

# **Utility-scale Electricity Storage Global Market Outlook - Trends, Forecast, and Opportunity Assessment (2014-2022)**

<https://marketpublishers.com/r/UB87298DD1FEN.html>

Date: September 2015

Pages: 110

Price: US\$ 4,150.00 (Single User License)

ID: UB87298DD1FEN

## **Abstracts**

The Global Utility-Scale Electricity Storage market is accounted for \$11.3 billion in 2014 and is expected to grow at a CAGR of 16.04% to reach \$38.1 billion by 2022. The market is estimated to grow due to increase in global demand for electricity. The U.S. commanding the largest share, followed by China, Japan and Germany. Demand for battery energy storage systems (BESS) is driven by the need for grid modernization owing to increased usage of renewable energies and new regulatory policies. Growth in the electric vehicle and consumer electronics market are also playing a crucial role. The major viable Utility-Scale Electricity Storage (UES) technologies are presently being implemented in the power generation industry. These technologies are executed to temporarily store electricity during available generation capacity, to further use during periods of increased demand, in support of grid balancing and load leveling.

Global Utility-Scale Electricity Storage market is mainly segmented by organization, by technology, by products and components and by geography. Based on organization, market is segmented into engineering and project management contractors, component manufacturers and fabricators, raw materials producers, utility-scale electricity storage developers, construction and procurement contractors. Based on technology, market is classified into Compressed Air Energy Storage (CAES), Pumped Hydrologic Storage (PHS), and Grid Scale Battery Energy Storage (BES). Based on products and components, market is categorized into injection pumps, wellheads, compressors, expanders, gas turbines, hydro turbines, dams, centrifugal pumps, and others. Based on geography, market is segmented into North America, Europe, Asia Pacific, and Rest of the World.

The key players in the Utility-Scale Electricity Storage market include, AES Energy

storage, Alevo, LG Chem, Oncor, GE Energy storage, Beacon Power LLC, CODA Energy LLC, E.ON, Emera Inc, and HDR Inc.

## **WHAT OUR REPORT OFFERS:**

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 8 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Research Scope
- 2.3 Research Methodology
- 2.4 Research Sources

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

### **5 GLOBAL UTILITY-SCALE ELECTRICITY STORAGE MARKET, BY ORGANIZATION**

- 5.1 Introduction
- 5.2 Engineering and Project Management Contractors
- 5.3 Component Manufacturers and Fabricators
- 5.4 Raw Materials Producers
- 5.5 Utility-Scale Electricity Storage Developers
- 5.6 Construction and Procurement Contractors

### **6 GLOBAL UTILITY-SCALE ELECTRICITY STORAGE MARKET, BY TECHNOLOGY**

- 6.1 Introduction
- 6.2 Compressed Air Energy Storage (CAES)
- 6.3 Pumped Hydrologic Storage (PHS)
- 6.4 Grid Scale Battery Energy Storage (BES)

## **7 GLOBAL UTILITY-SCALE ELECTRICITY STORAGE MARKET, BY PRODUCTS AND COMPONENTS**

- 7.1 Introduction
- 7.2 Injection pumps
- 7.3 Wellheads
- 7.4 Compressors
- 7.5 Expanders
- 7.6 Gas turbines
- 7.7 Hydro turbines
- 7.8 Dams
- 7.9 Centrifugal pumps
- 7.10 Others

## **8 GLOBAL UTILITY-SCALE ELECTRICITY STORAGE MARKET, BY GEOGRAPHY**

- 8.1 North America
  - 8.1.1 US
  - 8.1.2 Canada
- 8.2 Europe
  - 8.2.1 Germany
  - 8.2.2 France
  - 8.2.3 Italy
  - 8.2.4 UK
  - 8.2.5 Spain
- 8.3 Asia Pacific
  - 8.3.1 Japan
  - 8.3.2 China
  - 8.3.3 India
  - 8.3.4 Australia
  - 8.3.5 New Zealand
  - 8.3.6 Rest of Asia
- 8.4 Rest of the World
  - 8.4.1 Latin America

