

# 2015-2027 Global Virtual Power Plant (VPP) Industry Market Research Report, Segment by Player, Type, Application, Marketing Channel, and Region

https://marketpublishers.com/r/20D8B412CD69EN.html

Date: March 2020

Pages: 126

Price: US\$ 3,460.00 (Single User License)

ID: 20D8B412CD69EN

# **Abstracts**

The worldwide market for Virtual Power Plant (VPP) is estimated to grow at a CAGR of roughly X.X% in the next 8 years, and will reach X.X million US\$ in 2027, from X.X million US\$ in 2020.

The report covers market size status and forecast, value chain analysis, market segmentation of Top countries in Major Regions, such as North America, Europe, Asia-Pacific, Latin America and Middle East & Africa, by type, application and marketing channel. In addition, the report focuses on the driving factors, restraints, opportunities and PEST analysis of major regions.

Major Companies Covered

Joule Assets

**Duke Energy** 

**IBM** 

Alstom Grid

Ventyx/ABB

**Power Assure** 

Viridity Energy

Spirae

Consert

**GE Digital Energy** 

**Bosch** 

**ENBALA Power Networks** 

Siemens

Cooper Power Systems/Eaton



**Customized Energy** 

Schneider Electric

Comverge

**RWE** 

**DONG Energy** 

**Power Analytics** 

Major Types Covered

Centralized Controlled VPP

Decentralized Controlled VPP

Major Applications Covered

Defense

Government

Commercial

Top Countries Data Covered in This Report

**United States** 

Canada

Germany

UK

France

Italy

Spain

Russia

Netherlands

Turkey

Switzerland

Sweden

Poland

Belgium

China

Japan

South Korea

Australia

India

Taiwan

Indonesia

Thailand



Philippines

Malaysia

Brazil

Mexico

Argentina

Columbia

Chile

Saudi Arabia

UAE

Egypt

Nigeria

South Africa

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2027



# **Contents**

#### 1 INTRODUCTION

- 1.1 Objective of the Study
- 1.2 Definition of the Market
- 1.3 Market Scope
  - 1.3.1 Market Segment by Type, Application and Marketing Channel
- 1.3.2 Major Regions Covered (North America, Europe, Asia Pacific, Mid East & Africa)
- 1.4 Years Considered for the Study (2015-2027)
- 1.5 Currency Considered (U.S. Dollar)
- 1.6 Stakeholders

#### 2 KEY FINDINGS OF THE STUDY

## **3 MARKET DYNAMICS**

- 3.1 Driving Factors for this Market
- 3.2 Factors Challenging the Market
- 3.3 Opportunities of the Global Virtual Power Plant (VPP) Market (Regions,

Growing/Emerging Downstream Market Analysis)

- 3.4 Technological and Market Developments in the Virtual Power Plant (VPP) Market
- 3.5 Industry News by Region
- 3.6 Regulatory Scenario by Region/Country
- 3.7 Market Investment Scenario Strategic Recommendations Analysis

## 4 VALUE CHAIN OF THE VIRTUAL POWER PLANT (VPP) MARKET

- 4.1 Value Chain Status
- 4.2 Upstream Raw Material Analysis
- 4.3 Midstream Major Company Analysis (by Manufacturing Base, by Product Type)
- 4.4 Distributors/Traders
- 4.5 Downstream Major Customer Analysis (by Region)

