
RusHydro
RWE AG
Sarawak Energy Berhad
Scottish and Southern Energy (SSE)
Sicmemotori SpA
Sinohydro Corporation
SNC-Lavalin
Southern California Edison Company (SCE)
South East Power Company
SPP Pumps
Statnett
Statkraft
STE Energy
Sundyne Corp
Tata Power

Tennessee Valley Authority (TVA)
TES Vsetin A.S
Tokyo Electric Power Company (TEPCO)
Toshiba Power Systems Company
Tractebel Energia
UCM Resita Turbine
VAPTECH
Vattenfall
Verbund
Vinci Construction
Voith Hydro
Wasserkraft Volk AG
Weir American Hydro
Zenergy
Zesco
Zhejiang Hydropower Construction and Installation Co
Organizations Mentioned
African Development Bank (AfDB)
Asian Development Bank-supported (ADB)
China Development Bank
Chinese Exim Bank
Eurasian Development Bank (EDB),
Inter-American Development Bank (IDB)-
International Hydropower Association (IHA)
International Investment Bank (IIB)
United Nations (UN)
United Nations Framework Convention on Climate Change (UNFCCC)
US Army Corps of Engineers (USACE)
US Department of Energy (DOE)
U.S. Energy Information Administration (EIA)
US Federal Energy Regulatory Commission (FERC)
World Bank
World Energy Council (WEC)

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