8.4.2 Middle East

8.4.3 Africa

8.4.4 Others

## **9 KEY DEVELOPMENTS**

9.1 Agreements, Partnerships, Collaborations and Joint Ventures

9.2 Acquisitions & Mergers

9.3 New Product Launch

9.4 Expansions

9.5 Other Key Strategies

## **10 COMPANY PROFILING**

10.1 AES Energy storage

10.2 Alevo

10.3 LG Chem

10.4 Oncor

10.5 GE Energy storage

10.6 Beacon Power LLC

10.7 CODA Energy LLC

10.8 E.ON

10.9 Emera inc.

10.10 HDR Inc

## List Of Tables

### LIST OF TABLES

- 1 Global Utility-scale Electricity Storage Market Outlook, By Organization (2012-2022) (\$MN)
- 2 Global Utility-scale Electricity Storage Market Outlook, By Engineering and Project Management Contractors (2012-2022) (\$MN)
- 3 Global Utility-scale Electricity Storage Market Outlook, By Component Manufacturers and Fabricators (2012-2022) (\$MN)
- 4 Global Utility-scale Electricity Storage Market Outlook, By Raw Materials Producers (2012-2022) (\$MN)
- 5 Global Utility-scale Electricity Storage Market Outlook, By Utility-Scale Electricity Storage Developers (2012-2022) (\$MN)
- 6 Global Utility-scale Electricity Storage Market Outlook, By Construction and Procurement Contractors (2012-2022) (\$MN)
- 7 Global Utility-scale Electricity Storage Market Outlook, By Technology (2012-2022) (\$MN)
- 8 Global Utility-scale Electricity Storage Market Outlook, By Compressed Air Energy Storage (CAES) (2012-2022) (\$MN)
- 9 Global Utility-scale Electricity Storage Market Outlook, By Pumped Hydrologic Storage (PHS) (2012-2022) (\$MN)
- 10 Global Utility-scale Electricity Storage Market Outlook, By Grid Scale Battery Energy Storage (BES) (2012-2022) (\$MN)
- 11 Global Utility-scale Electricity Storage Market Outlook, By Products and Components (2012-2022) (\$MN)
- 12 Global Utility-scale Electricity Storage Market Outlook, By Injection pumps (2012-2022) (\$MN)
- 13 Global Utility-scale Electricity Storage Market Outlook, By Wellheads (2012-2022) (\$MN)
- 14 Global Utility-scale Electricity Storage Market Outlook, By Compressors (2012-2022) (\$MN)
- 15 Global Utility-scale Electricity Storage Market Outlook, By Expanders (2012-2022) (\$MN)
- 16 Global Utility-scale Electricity Storage Market Outlook, By Gas turbines (2012-2022) (\$MN)
- 17 Global Utility-scale Electricity Storage Market Outlook, By Hydro turbines (2012-2022) (\$MN)
- 18 Global Utility-scale Electricity Storage Market Outlook, By Dams (2012-2022) (\$MN)

- 19 Global Utility-scale Electricity Storage Market Outlook, By Centrifugal pumps (2012-2022) (\$MN)
- 20 Global Utility-scale Electricity Storage Market Outlook, By Others (2012-2022) (\$MN)
- 21 North America Utility-scale Electricity Storage Market Outlook, By Organization (2012-2022) (\$MN)
- 22 North America Utility-scale Electricity Storage Market Outlook, By Engineering and Project Management Contractors (2012-2022) (\$MN)
- 23 North America Utility-scale Electricity Storage Market Outlook, By Component Manufacturers and Fabricators (2012-2022) (\$MN)
- 24 North America Utility-scale Electricity Storage Market Outlook, By Raw Materials Producers (2012-2022) (\$MN)
- 25 North America Utility-scale Electricity Storage Market Outlook, By Utility-Scale Electricity Storage Developers (2012-2022) (\$MN)
- 26 North America Utility-scale Electricity Storage Market Outlook, By Construction and Procurement Contractors (2012-2022) (\$MN)
- 27 North America Utility-scale Electricity Storage Market Outlook, By Technology (2012-2022) (\$MN)
- 28 North America Utility-scale Electricity Storage Market Outlook, By Compressed Air Energy Storage (CAES) (2012-2022) (\$MN)
- 29 North America Utility-scale Electricity Storage Market Outlook, By Pumped Hydrologic Storage (PHS) (2012-2022) (\$MN)
- 30 North America Utility-scale Electricity Storage Market Outlook, By Grid Scale Battery Energy Storage (BES) (2012-2022) (\$MN)
- 31 North America Utility-scale Electricity Storage Market Outlook, By Products and Components (2012-2022) (\$MN)
- 32 North America Utility-scale Electricity Storage Market Outlook, By Injection pumps (2012-2022) (\$MN)
- 33 North America Utility-scale Electricity Storage Market Outlook, By Wellheads (2012-2022) (\$MN)
- 34 North America Utility-scale Electricity Storage Market Outlook, By Compressors (2012-2022) (\$MN)
- 35 North America Utility-scale Electricity Storage Market Outlook, By Expanders (2012-2022) (\$MN)
- 36 North America Utility-scale Electricity Storage Market Outlook, By Gas turbines (2012-2022) (\$MN)
- 37 North America Utility-scale Electricity Storage Market Outlook, By Hydro turbines (2012-2022) (\$MN)
- 38 North America Utility-scale Electricity Storage Market Outlook, By Dams (2012-2022) (\$MN)

- 39 North America Utility-scale Electricity Storage Market Outlook, By Centrifugal pumps (2012-2022) (\$MN)
- 40 North America Utility-scale Electricity Storage Market Outlook, By Others (2012-2022) (\$MN)
- 41 Europe Utility-scale Electricity Storage Market Outlook, By Organization (2012-2022) (\$MN)
- 42 Europe Utility-scale Electricity Storage Market Outlook, By Engineering and Project Management Contractors (2012-2022) (\$MN)
- 43 Europe Utility-scale Electricity Storage Market Outlook, By Component Manufacturers and Fabricators (2012-2022) (\$MN)
- 44 Europe Utility-scale Electricity Storage Market Outlook, By Raw Materials Producers (2012-2022) (\$MN)
- 45 Europe Utility-scale Electricity Storage Market Outlook, By Utility-Scale Electricity Storage Developers (2012-2022) (\$MN)
- 46 Europe Utility-scale Electricity Storage Market Outlook, By Construction and Procurement Contractors (2012-2022) (\$MN)
- 47 Europe Utility-scale Electricity Storage Market Outlook, By Technology (2012-2022) (\$MN)
- 48 Europe Utility-scale Electricity Storage Market Outlook, By Compressed Air Energy Storage (CAES) (2012-2022) (\$MN)
- 49 Europe Utility-scale Electricity Storage Market Outlook, By Pumped Hydrologic Storage (PHS) (2012-2022) (\$MN)
- 50 Europe Utility-scale Electricity Storage Market Outlook, By Grid Scale Battery Energy Storage (BES) (2012-2022) (\$MN)
- 51 Europe Utility-scale Electricity Storage Market Outlook, By Products and Components (2012-2022) (\$MN)
- 52 Europe Utility-scale Electricity Storage Market Outlook, By Injection pumps (2012-2022) (\$MN)
- 53 Europe Utility-scale Electricity Storage Market Outlook, By Wellheads (2012-2022) (\$MN)
- 54 Europe Utility-scale Electricity Storage Market Outlook, By Compressors (2012-2022) (\$MN)
- 55 Europe Utility-scale Electricity Storage Market Outlook, By Expanders (2012-2022) (\$MN)
- 56 Europe Utility-scale Electricity Storage Market Outlook, By Gas turbines (2012-2022) (\$MN)
- 57 Europe Utility-scale Electricity Storage Market Outlook, By Hydro turbines (2012-2022) (\$MN)
- 58 Europe Utility-scale Electricity Storage Market Outlook, By Dams (2012-2022) (\$MN)



59 Europe Utility-scale Electricity Storage Market Outlook, By Centrifugal pumps (2012-2022) (\$MN)

60 Europe Utility-scale Electricity Storage Market Outlook, By Others (2012-2022) (\$MN)

61 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Organization (2012-2022) (\$MN)

62 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Engineering and Project Management Contractors (2012-2022) (\$MN)

