

Global Hydro-Pumped Storage Plants Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/GCE5557D08DEN.html>

Date: September 2018

Pages: 122

Price: US\$ 3,480.00 (Single User License)

ID: GCE5557D08DEN

Abstracts

Hydro-pumped Storage is an altered use of conventional hydropower technology to store and manage energy. Hydro pumped storage projects store electricity by circulating water between an upper and lower reservoir. The electric energy is converted to potential energy and stored in the form of water at an upper elevation. Pumping the water uphill for temporary storage recharges the battery and during periods of high electricity demand the stored water is released back through the turbines and converted back to electricity like a conventional hydropower station.

Scope of the Report:

This report focuses on the Hydro-Pumped Storage Plants in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The increasing demand for energy storage systems and the emergence of ancillary services are two of the primary factors that are driving the global market for hydro-pumped storage plants. It has also been noted that hydro-pumped storage is gaining traction because of the increased importance of grid stability, along with the need for load balancing and energy storage. Moreover, the requirement of alternative energy sources with black start capability, reactive power generation, and an ability to operate as a spinning reserve are other factors that augur well for the future of this market during the forecast period.

Conversely, the most prominent restraint on the hydro-pumped storage plants market, according to the report, is the requirement of large bodies of water wherever these

plants are set up. Additionally, not all locations are ideal for the height variation that is required between two reservoirs for the proper functioning of hydro-pumped storage plants. However, the report finds that the requirement of height variations can be easily overcome via manmade alterations to the topography, which results in a desired size and height measurement. As the pressure mounts on electrical grids globally to cater to the ever-growing demand for energy, the demand for ancillary services is increasing.

The worldwide market for Hydro-Pumped Storage Plants is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

ABB

Alstom

Gugler

Voith hydro

Hong Kong Pumped Storage Development Company Limited

Sulzer

Toshiba Corp

Tractebel Engineering

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Single Reversible Pump Turbines

Separate Pump

Turbine Generators

Market Segment by Applications, can be divided into

Energy Balancing

Stability

Storage Capacity

Ancillary Grid Services

There are 15 Chapters to deeply display the global Hydro-Pumped Storage Plants market.

Chapter 1, to describe Hydro-Pumped Storage Plants Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Hydro-Pumped Storage Plants, with sales, revenue, and price of Hydro-Pumped Storage Plants, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Hydro-Pumped Storage Plants, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Hydro-Pumped Storage Plants market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Hydro-Pumped Storage Plants sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Hydro-Pumped Storage Plants Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Single Reversible Pump Turbines
 - 1.2.2 Separate Pump
 - 1.2.3 Turbine Generators
- 1.3 Market Analysis by Applications
 - 1.3.1 Energy Balancing
 - 1.3.2 Stability
 - 1.3.3 Storage Capacity
 - 1.3.4 Ancillary Grid Services
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities

1.5.2 Market Risk

1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 ABB

2.1.1 Business Overview

2.1.2 Hydro-Pumped Storage Plants Type and Applications

2.1.2.1 Product A

2.1.2.2 Product B

2.1.3 ABB Hydro-Pumped Storage Plants Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2 Alstom

2.2.1 Business Overview

2.2.2 Hydro-Pumped Storage Plants Type and Applications

2.2.2.1 Product A

2.2.2.2 Product B

2.2.3 Alstom Hydro-Pumped Storage Plants Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3 Gugler

2.3.1 Business Overview

2.3.2 Hydro-Pumped Storage Plants Type and Applications

2.3.2.1 Product A

2.3.2.2 Product B

2.3.3 Gugler Hydro-Pumped Storage Plants Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4 Voith hydro

2.4.1 Business Overview

2.4.2 Hydro-Pumped Storage Plants Type and Applications

2.4.2.1 Product A

2.4.2.2 Product B

2.4.3 Voith hydro Hydro-Pumped Storage Plants Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5 Hong Kong Pumped Storage Development Company Limited

