

The Global Pumped Hydro Storage (PHS) Market Report 2015

<https://marketpublishers.com/r/G3CE5C93323EN.html>

Date: July 2015

Pages: 173

Price: US\$ 2,425.00 (Single User License)

ID: G3CE5C93323EN

Abstracts

An essential attribute of any nation's electric power system is grid reliability - ensuring that electric generation matches electric demand in real-time. The primary challenge in ensuring reliability is that electricity has no shelf life - it must be generated when needed - and electricity demand continually changes, especially between daytime periods of peak demand and night-time periods of low demand. Due to the technology-cost gap of other storage technologies and other factors such as the growing penetration of renewables, pumped hydro is resurging globally: in China and Europe, and it is again being considered in Japan, Canada, and the US.

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Malaysia

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Nigeria

Kazakhstan

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Turbines

ABB, Ltd.

Alstom Hydro S.L

Andritz Hydro GmbH

Ansaldo Energia

B. Maier Wasserkraft GmbH Anlagenbau

Bharat Heavy Electricals, Ltd
Chongqing Lisong Electromechanical Equipment Co., Ltd
Dongfang Electric Co., Ltd
Ebara Corp
Gilbert Gilkes & Gordon, Ltd.
Global Hydro Energy GmbH
Gravity Power LLC
Gugler Water Turbines GmbH
Harbin Electric Machinery Co., Ltd
Hitachi, Ltd. Power Systems Co
Hunan Lingling Hengyuan Generating Equipment Co., Ltd
HydroWorks Limited
Hyundai Ideal Electric Co
IMPISA International, Inc.
Ingeteam Energy, SA
JSC Turbo Engineering-Ruselprom
Kirloskar Brothers, Ltd
Litostroj Power d.o.o.
MarelliMotori
Mavel a.s.
Meidensha Corp
Mitsubishi Heavy Industries, Ltd.
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
SPP Pumps
STE Energy
Sundyne Corp.
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ABB, Ltd.
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Alstom Hydro China
Andritz Hydro GmbH
Ansaldo Energia
B. Maier Wasserkraft GmbH Anlagenbau
Bharat Heavy Electricals, Ltd
China National Electric Engineering Co., Ltd
Chongqing Lisong Electromechanical Equipment Co., Ltd
Dongfang Electric Co., Ltd
Ebara Corp
Gilbert Gilkes & Gordon, Ltd.
Global Hydro Energy GmbH
Gravity Power LLC
Gugler Water Turbines GmbH
Harbin Electric Machinery Co., Ltd
Hitachi, Ltd. Power Systems Co
Hunan Lingling Hengyuan Generating Equipment Co., Ltd
HydroWorks Limited
Hyundai Ideal Electric Co
IMPISA International, Inc.
Ingeteam Energy, SA
JSC Turbo Engineering-Ruselprom
Kirloskar Brothers, Ltd
Litostroj Power
MarelliMotori SpA
Mavel a.s.

Meidensha Corp
Mitsubishi Electric
OJSC Power Machines
OJSC Turboatom
Orengine International, Ltd
Ossberger GmbH
Parsons Peebles Generation, Ltd
Pacific Gas and Electric
Pentair plc
Rainpower Norway AS
Reivax Automação e Controle S/A
Sicmemotori SpA
Societe Electrique de l'Our S.A.
SPP Pumps
STE energy
Sundyne Corp
TES Vsetin A.S.
Toshiba's Power Systems Co
UCM Resita Turbines
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Voith Hydro GmbH
Wasserkraft Volk AG
Weir American Hydro

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