# 5 GLOBAL VIRTUAL POWER PLANT (VPP) MARKET-SEGMENTATION BY TYPE

- 5.1 Centralized Controlled VPP
- 5.2 Decentralized Controlled VPP



# 6 GLOBAL VIRTUAL POWER PLANT (VPP) MARKET-SEGMENTATION BY APPLICATION

- 6.1 Defense
- 6.2 Government
- 6.3 Commercial

# 7 GLOBAL VIRTUAL POWER PLANT (VPP) MARKET-SEGMENTATION BY MARKETING CHANNEL

- 7.1 Traditional Marketing Channel (Offline)
- 7.2 Online Channel

#### **8 COMPETITIVE INTELLIGENCE – COMPANY PROFILES**

- 8.1 Joule Assets
  - 8.1.1 Joule Assets Profile
  - 8.1.2 Joule Assets Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.1.3 Joule Assets Product/Solution Launches and Enhancements Analysis
  - 8.1.4 Joule Assets Business Overview/Recent Development/Acquisitions
- 8.2 Duke Energy
  - 8.2.1 Duke Energy Profile
  - 8.2.2 Duke Energy Sales, Growth Rate and Global Market Share from 2015-2020
- 8.2.3 Duke Energy Product/Solution Launches and Enhancements Analysis
- 8.2.4 Duke Energy Business Overview/Recent Development/Acquisitions
- 8.3 IBM
  - 8.3.1 IBM Profile
  - 8.3.2 IBM Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.3.3 IBM Product/Solution Launches and Enhancements Analysis
  - 8.3.4 IBM Business Overview/Recent Development/Acquisitions
- 8.4 Alstom Grid
  - 8.4.1 Alstom Grid Profile
  - 8.4.2 Alstom Grid Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.4.3 Alstom Grid Product/Solution Launches and Enhancements Analysis
  - 8.4.4 Alstom Grid Business Overview/Recent Development/Acquisitions
- 8.5 Ventyx/ABB
  - 8.5.1 Ventyx/ABB Profile
- 8.5.2 Ventyx/ABB Sales, Growth Rate and Global Market Share from 2015-2020
- 8.5.3 Ventyx/ABB Product/Solution Launches and Enhancements Analysis



- 8.5.4 Ventyx/ABB Business Overview/Recent Development/Acquisitions
- 8.6 Power Assure
  - 8.6.1 Power Assure Profile
  - 8.6.2 Power Assure Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.6.3 Power Assure Product/Solution Launches and Enhancements Analysis
  - 8.6.4 Power Assure Business Overview/Recent Development/Acquisitions
- 8.7 Viridity Energy
  - 8.7.1 Viridity Energy Profile
  - 8.7.2 Viridity Energy Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.7.3 Viridity Energy Product/Solution Launches and Enhancements Analysis
  - 8.7.4 Viridity Energy Business Overview/Recent Development/Acquisitions
- 8.8 Spirae
  - 8.8.1 Spirae Profile
  - 8.8.2 Spirae Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.8.3 Spirae Product/Solution Launches and Enhancements Analysis
  - 8.8.4 Spirae Business Overview/Recent Development/Acquisitions
- 8.9 Consert
  - 8.9.1 Consert Profile
  - 8.9.2 Consert Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.9.3 Consert Product/Solution Launches and Enhancements Analysis
  - 8.9.4 Consert Business Overview/Recent Development/Acquisitions
- 8.10 GE Digital Energy
  - 8.10.1 GE Digital Energy Profile
- 8.10.2 GE Digital Energy Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.10.3 GE Digital Energy Product/Solution Launches and Enhancements Analysis
- 8.10.4 GE Digital Energy Business Overview/Recent Development/Acquisitions
- 8.11 Bosch
  - 8.11.1 Bosch Profile
  - 8.11.2 Bosch Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.11.3 Bosch Product/Solution Launches and Enhancements Analysis
  - 8.11.4 Bosch Business Overview/Recent Development/Acquisitions
- 8.12 ENBALA Power Networks
  - 8.12.1 ENBALA Power Networks Profile
- 8.12.2 ENBALA Power Networks Sales, Growth Rate and Global Market Share from 2015-2020
- 8.12.3 ENBALA Power Networks Product/Solution Launches and Enhancements Analysis
  - 8.12.4 ENBALA Power Networks Business Overview/Recent