2.5.1 Business Overview

2.5.2 Hydro-Pumped Storage Plants Type and Applications

2.5.2.1 Product A

2.5.2.2 Product B

2.5.3 Hong Kong Pumped Storage Development Company Limited Hydro-Pumped

Storage Plants Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6 Sulzer

2.6.1 Business Overview

2.6.2 Hydro-Pumped Storage Plants Type and Applications

2.6.2.1 Product A

2.6.2.2 Product B

2.6.3 Sulzer Hydro-Pumped Storage Plants Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7 Toshiba Corp

2.7.1 Business Overview

2.7.2 Hydro-Pumped Storage Plants Type and Applications

2.7.2.1 Product A

2.7.2.2 Product B

2.7.3 Toshiba Corp Hydro-Pumped Storage Plants Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8 Tractebel Engineering

2.8.1 Business Overview

2.8.2 Hydro-Pumped Storage Plants Type and Applications

2.8.2.1 Product A

2.8.2.2 Product B

2.8.3 Tractebel Engineering Hydro-Pumped Storage Plants Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL HYDRO-PUMPED STORAGE PLANTS SALES, REVENUE, MARKET SHARE AND COMPETITION BY MANUFACTURER (2016-2017)

3.1 Global Hydro-Pumped Storage Plants Sales and Market Share by Manufacturer (2016-2017)

3.2 Global Hydro-Pumped Storage Plants Revenue and Market Share by Manufacturer (2016-2017)

3.3 Market Concentration Rate

3.3.1 Top 3 Hydro-Pumped Storage Plants Manufacturer Market Share in 2017

3.3.2 Top 6 Hydro-Pumped Storage Plants Manufacturer Market Share in 2017

3.4 Market Competition Trend

4 GLOBAL HYDRO-PUMPED STORAGE PLANTS MARKET ANALYSIS BY REGIONS

4.1 Global Hydro-Pumped Storage Plants Sales, Revenue and Market Share by

Regions

4.1.1 Global Hydro-Pumped Storage Plants Sales and Market Share by Regions (2013-2018)

4.1.2 Global Hydro-Pumped Storage Plants Revenue and Market Share by Regions (2013-2018)

4.2 North America Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

4.3 Europe Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

4.4 Asia-Pacific Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

4.5 South America Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

4.6 Middle East and Africa Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

5 NORTH AMERICA HYDRO-PUMPED STORAGE PLANTS BY COUNTRIES

5.1 North America Hydro-Pumped Storage Plants Sales, Revenue and Market Share by Countries

5.1.1 North America Hydro-Pumped Storage Plants Sales and Market Share by Countries (2013-2018)

5.1.2 North America Hydro-Pumped Storage Plants Revenue and Market Share by Countries (2013-2018)

5.2 United States Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

5.3 Canada Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

5.4 Mexico Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

6 EUROPE HYDRO-PUMPED STORAGE PLANTS BY COUNTRIES

6.1 Europe Hydro-Pumped Storage Plants Sales, Revenue and Market Share by Countries

6.1.1 Europe Hydro-Pumped Storage Plants Sales and Market Share by Countries (2013-2018)

6.1.2 Europe Hydro-Pumped Storage Plants Revenue and Market Share by Countries (2013-2018)

6.2 Germany Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

6.3 UK Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

6.4 France Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

6.5 Russia Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

6.6 Italy Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

7 ASIA-PACIFIC HYDRO-PUMPED STORAGE PLANTS BY COUNTRIES

7.1 Asia-Pacific Hydro-Pumped Storage Plants Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Hydro-Pumped Storage Plants Sales and Market Share by Countries (2013-2018)

7.1.2 Asia-Pacific Hydro-Pumped Storage Plants Revenue and Market Share by Countries (2013-2018)

7.2 China Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

7.3 Japan Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

7.4 Korea Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

7.5 India Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

7.6 Southeast Asia Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

8 SOUTH AMERICA HYDRO-PUMPED STORAGE PLANTS BY COUNTRIES

8.1 South America Hydro-Pumped Storage Plants Sales, Revenue and Market Share by Countries

8.1.1 South America Hydro-Pumped Storage Plants Sales and Market Share by Countries (2013-2018)

8.1.2 South America Hydro-Pumped Storage Plants Revenue and Market Share by Countries (2013-2018)

8.2 Brazil Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

8.3 Argentina Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

8.4 Colombia Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA HYDRO-PUMPED STORAGE PLANTS BY COUNTRIES

9.1 Middle East and Africa Hydro-Pumped Storage Plants Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa Hydro-Pumped Storage Plants Sales and Market Share by Countries (2013-2018)

9.1.2 Middle East and Africa Hydro-Pumped Storage Plants Revenue and Market Share by Countries (2013-2018)

9.2 Saudi Arabia Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

9.3 UAE Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

9.4 Egypt Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

9.5 Nigeria Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

9.6 South Africa Hydro-Pumped Storage Plants Sales and Growth Rate (2013-2018)

10 GLOBAL HYDRO-PUMPED STORAGE PLANTS MARKET SEGMENT BY TYPE

10.1 Global Hydro-Pumped Storage Plants Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global Hydro-Pumped Storage Plants Sales and Market Share by Type (2013-2018)

10.1.2 Global Hydro-Pumped Storage Plants Revenue and Market Share by Type (2013-2018)

10.2 Single Reversible Pump Turbines Sales Growth and Price

10.2.1 Global Single Reversible Pump Turbines Sales Growth (2013-2018)

10.2.2 Global Single Reversible Pump Turbines Price (2013-2018)

10.3 Separate Pump Sales Growth and Price

10.3.1 Global Separate Pump Sales Growth (2013-2018)

10.3.2 Global Separate Pump Price (2013-2018)

10.4 Turbine Generators Sales Growth and Price

10.4.1 Global Turbine Generators Sales Growth (2013-2018)

10.4.2 Global Turbine Generators Price (2013-2018)

11 GLOBAL HYDRO-PUMPED STORAGE PLANTS MARKET SEGMENT BY APPLICATION

11.1 Global Hydro-Pumped Storage Plants Sales Market Share by Application (2013-2018)

11.2 Energy Balancing Sales Growth (2013-2018)

11.3 Stability Sales Growth (2013-2018)

11.4 Storage Capacity Sales Growth (2013-2018)

11.5 Ancillary Grid Services Sales Growth (2013-2018)

12 HYDRO-PUMPED STORAGE PLANTS MARKET FORECAST (2018-2023)

12.1 Global Hydro-Pumped Storage Plants Sales, Revenue and Growth Rate (2018-2023)

12.2 Hydro-Pumped Storage Plants Market Forecast by Regions (2018-2023)

12.2.1 North America Hydro-Pumped Storage Plants Market Forecast (2018-2023)

12.2.2 Europe Hydro-Pumped Storage Plants Market Forecast (2018-2023)

12.2.3 Asia-Pacific Hydro-Pumped Storage Plants Market Forecast (2018-2023)

12.2.4 South America Hydro-Pumped Storage Plants Market Forecast (2018-2023)

12.2.5 Middle East and Africa Hydro-Pumped Storage Plants Market Forecast

(2018-2023)

12.3 Hydro-Pumped Storage Plants Market Forecast by Type (2018-2023)

12.3.1 Global Hydro-Pumped Storage Plants Sales Forecast by Type (2018-2023)

12.3.2 Global Hydro-Pumped Storage Plants Market Share Forecast by Type

(2018-2023)

12.4 Hydro-Pumped Storage Plants Market Forecast by Application (2018-2023)

12.4.1 Global Hydro-Pumped Storage Plants Sales Forecast by Application

(2018-2023)

12.4.2 Global Hydro-Pumped Storage Plants Market Share Forecast by Application

(2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Hydro-Pumped Storage Plants Picture

Table Product Specifications of Hydro-Pumped Storage Plants

Figure Global Sales Market Share of Hydro-Pumped Storage Plants by Types in 2017

Table Hydro

I would like to order

Product name: Global Hydro-Pumped Storage Plants Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

Product link: <https://marketpublishers.com/r/GCE5557D08DEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCE5557D08DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

