

# High Temperature Energy Storage Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

https://marketpublishers.com/r/H701F224178EEN.html

Date: November 2020

Pages: 86

Price: US\$ 2,800.00 (Single User License)

ID: H701F224178EEN

# **Abstracts**

# **SUMMARY**

Further key aspects of the report indicate that:

Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology

Chapter 2: Global Industry Summary

Chapter 3: Market Dynamics

Chapter 4: Global Market Segmentation by region, type and End-Use

Chapter 5: North America Market Segmentation by region, type and End-Use

Chapter 6: Europe Market Segmentation by region, type and End-Use

Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use

Chapter 8: South America Market Segmentation by region, type and End-Use

Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.

Chapter 10: Market Competition by Companies

Chapter 11: Market forecast and environment forecast.

Chapter 12: Industry Summary

The global High Temperature Energy Storage market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product, the global High Temperature Energy Storage market segmented into

**Grid Load Leveling** 



# Sodium-metal halide (NaMx) Batteries

Molten salt thermal energy storage (TES) Systems

Based on the end-use, the global High Temperature Energy Storage market classified into

**Grid Load Leveling** 

Stationary Storage

Concentrated Solar Power (CSP)

Others

Based on geography, the global High Temperature Energy Storage market segmented into

North America [U.S., Canada, Mexico]

Europe [Germany, UK, France, Italy, Rest of Europe]

Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific]

South America [Brazil, Argentina, Rest of Latin America]

Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East and Africa]

And the major players included in the report are

ABENGOA SOLAR

Siemens



SolarReserve	
GE	
Bright Source	
NGK Insulators	
Archimede Solar Energy	
Linde	
TSK Flagsol	
Idhelio	
Sunhome	



# **Contents**

#### 1 RESEARCH SCOPE

- 1.1 Research Product Definition
- 1.2 Research Segmentation
  - 1.2.1 Product Type
  - 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

#### 2 GLOBAL HIGH TEMPERATURE ENERGY STORAGE INDUSTRY

- 2.1 Summary about High Temperature Energy Storage Industry
- 2.2 High Temperature Energy Storage Market Trends
- 2.2.1 High Temperature Energy Storage Production & Consumption Trends
- 2.2.2 High Temperature Energy Storage Demand Structure Trends
- 2.3 High Temperature Energy Storage Cost & Price

#### **3 MARKET DYNAMICS**

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
  - 3.2.1 Drivers
  - 3.2.2 Restraints
  - 3.2.3 Opportunity
  - 3.2.4 Risk

#### **4 GLOBAL MARKET SEGMENTATION**

- 4.1 Region Segmentation (2017 to 2021f)
  - 4.1.1 North America (U.S., Canada and Mexico)
  - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
- 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
  - 4.1.4 South America (Brazil, Argentina, Rest of Latin America)
- 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)
- 4.2 Product Type Segmentation (2017 to 2021f)



- 4.2.1 Sodium-sulfur (NaS) Batteries
- 4.2.2 Sodium-metal halide (NaMx) Batteries
- 4.2.3 Molten salt thermal energy storage (TES) Systems
- 4.3 Consumption Segmentation (2017 to 2021f)
  - 4.3.1 Grid Load Leveling
  - 4.3.2 Stationary Storage
- 4.3.3 Concentrated Solar Power (CSP)
- 4.3.4 Others

#### **5 NORTH AMERICA MARKET SEGMENT**

- 5.1 Region Segmentation (2017 to 2021f)
  - 5.1.1 U.S.
  - 5.1.2 Canada
  - 5.1.3 Mexico
- 5.2 Product Type Segmentation (2017 to 2021f)
  - 5.2.1 Sodium-sulfur (NaS) Batteries
  - 5.2.2 Sodium-metal halide (NaMx) Batteries
  - 5.2.3 Molten salt thermal energy storage (TES) Systems
- 5.3 Consumption Segmentation (2017 to 2021f)
  - 5.3.1 Grid Load Leveling
  - 5.3.2 Stationary Storage
  - 5.3.3 Concentrated Solar Power (CSP)
  - 5.3.4 Others
- 5.4 Impact of COVID-19 in North America

#### **6 EUROPE MARKET SEGMENTATION**

- 6.1 Region Segmentation (2017 to 2021f)
  - 6.1.1 Germany
  - 6.1.2 UK
  - 6.1.3 France
  - 6.1.4 Italy
  - 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)
  - 6.2.1 Sodium-sulfur (NaS) Batteries
  - 6.2.2 Sodium-metal halide (NaMx) Batteries
  - 6.2.3 Molten salt thermal energy storage (TES) Systems
- 6.3 Consumption Segmentation (2017 to 2021f)



- 6.3.1 Grid Load Leveling
- 6.3.2 Stationary Storage
- 6.3.3 Concentrated Solar Power (CSP)
- 6.3.4 Others
- 6.4 Impact of COVID-19 in Europe

# **7 ASIA-PACIFIC MARKET SEGMENTATION**

- 7.1 Region Segmentation (2017 to 2021f)
  - 7.1.1 China
  - 7.1.2 India
  - 7.1.3 Japan
  - 7.1.4 South Korea
  - 7.1.5 Southeast Asia
  - 7.1.6 Australia
  - 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
  - 7.2.1 Sodium-sulfur (NaS) Batteries
  - 7.2.2 Sodium-metal halide (NaMx) Batteries
  - 7.2.3 Molten salt thermal energy storage (TES) Systems
- 7.3 Consumption Segmentation (2017 to 2021f)
  - 7.3.1 Grid Load Leveling
  - 7.3.2 Stationary Storage
  - 7.3.3 Concentrated Solar Power (CSP)
  - 7.3.4 Others
- 7.4 Impact of COVID-19 in Europe

#### **8 SOUTH AMERICA MARKET SEGMENTATION**

- 8.1 Region Segmentation (2017 to 2021f)
  - 8.1.1 Brazil
  - 8.1.2 Argentina
  - 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
  - 8.2.1 Sodium-sulfur (NaS) Batteries
  - 8.2.2 Sodium-metal halide (NaMx) Batteries
  - 8.2.3 Molten salt thermal energy storage (TES) Systems
- 8.3 Consumption Segmentation (2017 to 2021f)
  - 8.3.1 Grid Load Leveling



- 8.3.2 Stationary Storage
- 8.3.3 Concentrated Solar Power (CSP)
- 8.3.4 Others
- 8.4 Impact of COVID-19 in Europe

# 9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION

- 9.1 Region Segmentation (2017 to 2021f)
  - 9.1.1 GCC
  - 9.1.2 North Africa
  - 9.1.3 South Africa
  - 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
  - 9.2.1 Sodium-sulfur (NaS) Batteries
  - 9.2.2 Sodium-metal halide (NaMx) Batteries
  - 9.2.3 Molten salt thermal energy storage (TES) Systems
- 9.3 Consumption Segmentation (2017 to 2021f)
  - 9.3.1 Grid Load Leveling
  - 9.3.2 Stationary Storage
  - 9.3.3 Concentrated Solar Power (CSP)
  - 9.3.4 Others
- 9.4 Impact of COVID-19 in Europe

# 10 COMPETITION OF MAJOR PLAYERS

- 10.1 Brief Introduction of Major Players
  - 10.1.1 ABENGOA SOLAR
  - 10.1.2 Siemens
  - 10.1.3 SolarReserve
  - 10.1.4 GE
  - 10.1.5 Bright Source
  - 10.1.6 NGK Insulators
  - 10.1.7 Archimede Solar Energy
  - 10.1.8 Linde
  - 10.1.9 TSK Flagsol
  - 10.1.10 Idhelio
  - 10.1.11 Sunhome
- 10.2 High Temperature Energy Storage Sales Date of Major Players (2017-2020e)
  - 10.2.1 ABENGOA SOLAR



- 10.2.2 Siemens
- 10.2.3 SolarReserve
- 10.2.4 GE
- 10.2.5 Bright Source
- 10.2.6 NGK Insulators
- 10.2.7 Archimede Solar Energy
- 10.2.8 Linde
- 10.2.9 TSK Flagsol
- 10.2.10 Idhelio
- 10.2.11 Sunhome
- 10.3 Market Distribution of Major Players
- 10.4 Global Competition Segmentation

# 11 MARKET FORECAST

- 11.1 Forecast by Region
- 11.2 Forecast by Demand
- 11.3 Environment Forecast
  - 11.3.1 Impact of COVID-19
  - 11.3.2 Geopolitics Overview
  - 11.3.3 Economic Overview of Major Countries

# 12 REPORT SUMMARY STATEMENT



# **List Of Tables**

#### LIST OF TABLES

- 1. Table High Temperature Energy Storage Product Type Overview
- 2. Table High Temperature Energy Storage Product Type Market Share List
- 3. Table High Temperature Energy Storage Product Type of Major Players
- 4. Table Brief Introduction of ABENGOA SOLAR
- 5. Table Brief Introduction of Siemens
- 6. Table Brief Introduction of SolarReserve
- 7. Table Brief Introduction of GE
- 8. Table Brief Introduction of Bright Source
- 9. Table Brief Introduction of NGK Insulators
- 10. Table Brief Introduction of Archimede Solar Energy
- 11. Table Brief Introduction of Linde
- 12. Table Brief Introduction of TSK Flagsol
- 13. Table Brief Introduction of Idhelio
- 14. Table Brief Introduction of Sunhome
- 15. Table Products & Services of ABENGOA SOLAR
- 16. Table Products & Services of Siemens
- 17. Table Products & Services of SolarReserve
- 18. Table Products & Services of GE
- 19. Table Products & Services of Bright Source
- 20. Table Products & Services of NGK Insulators
- 21. Table Products & Services of Archimede Solar Energy
- 22. Table Products & Services of Linde
- 23. Table Products & Services of TSK Flagsol
- 24. Table Products & Services of Idhelio
- 25. Table Products & Services of Sunhome
- 26. Table Market Distribution of Major Players
- 27. Table Global Major Players Sales Revenue (Million USD) 2017-2020e
- 28. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e
- 29. Table Global High Temperature Energy Storage Market Forecast (Million USD) by Region 2021f-2026f
- 30. Table Global High Temperature Energy Storage Market Forecast (Million USD) Share by Region 2021f-2026f
- 31. Table Global High Temperature Energy Storage Market Forecast (Million USD) by Demand 2021f-2026f
- 32. Table Global High Temperature Energy Storage Market Forecast (Million USD) Share by Demand 2021f-2026f



# **List Of Figures**

#### LIST OF FIGURES

- 1. Figure Global High Temperature Energy Storage Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
- 2. Figure Global High Temperature Energy Storage Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
- 3. Figure Global High Temperature Energy Storage Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
- 4. Figure Global High Temperature Energy Storage Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
- 5. Figure Global High Temperature Energy Storage Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 6. Figure Global High Temperature Energy Storage Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 7. Figure Global High Temperature Energy Storage Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million)
- 8. Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 9. Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 10.Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 11.Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 12. Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 13. Figure Sodium-sulfur (NaS) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 14. Figure Sodium-metal halide (NaMx) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 15. Figure Molten salt thermal energy storage (TES) Systems Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 16. Figure Grid Load Leveling Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 17. Figure Stationary Storage Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 18. Figure Concentrated Solar Power (CSP) Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 19. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 20.Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 21.Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 22. Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 23. Figure Sodium-sulfur (NaS) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 24. Figure Sodium-metal halide (NaMx) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 25. Figure Molten salt thermal energy storage (TES) Systems Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 26. Figure Grid Load Leveling Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 27. Figure Stationary Storage Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 28. Figure Concentrated Solar Power (CSP) Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 29. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 30.Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 31.Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 32. Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 33. Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 34. Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 35. Figure Sodium-sulfur (NaS) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 36.Figure Sodium-metal halide (NaMx) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 37. Figure Molten salt thermal energy storage (TES) Systems Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 38. Figure Grid Load Leveling Segmentation Market Size (USD Million) 2017-2021f and



- Year-over-year (YOY) Growth (%) 2018-2021f
- 39. Figure Stationary Storage Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 40. Figure Concentrated Solar Power (CSP) Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 41. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 42. Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 43. Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 44. Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 45. Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 46.Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 47. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 48. Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 49. Figure Sodium-sulfur (NaS) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 50. Figure Sodium-metal halide (NaMx) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 51. Figure Molten salt thermal energy storage (TES) Systems Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 52. Figure Grid Load Leveling Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 53. Figure Stationary Storage Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 54. Figure Concentrated Solar Power (CSP) Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 55. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 56. Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 57. Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 58. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 59. Figure Sodium-sulfur (NaS) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 60. Figure Sodium-metal halide (NaMx) Batteries Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 61. Figure Molten salt thermal energy storage (TES) Systems Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 62. Figure Grid Load Leveling Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 63. Figure Stationary Storage Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 64. Figure Concentrated Solar Power (CSP) Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 65. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 66. Figure GCC Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 67. Figure North Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 68. Figure South Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 69. Figure Rest of Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 70. Figure Sodium-sulfur (N



# I would like to order

Product name: High Temperature Energy Storage Market Status and Trend Analysis 2017-2026

(COVID-19 Version)

Product link: <a href="https://marketpublishers.com/r/H701F224178EEN.html">https://marketpublishers.com/r/H701F224178EEN.html</a>

Price: US\$ 2,800.00 (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 <a href="https://marketpublishers.com/r/H701F224178EEN.html">https://marketpublishers.com/r/H701F224178EEN.html</a>

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
	Custumer signature

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

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



