

# Virtual Power Plant (VPP) Industry Research Report 2023

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## Abstracts

This report aims to provide a comprehensive presentation of the global market for Virtual Power Plant (VPP), with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Virtual Power Plant (VPP).

The Virtual Power Plant (VPP) market size, estimations, and forecasts are provided in terms of and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Virtual Power Plant (VPP) market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Virtual Power Plant (VPP) companies, new entrants, and industry chain related companies in this market with information on the revenues for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

## Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and

developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue by companies for the period 2017-2022. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

?rsted

Duke Energy

RWE

Enbala

Bosch

GE Digital Energy

EnerNOC

Schneider Electric?AutoGrid?

Siemens

Viridity Energy

## Product Type Insights

Global markets are presented by Virtual Power Plant (VPP) type, along with growth forecasts through 2029. Estimates on revenue are based on the price in the supply chain at which the Virtual Power Plant (VPP) are procured by the companies.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows revenue data by type, and during the historical period

(2018-2023) and forecast period (2024-2029).

## Virtual Power Plant (VPP) segment by Type

OC Model

FM Model

## Application Insights

This report has provided the market size (revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Virtual Power Plant (VPP) market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Virtual Power Plant (VPP) market.

## Virtual Power Plant (VPP) Segment by Application

Commercial

Industrial

Residential

## Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America, Middle East & Africa. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan,

South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast revenue for 2029.

## North America

United States

Canada

## Europe

Germany

France

UK

Italy

Russia

Nordic Countries

Rest of Europe

## Asia-Pacific

China

Japan

South Korea

Southeast Asia

India

Australia

Rest of Asia

Latin America

Mexico

Brazil

Rest of Latin America

Middle East & