

COVID-19 Outbreak-Global Virtual Power Plant (VPP) Industry Market Report-Development Trends, Threats, Opportunities and Competitive Landscape in 2020

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Abstracts

A virtual power plant (VPP) is a cloud-based distributed power plant that aggregates the capacities of heterogeneous Distributed Energy Resources (DERs) for the purposes of enhancing power generation, as well as trading or selling power on the open market. The Virtual Power Plant (VPP) market revenue was xx.xx Million USD in 2019, and will reach xx.xx Million USD in 2025, with a CAGR of x.x% during 2020-2025.

Under COVID-19 outbreak globally, this report provides 360 degrees of analysis from supply chain, import and export control to regional government policy and future influence on the industry. Detailed analysis about market status (2015-2020), enterprise competition pattern, advantages and disadvantages of enterprise products, industry development trends (2020-2025), regional industrial layout characteristics and macroeconomic policies, industrial policy has also been included. From raw materials to end users of this industry are analyzed scientifically, the trends of product circulation and sales channel will be presented as well. Considering COVID-19, this report provides comprehensive and in-depth analysis on how the epidemic push this industry transformation and reform.

In COVID-19 outbreak, Chapter 2.2 of this report provides an analysis of the impact of COVID-19 on the global economy and the Virtual Power Plant (VPP) industry. Chapter 3.7 covers the analysis of the impact of COVID-19 from the perspective of the industry chain.

In addition, chapters 7-11 consider the impact of COVID-19 on the regional economy.

The Virtual Power Plant (VPP) market can be split based on product types, major applications, and important countries as follows:

Key players in the global Virtual Power Plant (VPP) market covered in Chapter 12:

Siemens
Spirae
Duke Energy
GE Digital Energy
Alstom Grid
Power Analytics
Comverge
Viridity Energy
ENBALA Power Networks
Schneider Electric
Consert
Bosch
Cooper Power Systems/Eaton
Customized Energy
DONG Energy
Joule Assets
IBM
Power Assure
Ventyx/ABB
RWE

In Chapter 4 and 14.1, on the basis of types, the Virtual Power Plant (VPP) market from 2015 to 2025 is primarily split into:

Centralized Controlled VPP
Decentralized Controlled VPP

In Chapter 5 and 14.2, on the basis of applications, the Virtual Power Plant (VPP) market from 2015 to 2025 covers:

Defense
Government
Commercial

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historic and forecast (2015-2025) of the following regions are covered in Chapter 6, 7, 8, 9, 10, 11, 14:

North America (Covered in Chapter 7 and 14)
United States

Canada
Mexico
Europe (Covered in Chapter 8 and 14)
Germany
UK
France
Italy
Spain
Russia
Others
Asia-Pacific (Covered in Chapter 9 and 14)
China
Japan
South Korea
Australia
India
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 10 and 14)
Saudi Arabia
UAE
Egypt
Nigeria
South Africa
Others
South America (Covered in Chapter 11 and 14)
Brazil
Argentina
Columbia
Chile
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

Contents

1 VIRTUAL POWER PLANT (VPP) INTRODUCTION AND MARKET OVERVIEW

- 1.1 Objectives of the Study
- 1.2 Overview of Virtual Power Plant (VPP)
- 1.3 Scope of The Study
 - 1.3.1 Key Market Segments
 - 1.3.2 Players Covered
 - 1.3.3 COVID-19's impact on the Virtual Power Plant (VPP) industry
- 1.4 Methodology of The Study
- 1.5 Research Data Source

2 EXECUTIVE SUMMARY

- 2.1 Market Overview
 - 2.1.1 Global Virtual Power Plant (VPP) Market Size, 2015 – 2020
 - 2.1.2 Global Virtual Power Plant (VPP) Market Size by Type, 2015 – 2020
 - 2.1.3 Global Virtual Power Plant (VPP) Market Size by Application, 2015 – 2020
 - 2.1.4 Global Virtual Power Plant (VPP) Market Size by Region, 2015 - 2025
- 2.2 Business Environment Analysis
 - 2.2.1 Global COVID-19 Status and Economic Overview
 - 2.2.2 Influence of COVID-19 Outbreak on Virtual Power Plant (VPP) Industry Development

3 INDUSTRY CHAIN ANALYSIS

- 3.1 Upstream Raw Material Suppliers of Virtual Power Plant (VPP) Analysis
- 3.2 Major Players of Virtual Power Plant (VPP)
- 3.3 Virtual Power Plant (VPP) Manufacturing Cost Structure Analysis
 - 3.3.1 Production Process Analysis
 - 3.3.2 Manufacturing Cost Structure of Virtual Power Plant (VPP)
 - 3.3.3 Labor Cost of Virtual Power Plant (VPP)
- 3.4 Market Distributors of Virtual Power Plant (VPP)
- 3.5 Major Downstream Buyers of Virtual Power Plant (VPP) Analysis
- 3.6 The Impact of Covid-19 From the Perspective of Industry Chain
- 3.7 Regional Import and Export Controls Will Exist for a Long Time
- 3.8 Continued downward PMI Spreads Globally

4 GLOBAL VIRTUAL POWER PLANT (VPP) MARKET, BY TYPE

- 4.1 Global Virtual Power Plant (VPP) Value and Market Share by Type (2015-2020)
- 4.2 Global Virtual Power Plant (VPP) Production and Market Share by Type (2015-2020)
- 4.3 Global Virtual Power Plant (VPP) Value and Growth Rate by Type (2015-2020)
 - 4.3.1 Global Virtual Power Plant (VPP) Value and Growth Rate of Centralized Controlled VPP
 - 4.3.2 Global Virtual Power Plant (VPP) Value and Growth Rate of Decentralized Controlled VPP
- 4.4 Global Virtual Power Plant (VPP) Price Analysis by Type (2015-2020)

5 VIRTUAL POWER PLANT (VPP) MARKET, BY APPLICATION

- 5.1 Downstream Market Overview
- 5.2 Global Virtual Power Plant (VPP) Consumption and Market Share by Application (2015-2020)
- 5.3 Global Virtual Power Plant (VPP) Consumption and Growth Rate by Application (2015-2020)
 - 5.3.1 Global Virtual Power Plant (VPP) Consumption and Growth Rate of Defense (2015-2020)
 - 5.3.2 Global Virtual Power Plant (VPP) Consumption and Growth Rate of Government (2015-2020)
 - 5.3.3 Global Virtual Power Plant (VPP) Consumption and Growth Rate of Commercial (2015-2020)

6 GLOBAL VIRTUAL POWER PLANT (VPP) MARKET ANALYSIS BY REGIONS

- 6.1 Global Virtual Power Plant (VPP) Sales, Revenue and Market Share by Regions
 - 6.1.1 Global Virtual Power Plant (VPP) Sales by Regions (2015-2020)
 - 6.1.2 Global Virtual Power Plant (VPP) Revenue by Regions (2015-2020)
- 6.2 North America Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
- 6.3 Europe Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
- 6.4 Asia-Pacific Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
- 6.5 Middle East and Africa Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
- 6.6 South America Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

7 NORTH AMERICA VIRTUAL POWER PLANT (VPP) MARKET ANALYSIS BY

COUNTRIES

7.1 The Influence of COVID-19 on North America Market

7.2 North America Virtual Power Plant (VPP) Sales, Revenue and Market Share by Countries

7.2.1 North America Virtual Power Plant (VPP) Sales by Countries (2015-2020)

7.2.2 North America Virtual Power Plant (VPP) Revenue by Countries (2015-2020)

7.3 United States Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

7.4 Canada Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

7.5 Mexico Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

8 EUROPE VIRTUAL POWER PLANT (VPP) MARKET ANALYSIS BY COUNTRIES

8.1 The Influence of COVID-19 on Europe Market

8.2 Europe Virtual Power Plant (VPP) Sales, Revenue and Market Share by Countries

8.2.1 Europe Virtual Power Plant (VPP) Sales by Countries (2015-2020)

8.2.2 Europe Virtual Power Plant (VPP) Revenue by Countries (2015-2020)

8.3 Germany Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

8.4 UK Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

8.5 France Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

8.6 Italy Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

8.7 Spain Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

8.8 Russia Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

9 ASIA PACIFIC VIRTUAL POWER PLANT (VPP) MARKET ANALYSIS BY COUNTRIES

9.1 The Influence of COVID-19 on Asia Pacific Market

9.2 Asia Pacific Virtual Power Plant (VPP) Sales, Revenue and Market Share by Countries

9.2.1 Asia Pacific Virtual Power Plant (VPP) Sales by Countries (2015-2020)

9.2.2 Asia Pacific Virtual Power Plant (VPP) Revenue by Countries (2015-2020)

9.3 China Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

9.4 Japan Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

9.5 South Korea Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

9.6 India Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

9.7 Southeast Asia Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

9.8 Australia Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

10 MIDDLE EAST AND AFRICA VIRTUAL POWER PLANT (VPP) MARKET ANALYSIS BY COUNTRIES

10.1 The Influence of COVID-19 on Middle East and Africa Market

10.2 Middle East and Africa Virtual Power Plant (VPP) Sales, Revenue and Market Share by Countries

10.2.1 Middle East and Africa Virtual Power Plant (VPP) Sales by Countries (2015-2020)

10.2.2 Middle East and Africa Virtual Power Plant (VPP) Revenue by Countries (2015-2020)

10.3 Saudi Arabia Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

10.4 UAE Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

10.5 Egypt Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

10.6 Nigeria Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

10.7 South Africa Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

11 SOUTH AMERICA VIRTUAL POWER PLANT (VPP) MARKET ANALYSIS BY COUNTRIES

11.1 The Influence of COVID-19 on Middle East and Africa Market

11.2 South America Virtual Power Plant (VPP) Sales, Revenue and Market Share by Countries

11.2.1 South America Virtual Power Plant (VPP) Sales by Countries (2015-2020)

11.2.2 South America Virtual Power Plant (VPP) Revenue by Countries (2015-2020)

11.3 Brazil Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

11.4 Argentina Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

11.5 Columbia Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

11.6 Chile Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

12 COMPETITIVE LANDSCAPE

12.1 Siemens

12.1.1 Siemens Basic Information

12.1.2 Virtual Power Plant (VPP) Product Introduction

12.1.3 Siemens Production, Value, Price, Gross Margin 2015-2020

12.2 Spirae

12.2.1 Spirae Basic Information

12.2.2 Virtual Power Plant (VPP) Product Introduction

12.2.3 Spirae Production, Value, Price, Gross Margin 2015-2020

12.3 Duke Energy

12.3.1 Duke Energy Basic Information

12.3.2 Virtual Power Plant (VPP) Product Introduction

12.3.3 Duke Energy Production, Value, Price, Gross Margin 2015-2020

12.4 GE Digital Energy

12.4.1 GE Digital Energy Basic Information

12.4.2 Virtual Power Plant (VPP) Product Introduction

12.4.3 GE Digital Energy Production, Value, Price, Gross Margin 2015-2020

12.5 Alstom Grid

12.5.1 Alstom Grid Basic Information

12.5.2 Virtual Power Plant (VPP) Product Introduction

12.5.3 Alstom Grid Production, Value, Price, Gross Margin 2015-2020

12.6 Power Analytics

12.6.1 Power Analytics Basic Information

12.6.2 Virtual Power Plant (VPP) Product Introduction

12.6.3 Power Analytics Production, Value, Price, Gross Margin 2015-2020

12.7 Comverge

12.7.1 Comverge Basic Information

12.7.2 Virtual Power Plant (VPP) Product Introduction

12.7.3 Comverge Production, Value, Price, Gross Margin 2015-2020

12.8 Viridity Energy

12.8.1 Viridity Energy Basic Information

12.8.2 Virtual Power Plant (VPP) Product Introduction

12.8.3 Viridity Energy Production, Value, Price, Gross Margin 2015-2020

12.9 ENBALA Power Networks

12.9.1 ENBALA Power Networks Basic Information

12.9.2 Virtual Power Plant (VPP) Product Introduction

12.9.3 ENBALA Power Networks Production, Value, Price, Gross Margin 2015-2020

12.10 Schneider Electric

12.10.1 Schneider Electric Basic Information

12.10.2 Virtual Power Plant (VPP) Product Introduction

12.10.3 Schneider Electric Production, Value, Price, Gross Margin 2015-2020

12.11 Consert

12.11.1 Consert Basic Information

12.11.2 Virtual Power Plant (VPP) Product Introduction

12.11.3 Consert Production, Value, Price, Gross Margin 2015-2020

12.12 Bosch

12.12.1 Bosch Basic Information

12.12.2 Virtual Power Plant (VPP) Product Introduction

- 12.12.3 Bosch Production, Value, Price, Gross Margin 2015-2020
- 12.13 Cooper Power Systems/Eaton
 - 12.13.1 Cooper Power Systems/Eaton Basic Information
 - 12.13.2 Virtual Power Plant (VPP) Product Introduction
 - 12.13.3 Cooper Power Systems/Eaton Production, Value, Price, Gross Margin 2015-2020
- 12.14 Customized Energy
 - 12.14.1 Customized Energy Basic Information
 - 12.14.2 Virtual Power Plant (VPP) Product Introduction
 - 12.14.3 Customized Energy Production, Value, Price, Gross Margin 2015-2020
- 12.15 DONG Energy
 - 12.15.1 DONG Energy Basic Information
 - 12.15.2 Virtual Power Plant (VPP) Product Introduction
 - 12.15.3 DONG Energy Production, Value, Price, Gross Margin 2015-2020
- 12.16 Joule Assets
 - 12.16.1 Joule Assets Basic Information
 - 12.16.2 Virtual Power Plant (VPP) Product Introduction
 - 12.16.3 Joule Assets Production, Value, Price, Gross Margin 2015-2020
- 12.17 IBM
 - 12.17.1 IBM Basic Information
 - 12.17.2 Virtual Power Plant (VPP) Product Introduction
 - 12.17.3 IBM Production, Value, Price, Gross Margin 2015-2020
- 12.18 Power Assure
 - 12.18.1 Power Assure Basic Information
 - 12.18.2 Virtual Power Plant (VPP) Product Introduction
 - 12.18.3 Power Assure Production, Value, Price, Gross Margin 2015-2020
- 12.19 Ventyx/ABB
 - 12.19.1 Ventyx/ABB Basic Information
 - 12.19.2 Virtual Power Plant (VPP) Product Introduction
 - 12.19.3 Ventyx/ABB Production, Value, Price, Gross Margin 2015-2020
- 12.20 RWE
 - 12.20.1 RWE Basic Information
 - 12.20.2 Virtual Power Plant (VPP) Product Introduction
 - 12.20.3 RWE Production, Value, Price, Gross Margin 2015-2020

13 INDUSTRY OUTLOOK

- 13.1 Market Driver Analysis
 - 13.1.2 Market Restraints Analysis

- 13.1.3 Market Trends Analysis
- 13.2 Merger, Acquisition and New Investment
- 13.3 News of Product Release

14 GLOBAL VIRTUAL POWER PLANT (VPP) MARKET FORECAST

14.1 Global Virtual Power Plant (VPP) Market Value & Volume Forecast, by Type (2020-2025)

- 14.1.1 Centralized Controlled VPP Market Value and Volume Forecast (2020-2025)
- 14.1.2 Decentralized Controlled VPP Market Value and Volume Forecast (2020-2025)
- 14.2 Global Virtual Power Plant (VPP) Market Value & Volume Forecast, by Application (2020-2025)

- 14.2.1 Defense Market Value and Volume Forecast (2020-2025)
- 14.2.2 Government Market Value and Volume Forecast (2020-2025)
- 14.2.3 Commercial Market Value and Volume Forecast (2020-2025)
- 14.3 Virtual Power Plant (VPP) Market Analysis and Forecast by Region
 - 14.3.1 North America Market Value and Consumption Forecast (2020-2025)
 - 14.3.2 Europe Market Value and Consumption Forecast (2020-2025)
 - 14.3.3 Asia Pacific Market Value and Consumption Forecast (2020-2025)
 - 14.3.4 Middle East and Africa Market Value and Consumption Forecast (2020-2025)
 - 14.3.5 South America Market Value and Consumption Forecast (2020-2025)

15 NEW PROJECT FEASIBILITY ANALYSIS

- 15.1 Industry Barriers and New Entrants SWOT Analysis
 - 15.1.1 Porter's Five Forces Analysis
 - 15.1.2 New Entrants SWOT Analysis
- 15.2 Analysis and Suggestions on New Project Investment

List Of Tables

LIST OF TABLES AND FIGURES

Figure Product Picture of Virtual Power Plant (VPP)

Table Product Specification of Virtual Power Plant (VPP)

Table Virtual Power Plant (VPP) Key Market Segments

Table Key Players Virtual Power Plant (VPP) Covered

Figure Global Virtual Power Plant (VPP) Market Size, 2015 – 2025

Table Different Types of Virtual Power Plant (VPP)

Figure Global Virtual Power Plant (VPP) Value (\$) Segment by Type from 2015-2020

Figure Global Virtual Power Plant (VPP) Market Share by Types in 2019

Table Different Applications of Virtual Power Plant (VPP)

Figure Global Virtual Power Plant (VPP) Value (\$) Segment by Applications from 2015-2020

Figure Global Virtual Power Plant (VPP) Market Share by Applications in 2019

Figure Global Virtual Power Plant (VPP) Market Share by Regions in 2019

Figure North America Virtual Power Plant (VPP) Production Value (\$) and Growth Rate (2015-2020)

Figure Europe Virtual Power Plant (VPP) Production Value (\$) and Growth Rate (2015-2020)

Figure Asia Pacific Virtual Power Plant (VPP) Production Value (\$) and Growth Rate (2015-2020)

Figure Middle East and Africa Virtual Power Plant (VPP) Production Value (\$) and Growth Rate (2015-2020)

Figure South America Virtual Power Plant (VPP) Production Value (\$) and Growth Rate (2015-2020)

Table Global COVID-19 Status and Economic Overview

Figure Global COVID-19 Status

Figure COVID-19 Comparison of Major Countries

Figure Industry Chain Analysis of Virtual Power Plant (VPP)

Table Upstream Raw Material Suppliers of Virtual Power Plant (VPP) with Contact Information

Table Major Players Headquarters, and Service Area of Virtual Power Plant (VPP)

Figure Major Players Production Value Market Share of Virtual Power Plant (VPP) in 2019

Table Major Players Virtual Power Plant (VPP) Product Types in 2019

Figure Production Process of Virtual Power Plant (VPP)

Figure Manufacturing Cost Structure of Virtual Power Plant (VPP)

Figure Channel Status of Virtual Power Plant (VPP)

Table Major Distributors of Virtual Power Plant (VPP) with Contact Information

Table Major Downstream Buyers of Virtual Power Plant (VPP) with Contact Information

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

Table Global Virtual Power Plant (VPP) Value Share by Type (2015-2020)

Figure Global Virtual Power Plant (VPP) Value Share by Type (2015-2020)

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

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

Figure Global Virtual Power Plant (VPP) Production Share by Type (2015-2020)

Figure Global Virtual Power Plant (VPP) Value (\$) and Growth Rate of Centralized Controlled VPP (2015-2020)

Figure Global Virtual Power Plant (VPP) Value (\$) and Growth Rate of Decentralized Controlled VPP (2015-2020)

Figure Global Virtual Power Plant (VPP) Price by Type (2015-2020)

Figure Downstream Market Overview

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

Table Global Virtual Power Plant (VPP) Consumption Market Share by Application (2015-2020)

Figure Global Virtual Power Plant (VPP) Consumption Market Share by Application (2015-2020)

Figure Global Virtual Power Plant (VPP) Consumption and Growth Rate of Defense (2015-2020)

Figure Global Virtual Power Plant (VPP) Consumption and Growth Rate of Government (2015-2020)

Figure Global Virtual Power Plant (VPP) Consumption and Growth Rate of Commercial (2015-2020)

Figure Global Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure Global Virtual Power Plant (VPP) Revenue (M USD) and Growth (2015-2020)

Table Global Virtual Power Plant (VPP) Sales by Regions (2015-2020)

Table Global Virtual Power Plant (VPP) Sales Market Share by Regions (2015-2020)

Table Global Virtual Power Plant (VPP) Revenue (M USD) by Regions (2015-2020)

Table Global Virtual Power Plant (VPP) Revenue Market Share by Regions (2015-2020)

Table Global Virtual Power Plant (VPP) Revenue Market Share by Regions in 2015

Table Global Virtual Power Plant (VPP) Revenue Market Share by Regions in 2019

Figure North America Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure Europe Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure Asia-Pacific Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure Middle East and Africa Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure South America Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure North America COVID-19 Status

Figure North America COVID-19 Confirmed Cases Major Distribution

Figure North America Virtual Power Plant (VPP) Revenue (M USD) and Growth (2015-2020)

Table North America Virtual Power Plant (VPP) Sales by Countries (2015-2020)

Table North America Virtual Power Plant (VPP) Sales Market Share by Countries (2015-2020)

Table North America Virtual Power Plant (VPP) Revenue (M USD) by Countries (2015-2020)

Table North America Virtual Power Plant (VPP) Revenue Market Share by Countries (2015-2020)

Figure United States Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure Canada Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure Mexico Virtual Power Plant (VPP) Sales and Growth (2015-2020)

Figure Europe COVID-19 Status

Figure Europe COVID-19 Confirmed Cases Major Distribution

Figure Europe Virtual Power Plant (VPP) Revenue (M USD) and Growth (2015-2020)

Table Europe Virtual Power Plant (VPP) Sales by Countries (2015-2020)

Table Europe Virtual Power Plant (VPP) Sales Market Share by Countries (2015-2020)

Table Europe Virtual Power Plant (VPP) Revenue (M USD) by Countries (2015-2020)

Table Europe Virtual Power Plant (VPP) Revenue Market Share by Countries (2015-2020)

Figure Germany Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure UK Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)

Figure France Virtual Power Plant (VPP) Sales and Growth (2015-2020)

Figure Italy Virtual Power Plant (VPP) Sales and Growth (2015-2020)

Figure Spain Virtual Power Plant (VPP) Sales and Growth (2015-2020)

Figure Russia Virtual Power Plant (VPP) Sales and Growth (2015-2020)

Figure Asia Pacific COVID-19 Status

Figure Asia Pacific Virtual Power Plant (VPP) Revenue (M USD) and Growth (2015-2020)

Table Asia Pacific Virtual Power Plant (VPP) Sales by Countries (2015-2020)

Table Asia Pacific Virtual Power Plant (VPP) Sales Market Share by Countries (2015-2020)

Table Asia Pacific Virtual Power Plant (VPP) Revenue (M USD) by Countries (2015-2020)

Table Asia Pacific Virtual Power Plant (VPP) Revenue Market Share by Countries (2015-2020)

Figure China Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
Figure Japan Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
Figure South Korea Virtual Power Plant (VPP) Sales and Growth (2015-2020)
Figure India Virtual Power Plant (VPP) Sales and Growth (2015-2020)
Figure Southeast Asia Virtual Power Plant (VPP) Sales and Growth (2015-2020)
Figure Australia Virtual Power Plant (VPP) Sales and Growth (2015-2020)
Figure Middle East Virtual Power Plant (VPP) Revenue (M USD) and Growth (2015-2020)
Table Middle East Virtual Power Plant (VPP) Sales by Countries (2015-2020)
Table Middle East and Africa Virtual Power Plant (VPP) Sales Market Share by Countries (2015-2020)
Table Middle East and Africa Virtual Power Plant (VPP) Revenue (M USD) by Countries (2015-2020)
Table Middle East and Africa Virtual Power Plant (VPP) Revenue Market Share by Countries (2015-2020)
Figure Saudi Arabia Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
Figure UAE Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
Figure Egypt Virtual Power Plant (VPP) Sales and Growth (2015-2020)
Figure Nigeria Virtual Power Plant (VPP) Sales and Growth (2015-2020)
Figure South Africa Virtual Power Plant (VPP) Sales and Growth (2015-2020)
Figure South America Virtual Power Plant (VPP) Revenue (M USD) and Growth (2015-2020)
Table South America Virtual Power Plant (VPP) Sales by Countries (2015-2020)
Table South America Virtual Power Plant (VPP) Sales Market Share by Countries (2015-2020)
Table South America Virtual Power Plant (VPP) Revenue (M USD) by Countries (2015-2020)
Table South America Virtual Power Plant (VPP) Revenue Market Share by Countries (2015-2020)
Figure Brazil Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
Figure Argentina Virtual Power Plant (VPP) Sales and Growth Rate (2015-2020)
Figure Columbia Virtual Power Plant (VPP) Sales and Growth (2015-2020)
Figure Chile Virtual Power Plant (VPP) Sales and Growth (2015-2020)
Figure Top 3 Market Share of Virtual Power Plant (VPP) Companies in 2019
Figure Top 6 Market Share of Virtual Power Plant (VPP) Companies in 2019
Table Major Players Production Value (\$) Share (2015-2020)
Table Siemens Profile
Table Siemens Product Introduction
Figure Siemens Production and Growth Rate

Figure Siemens Value (\$) Market Share 2015-2020
Table Spirae Profile
Table Spirae Product Introduction
Figure Spirae Production and Growth Rate
Figure Spirae Value (\$) Market Share 2015-2020
Table Duke Energy Profile
Table Duke Energy Product Introduction
Figure Duke Energy Production and Growth Rate
Figure Duke Energy Value (\$) Market Share 2015-2020
Table GE Digital Energy Profile
Table GE Digital Energy Product Introduction
Figure GE Digital Energy Production and Growth Rate
Figure GE Digital Energy Value (\$) Market Share 2015-2020
Table Alstom Grid Profile
Table Alstom Grid Product Introduction
Figure Alstom Grid Production and Growth Rate
Figure Alstom Grid Value (\$) Market Share 2015-2020
Table Power Analytics Profile
Table Power Analytics Product Introduction
Figure Power Analytics Production and Growth Rate
Figure Power Analytics Value (\$) Market Share 2015-2020
Table Comverge Profile
Table Comverge Product Introduction
Figure Comverge Production and Growth Rate
Figure Comverge Value (\$) Market Share 2015-2020
Table Viridity Energy Profile
Table Viridity Energy Product Introduction
Figure Viridity Energy Production and Growth Rate
Figure Viridity Energy Value (\$) Market Share 2015-2020
Table ENBALA Power Networks Profile
Table ENBALA Power Networks Product Introduction
Figure ENBALA Power Networks Production and Growth Rate
Figure ENBALA Power Networks Value (\$) Market Share 2015-2020
Table Schneider Electric Profile
Table Schneider Electric Product Introduction
Figure Schneider Electric Production and Growth Rate
Figure Schneider Electric Value (\$) Market Share 2015-2020
Table Consort Profile
Table Consort Product Introduction

Figure Consort Production and Growth Rate
Figure Consort Value (\$) Market Share 2015-2020
Table Bosch Profile
Table Bosch Product Introduction
Figure Bosch Production and Growth Rate
Figure Bosch Value (\$) Market Share 2015-2020
Table Cooper Power Systems/Eaton Profile
Table Cooper Power Systems/Eaton Product Introduction
Figure Cooper Power Systems/Eaton Production and Growth Rate
Figure Cooper Power Systems/Eaton Value (\$) Market Share 2015-2020
Table Customized Energy Profile
Table Customized Energy Product Introduction
Figure Customized Energy Production and Growth Rate
Figure Customized Energy Value (\$) Market Share 2015-2020
Table DONG Energy Profile
Table DONG Energy Product Introduction
Figure DONG Energy Production and Growth Rate
Figure DONG Energy Value (\$) Market Share 2015-2020
Table Joule Assets Profile
Table Joule Assets Product Introduction
Figure Joule Assets Production and Growth Rate
Figure Joule Assets Value (\$) Market Share 2015-2020
Table IBM Profile
Table IBM Product Introduction
Figure IBM Production and Growth Rate
Figure IBM Value (\$) Market Share 2015-2020
Table Power Assure Profile
Table Power Assure Product Introduction
Figure Power Assure Production and Growth Rate
Figure Power Assure Value (\$) Market Share 2015-2020
Table Ventyx/ABB Profile
Table Ventyx/ABB Product Introduction
Figure Ventyx/ABB Production and Growth Rate
Figure Ventyx/ABB Value (\$) Market Share 2015-2020
Table RWE Profile
Table RWE Product Introduction
Figure RWE Production and Growth Rate
Figure RWE Value (\$) Market Share 2015-2020
Table Market Driving Factors of Virtual Power Plant (VPP)

Table Merger, Acquisition and New Investment

Table Global Virtual Power Plant (VPP) Market Value (\$) Forecast, by Type

Table Global Virtual Power Plant (VPP) Market Volume Forecast, by Type

Figure Global Virtual Power Plant (VPP) Market Value (\$) and Growth Rate Forecast of Centralized Controlled VPP (2020-2025)

Figure Global Virtual Power Plant (VPP) Market Volume (\$) and Growth Rate Forecast of Centralized Controlled VPP (2020-2025)

Figure Global Virtual Power Plant (VPP) Market Value (\$) and Growth Rate Forecast of Decentralized Controlled VPP (2020-2025)

Figure Global Virtual Power Plant (VPP) Market Volume (\$) and Growth Rate Forecast of Decentralized Controlled VPP (2020-2025)

Table Global Market Value (\$) Forecast by Application (2020-2025)

Table Global Market Volume Forecast by Application (2020-2025)

Figure Market Value (\$) and Growth Rate Forecast of Defense (2020-2025)

Figure Market Volume and Growth Rate Forecast of Defense (2020-2025)

Figure Market Value (\$) and Growth Rate Forecast of Government (2020-2025)

Figure Market Volume and Growth Rate Forecast of Government (2020-2025)

Figure Market Value (\$) and Growth Rate Forecast of Commercial (2020-2025)

Figure Market Volume and Growth Rate Forecast of Commercial (2020-2025)

Figure North America Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure North America Consumption and Growth Rate Forecast (2020-2025)

Figure Europe Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure Europe Consumption and Growth Rate Forecast (2020-2025)

Figure Asia Pacific Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure Asia Pacific Consumption and Growth Rate Forecast (2020-2025)

Figure Middle East and Africa Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure Middle East and Africa Consumption and Growth Rate Forecast (2020-2025)

Figure South America Market Value (\$) and Growth Rate Forecast (2020-2025)

Figure South America Consumption and Growth Rate Forecast (2020-2025)

Figure Porter's Five Forces Analysis

Table New Entrants SWOT Analysis

Table New Project Analysis of Investment Recovery

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