# **Development/Acquisitions**

- 8.13 Siemens
  - 8.13.1 Siemens Profile
  - 8.13.2 Siemens Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.13.3 Siemens Product/Solution Launches and Enhancements Analysis
  - 8.13.4 Siemens Business Overview/Recent Development/Acquisitions
- 8.14 Cooper Power Systems/Eaton
  - 8.14.1 Cooper Power Systems/Eaton Profile
- 8.14.2 Cooper Power Systems/Eaton Sales, Growth Rate and Global Market Share from 2015-2020
- 8.14.3 Cooper Power Systems/Eaton Product/Solution Launches and Enhancements Analysis
- 8.14.4 Cooper Power Systems/Eaton Business Overview/Recent Development/Acquisitions
- 8.15 Customized Energy
  - 8.15.1 Customized Energy Profile
- 8.15.2 Customized Energy Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.15.3 Customized Energy Product/Solution Launches and Enhancements Analysis
  - 8.15.4 Customized Energy Business Overview/Recent Development/Acquisitions
- 8.16 Schneider Electric
  - 8.16.1 Schneider Electric Profile
- 8.16.2 Schneider Electric Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.16.3 Schneider Electric Product/Solution Launches and Enhancements Analysis
  - 8.16.4 Schneider Electric Business Overview/Recent Development/Acquisitions
- 8.17 Comverge
  - 8.17.1 Comverge Profile
  - 8.17.2 Comverge Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.17.3 Comverge Product/Solution Launches and Enhancements Analysis
- 8.17.4 Comverge Business Overview/Recent Development/Acquisitions
- 8.18 RWE
  - 8.18.1 RWE Profile
  - 8.18.2 RWE Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.18.3 RWE Product/Solution Launches and Enhancements Analysis
  - 8.18.4 RWE Business Overview/Recent Development/Acquisitions
- 8.19 DONG Energy
  - 8.19.1 DONG Energy Profile
- 8.19.2 DONG Energy Sales, Growth Rate and Global Market Share from 2015-2020



- 8.19.3 DONG Energy Product/Solution Launches and Enhancements Analysis
- 8.19.4 DONG Energy Business Overview/Recent Development/Acquisitions
- 8.20 Power Analytics
  - 8.20.1 Power Analytics Profile
  - 8.20.2 Power Analytics Sales, Growth Rate and Global Market Share from 2015-2020
  - 8.20.3 Power Analytics Product/Solution Launches and Enhancements Analysis
- 8.20.4 Power Analytics Business Overview/Recent Development/Acquisitions

# 9 GLOBAL VIRTUAL POWER PLANT (VPP) MARKET-SEGMENTATION BY GEOGRAPHY

#### 10 NORTH AMERICA

- 10.1 North America Virtual Power Plant (VPP) Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020
- 10.2 North America Virtual Power Plant (VPP) Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020
- 10.3 North America Virtual Power Plant (VPP) Production Analysis from 2015-2020
- 10.4 North America Virtual Power Plant (VPP) Consumption Analysis from 2015-2020
- 10.5 North America Virtual Power Plant (VPP) Import and Export from 2015-2020
- 10.6 North America Virtual Power Plant (VPP) Value, Production and Market Share by Type (2015-2020)
- 10.7 North America Virtual Power Plant (VPP) Consumption, Value and Market Share by Application (2015-2020)
- 10.8 North America Virtual Power Plant (VPP) by Country (United States, Canada)
- 10.8.1 North America Virtual Power Plant (VPP) Sales by Country (2015-2020)
- 10.8.2 North America Virtual Power Plant (VPP) Consumption Value by Country (2015-2020)
- 10.9 North America Virtual Power Plant (VPP) Market PEST Analysis

#### 11 EUROPE

- 11.1 Europe Virtual Power Plant (VPP) Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020
- 11.2 Europe Virtual Power Plant (VPP) Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020
- 11.3 Europe Virtual Power Plant (VPP) Production Analysis from 2015-2020
- 11.4 Europe Virtual Power Plant (VPP) Consumption Analysis from 2015-2020
- 11.5 Europe Virtual Power Plant (VPP) Import and Export from 2015-2020



- 11.6 Europe Virtual Power Plant (VPP) Value, Production and Market Share by Type (2015-2020)
- 11.7 Europe Virtual Power Plant (VPP) Consumption, Value and Market Share by Application (2015-2020)
- 11.8 Europe Virtual Power Plant (VPP) by Country (Germany, UK, France, Italy, Spain, Russia, Netherlands, Turkey, Switzerland, Sweden, Poland, Belgium)
- 11.8.1 Europe Virtual Power Plant (VPP) Sales by Country (2015-2020)
- 11.8.2 Europe Virtual Power Plant (VPP) Consumption Value by Country (2015-2020)
- 11.9 Europe Virtual Power Plant (VPP) Market PEST Analysis

#### 12 ASIA-PACIFIC

- 12.1 Asia-Pacific Virtual Power Plant (VPP) Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020
- 12.2 Asia-Pacific Virtual Power Plant (VPP) Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020
- 12.3 Asia-Pacific Virtual Power Plant (VPP) Production Analysis from 2015-2020
- 12.4 Asia-Pacific Virtual Power Plant (VPP) Consumption Analysis from 2015-2020
- 12.5 Asia-Pacific Virtual Power Plant (VPP) Import and Export from 2015-2020
- 12.6 Asia-Pacific Virtual Power Plant (VPP) Value, Production and Market Share by Type (2015-2020)
- 12.7 Asia-Pacific Virtual Power Plant (VPP) Consumption, Value and Market Share by Application (2015-2020)
- 12.8 Asia-Pacific Virtual Power Plant (VPP) by Country (China, Japan, South Korea, Australia, India, Taiwan, Indonesia, Thailand, Philippines, Malaysia)
  - 12.8.1 Asia-Pacific Virtual Power Plant (VPP) Sales by Country (2015-2020)
- 12.8.2 Asia-Pacific Virtual Power Plant (VPP) Consumption Value by Country (2015-2020)
- 12.9 Asia-Pacific Virtual Power Plant (VPP) Market PEST Analysis

## **13 LATIN AMERICA**

- 13.1 Latin America Virtual Power Plant (VPP) Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020
- 13.2 Latin America Virtual Power Plant (VPP) Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020
- 13.3 Latin America Virtual Power Plant (VPP) Production Analysis from 2015-2020
- 13.4 Latin America Virtual Power Plant (VPP) Consumption Analysis from 2015-2020
- 13.5 Latin America Virtual Power Plant (VPP) Import and Export from 2015-2020



- 13.6 Latin America Virtual Power Plant (VPP) Value, Production and Market Share by Type (2015-2020)
- 13.7 Latin America Virtual Power Plant (VPP) Consumption, Value and Market Share by Application (2015-2020)
- 13.8 Latin America Virtual Power Plant (VPP) by Country (Brazil, Mexico, Argentina, Columbia, Chile)
  - 13.8.1 Latin America Virtual Power Plant (VPP) Sales by Country (2015-2020)
- 13.8.2 Latin America Virtual Power Plant (VPP) Consumption Value by Country (2015-2020)
- 13.9 Latin America Virtual Power Plant (VPP) Market PEST Analysis

#### 14 MIDDLE EAST & AFRICA

- 14.1 Middle East & Africa Virtual Power Plant (VPP) Production, Ex-factory Price, Revenue, Gross Margin (%) and Gross Analysis from 2015-2020
- 14.2 Middle East & Africa Virtual Power Plant (VPP) Consumption, Terminal Price, Consumption Value and Channel Margin Analysis from 2015-2020
- 14.3 Middle East & Africa Virtual Power Plant (VPP) Production Analysis from 2015-2020
- 14.4 Middle East & Africa Virtual Power Plant (VPP) Consumption Analysis from 2015-2020
- 14.5 Middle East & Africa Virtual Power Plant (VPP) Import and Export from 2015-2020
- 14.6 Middle East & Africa Virtual Power Plant (VPP) Value, Production and Market Share by Type (2015-2020)
- 14.7 Middle East & Africa Virtual Power Plant (VPP) Consumption, Value and Market Share by Application (2015-2020)
- 14.8 Middle East & Africa Virtual Power Plant (VPP) by Country (Saudi Arabia, UAE, Egypt, Nigeria, South Africa)
- 14.8.1 Middle East & Africa Virtual Power Plant (VPP) Sales by Country (2015-2020)
- 14.8.2 Middle East & Africa Virtual Power Plant (VPP) Consumption Value by Country (2015-2020)
- 14.9 Middle East & Africa Virtual Power Plant (VPP) Market PEST Analysis

# 15 FUTURE FORECAST OF THE GLOBAL VIRTUAL POWER PLANT (VPP) MARKET FROM 2020-2027

- 15.1 Future Forecast of the Global Virtual Power Plant (VPP) Market from 2020-2027 Segment by Region
- 15.2 Global Virtual Power Plant (VPP) Production and Growth Rate Forecast by Type



(2020-2027)

15.3 Global Virtual Power Plant (VPP) Consumption and Growth Rate Forecast by Application (2020-2027)

# **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Data Source



# **List Of Tables**

#### LIST OF TABLES AND FIGURES

Global Virtual Power Plant (VPP) Market Value (\$) and Growth Rate of Virtual Power Plant (VPP) from 2015-2027

Global Virtual Power Plant (VPP) Production and Growth Rate Segment by Product Type from 2015-2027

Global Virtual Power Plant (VPP) Consumption and Growth Rate Segment by Application from 2015-2027

Figure Virtual Power Plant (VPP) Picture

Table Product Specifications of Virtual Power Plant (VPP)

Table Driving Factors for this Market

Table Industry News of Virtual Power Plant (VPP) Market

Figure Value Chain Status of Virtual Power Plant (VPP)

Table Midstream Major Company Analysis (by Manufacturing Base, by Product Type)

Table Distributors/Traders

Table Downstream Major Customer Analysis (by Region, by Preference)

Table Global Virtual Power Plant (VPP) Production and Growth Rate Segment by Product Type from 2015-2020

Table Global Virtual Power Plant (VPP) Value (\$) and Growth Rate Segment by Product Type from 2015-2020

Figure Centralized Controlled VPP of Virtual Power Plant (VPP)

Figure Decentralized Controlled VPP of Virtual Power Plant (VPP)

Table Global Virtual Power Plant (VPP) Consumption and Growth Rate Segment by Application from 2015-2020

Table Global Virtual Power Plant (VPP) Value (\$) and Growth Rate Segment by Application from 2015-2020

Figure Defense of Virtual Power Plant (VPP)

Figure Government of Virtual Power Plant (VPP)

Figure Commercial of Virtual Power Plant (VPP)

Table Global Virtual Power Plant (VPP) Consumption and Growth Rate Segment by Marketing Channel from 2015-2020

Table Global Virtual Power Plant (VPP) Value (\$) and Growth Rate Segment by Marketing Channel from 2015-2020

Figure Traditional Marketing Channel (Offline) of Virtual Power Plant (VPP)

Figure Online Channel of Virtual Power Plant (VPP)

Table Joule Assets Profile (Company Name, Plants Distribution, Sales Region)

Figure Joule Assets Sales and Growth Rate from 2015-2020



Figure Joule Assets Revenue (\$) and Global Market Share from 2015-2020 Table Joule Assets Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Duke Energy Profile (Company Name, Plants Distribution, Sales Region)

Figure Duke Energy Sales and Growth Rate from 2015-2020

Figure Duke Energy Revenue (\$) and Global Market Share from 2015-2020

Table Duke Energy Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table IBM Profile (Company Name, Plants Distribution, Sales Region)

Figure IBM Sales and Growth Rate from 2015-2020

Figure IBM Revenue (\$) and Global Market Share from 2015-2020

Table IBM Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Alstom Grid Profile (Company Name, Plants Distribution, Sales Region)

Figure Alstom Grid Sales and Growth Rate from 2015-2020

Figure Alstom Grid Revenue (\$) and Global Market Share from 2015-2020

Table Alstom Grid Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Ventyx/ABB Profile (Company Name, Plants Distribution, Sales Region)

Figure Ventyx/ABB Sales and Growth Rate from 2015-2020

Figure Ventyx/ABB Revenue (\$) and Global Market Share from 2015-2020

Table Ventyx/ABB Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Power Assure Profile (Company Name, Plants Distribution, Sales Region)

Figure Power Assure Sales and Growth Rate from 2015-2020

Figure Power Assure Revenue (\$) and Global Market Share from 2015-2020

Table Power Assure Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Viridity Energy Profile (Company Name, Plants Distribution, Sales Region)

Figure Viridity Energy Sales and Growth Rate from 2015-2020

Figure Viridity Energy Revenue (\$) and Global Market Share from 2015-2020

Table Viridity Energy Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Spirae Profile (Company Name, Plants Distribution, Sales Region)

Figure Spirae Sales and Growth Rate from 2015-2020

Figure Spirae Revenue (\$) and Global Market Share from 2015-2020

Table Spirae Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Consert Profile (Company Name, Plants Distribution, Sales Region)

Figure Consert Sales and Growth Rate from 2015-2020



Figure Consert Revenue (\$) and Global Market Share from 2015-2020 Table Consert Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table GE Digital Energy Profile (Company Name, Plants Distribution, Sales Region)

Figure GE Digital Energy Sales and Growth Rate from 2015-2020

Figure GE Digital Energy Revenue (\$) and Global Market Share from 2015-2020

Table GE Digital Energy Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Bosch Profile (Company Name, Plants Distribution, Sales Region)

Figure Bosch Sales and Growth Rate from 2015-2020

Figure Bosch Revenue (\$) and Global Market Share from 2015-2020

Table Bosch Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table ENBALA Power Networks Profile (Company Name, Plants Distribution, Sales Region)

Figure ENBALA Power Networks Sales and Growth Rate from 2015-2020

Figure ENBALA Power Networks Revenue (\$) and Global Market Share from 2015-2020

Table ENBALA Power Networks Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Siemens Profile (Company Name, Plants Distribution, Sales Region)

Figure Siemens Sales and Growth Rate from 2015-2020

2015-2020

Figure Siemens Revenue (\$) and Global Market Share from 2015-2020

Table Siemens Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Cooper Power Systems/Eaton Profile (Company Name, Plants Distribution, Sales Region)

Figure Cooper Power Systems/Eaton Sales and Growth Rate from 2015-2020 Figure Cooper Power Systems/Eaton Revenue (\$) and Global Market Share from

Table Cooper Power Systems/Eaton Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Customized Energy Profile (Company Name, Plants Distribution, Sales Region)

Figure Customized Energy Sales and Growth Rate from 2015-2020

Figure Customized Energy Revenue (\$) and Global Market Share from 2015-2020

Table Customized Energy Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Schneider Electric Profile (Company Name, Plants Distribution, Sales Region) Figure Schneider Electric Sales and Growth Rate from 2015-2020



Figure Schneider Electric Revenue (\$) and Global Market Share from 2015-2020 Table Schneider Electric Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Comverge Profile (Company Name, Plants Distribution, Sales Region)

Figure Comverge Sales and Growth Rate from 2015-2020

Figure Comverge Revenue (\$) and Global Market Share from 2015-2020

Table Comverge Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table RWE Profile (Company Name, Plants Distribution, Sales Region)

Figure RWE Sales and Growth Rate from 2015-2020

Figure RWE Revenue (\$) and Global Market Share from 2015-2020

Table RWE Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table DONG Energy Profile (Company Name, Plants Distribution, Sales Region)

Figure DONG Energy Sales and Growth Rate from 2015-2020

Figure DONG Energy Revenue (\$) and Global Market Share from 2015-2020

Table DONG Energy Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Power Analytics Profile (Company Name, Plants Distribution, Sales Region)

Figure Power Analytics Sales and Growth Rate from 2015-2020

Figure Power Analytics Revenue (\$) and Global Market Share from 2015-2020

Table Power Analytics Virtual Power Plant (VPP) Sales, Price, Revenue, Gross Margin (2015-2020)

Table Global Virtual Power Plant (VPP) Production Value (\$) by Region from 2015-2020

Table Global Virtual Power Plant (VPP) Production Value Share by Region from 2015-2020

Table Global Virtual Power Plant (VPP) Production by Region from 2015-2020

Table Global Virtual Power Plant (VPP) Consumption Value (\$) by Region from 2015-2020

Table Global Virtual Power Plant (VPP) Consumption by Region from 2015-2020

Table North America Virtual Power Plant (VPP) Production, Ex-factory Price Revenue

(\$), Gross Margin (%) and Gross (\$) Analysis from 2015-2020

Table North America Virtual Power Plant (VPP) Consumption, Terminal Price,

Consumption Value (\$) and Channel Margin Analysis from 2015-2020

Table North America Virtual Power Plant (VPP) Import and Export from 2015-2020

Table North America Virtual Power Plant (VPP) Value (\$) by Type (2015-2020)

Table North America Virtual Power Plant (VPP) Production by Type (2015-2020)

Table North America Virtual Power Plant (VPP) Consumption by Application (2015-2020)



Table North America Virtual Power Plant (VPP) Consumption by Country (2015-2020) Table North America Virtual Power Plant (VPP) Consumption Value (\$) by Country (2015-2020)

Figure North America Virtual Power Plant (VPP) Market PEST Analysis

Table Europe Virtual Power Plant (VPP) Production, Ex-factory Price Revenue (\$),

Gross Margin (%) and Gross (\$) Analysis from 2015-2020

Table Europe Virtual Power Plant (VPP) Consumption, Terminal Price, Consumption

Value (\$) and Channel Margin Analysis from 2015-2020

Table Europe Virtual Power Plant (VPP) Import and Export from 2015-2020

Table Europe Virtual Power Plant (VPP) Value (\$) by Type (2015-2020)

Table Europe Virtual Power Plant (VPP) Production by Type (2015-2020)

Table Europe Virtual Power Plant (VPP) Consumption by Application (2015-2020)

Table Europe Virtual Power Plant (VPP) Consumption by Country (2015-2020)

Table Europe Virtual Power Plant (VPP) Consumption Value (\$) by Country (2015-2020)

Figure Europe Virtual Power Plant (VPP) Market PEST Analysis

Table Asia-Pacific Virtual Power Plant (VPP) Production, Ex-factory Price Revenue (\$),

Gross Margin (%) and Gross (\$) Analysis from 2015-2020

Table Asia-Pacific Virtual Power Plant (VPP) Consumption, Terminal Price,

Consumption Value (\$) and Channel Margin Analysis from 2015-2020

Table Asia-Pacific Virtual Power Plant (VPP) Import and Export from 2015-2020

Table Asia-Pacific Virtual Power Plant (VPP) Value (\$) by Type (2015-2020)

Table Asia-Pacific Virtual Power Plant (VPP) Production by Type (2015-2020)

Table Asia-Pacific Virtual Power Plant (VPP) Consumption by Application (2015-2020)

Table Asia-Pacific Virtual Power Plant (VPP) Consumption by Country (2015-2020)

Table Asia-Pacific Virtual Power Plant (VPP) Consumption Value (\$) by Country (2015-2020)

Figure Asia-Pacific Virtual Power Plant (VPP) Market PEST Analysis

Table Latin America Virtual Power Plant (VPP) Production, Ex-factory Price Revenue

(\$), Gross Margin (%) and Gross (\$) Analysis from 2015-2020

Table Latin America Virtual Power Plant (VPP) Consumption, Terminal Price,

Consumption Value (\$) and Channel Margin Analysis from 2015-2020

Table Latin America Virtual Power Plant (VPP) Import and Export from 2015-2020

Table Latin America Virtual Power Plant (VPP) Value (\$) by Type (2015-2020)

Table Latin America Virtual Power Plant (VPP) Production by Type (2015-2020)

Table Latin America Virtual Power Plant (VPP) Consumption by Application (2015-2020)

Table Latin America Virtual Power Plant (VPP) Consumption by Country (2015-2020)

Table Latin America Virtual Power Plant (VPP) Consumption Value (\$) by Country



(2015-2020)

Figure Latin America Virtual Power Plant (VPP) Market PEST Analysis
Table Middle East & Africa Virtual Power Plant (VPP) Production, Ex-factory Price
Revenue (\$), Gross Margin (%) and Gross (\$) Analysis from 2015-2020
Table Middle East & Africa Virtual Power Plant (VPP) Consumption, Terminal Price,
Consumption Value (\$) and Channel Margin Analysis from 2015-2020
Table Middle East & Africa Virtual Power Plant (VPP) Import and Export from
2015-2020

Table Middle East & Africa Virtual Power Plant (VPP) Value (\$) by Type (2015-2020)
Table Middle East & Africa Virtual Power Plant (VPP) Production by Type (2015-2020)
Table Middle East & Africa Virtual Power Plant (VPP) Consumption by Application (2015-2020)

Table Middle East & Africa Virtual Power Plant (VPP) Consumption by Country (2015-2020)

Table Middle East & Africa Virtual Power Plant (VPP) Consumption Value (\$) by Country (2015-2020)

Figure Middle East & Africa Virtual Power Plant (VPP) Market PEST Analysis
Table Global Virtual Power Plant (VPP) Value (\$) and Growth Rate Forecast by Region
(2020-2027)

Table Global Virtual Power Plant (VPP) Production and Growth Rate Forecast by Region (2020-2027)

Table Global Virtual Power Plant (VPP) Consumption and Growth Rate Forecast by Region (2020-2027)

Table Global Virtual Power Plant (VPP) Production and Growth Rate Forecast by Type (2020-2027)

Table Global Virtual Power Plant (VPP) Consumption and Growth Rate Forecast by Application (2020-2027)



## I would like to order

Product name: 2015-2027 Global Virtual Power Plant (VPP) Industry Market Research Report, Segment

by Player, Type, Application, Marketing Channel, and Region

Product link: https://marketpublishers.com/r/20D8B412CD69EN.html

Price: US\$ 3,460.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/20D8B412CD69EN.html">https://marketpublishers.com/r/20D8B412CD69EN.html</a>

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

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  $+44\ 20\ 7900\ 3970$ 