63 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Component Manufacturers and Fabricators (2012-2022) (\$MN)

64 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Raw Materials Producers (2012-2022) (\$MN)

65 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Utility-Scale Electricity Storage Developers (2012-2022) (\$MN)

66 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Construction and Procurement Contractors (2012-2022) (\$MN)

67 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Technology (2012-2022) (\$MN)

68 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Compressed Air Energy Storage (CAES) (2012-2022) (\$MN)

69 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Pumped Hydrologic Storage (PHS) (2012-2022) (\$MN)

70 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Grid Scale Battery Energy Storage (BES) (2012-2022) (\$MN)

71 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Products and Components (2012-2022) (\$MN)

72 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Injection pumps (2012-2022) (\$MN)

73 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Wellheads (2012-2022) (\$MN)

74 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Compressors (2012-2022) (\$MN)

75 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Expanders (2012-2022) (\$MN)

76 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Gas turbines (2012-2022) (\$MN)

77 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Hydro turbines (2012-2022) (\$MN)

78 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Dams (2012-2022)

(\$MN)

79 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Centrifugal pumps (2012-2022) (\$MN)

80 Asia Pacific Utility-scale Electricity Storage Market Outlook, By Others (2012-2022) (\$MN)

81 Rest of the World Utility-scale Electricity Storage Market Outlook, By Organization (2012-2022) (\$MN)

82 Rest of the World Utility-scale Electricity Storage Market Outlook, By Engineering and Project Management Contractors (2012-2022) (\$MN)

83 Rest of the World Utility-scale Electricity Storage Market Outlook, By Component Manufacturers and Fabricators (2012-2022) (\$MN)

84 Rest of the World Utility-scale Electricity Storage Market Outlook, By Raw Materials Producers (2012-2022) (\$MN)

85 Rest of the World Utility-scale Electricity Storage Market Outlook, By Utility-Scale Electricity Storage Developers (2012-2022) (\$MN)

86 Rest of the World Utility-scale Electricity Storage Market Outlook, By Construction and Procurement Contractors (2012-2022) (\$MN)

87 Rest of the World Utility-scale Electricity Storage Market Outlook, By Technology (2012-2022) (\$MN)

88 Rest of the World Utility-scale Electricity Storage Market Outlook, By Compressed Air Energy Storage (CAES) (2012-2022) (\$MN)

89 Rest of the World Utility-scale Electricity Storage Market Outlook, By Pumped Hydrologic Storage (PHS) (2012-2022) (\$MN)

90 Rest of the World Utility-scale Electricity Storage Market Outlook, By Grid Scale Battery Energy Storage (BES) (2012-2022) (\$MN)

91 Rest of the World Utility-scale Electricity Storage Market Outlook, By Products and Components (2012-2022) (\$MN)

92 Rest of the World Utility-scale Electricity Storage Market Outlook, By Injection pumps (2012-2022) (\$MN)

93 Rest of the World Utility-scale Electricity Storage Market Outlook, By Wellheads (2012-2022) (\$MN)

94 Rest of the World Utility-scale Electricity Storage Market Outlook, By Compressors (2012-2022) (\$MN)

95 Rest of the World Utility-scale Electricity Storage Market Outlook, By Expanders (2012-2022) (\$MN)

96 Rest of the World Utility-scale Electricity Storage Market Outlook, By Gas turbines (2012-2022) (\$MN)

97 Rest of the World Utility-scale Electricity Storage Market Outlook, By Hydro turbines (2012-2022) (\$MN)

98 Rest of the World Utility-scale Electricity Storage Market Outlook, By Dams  
(2012-2022) (\$MN)

99 Rest of the World Utility-scale Electricity Storage Market Outlook, By Centrifugal  
pumps (2012-2022) (\$MN)

100 Rest of the World Utility-scale Electricity Storage Market Outlook, By Others  
(2012-2022) (\$MN)

## I would like to order

Product name: Utility-scale Electricity Storage Global Market Outlook - Trends, Forecast, and Opportunity Assessment (2014-2022)

Product link: <https://marketpublishers.com/r/UB87298DD1FEN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/UB87298DD1FEN.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

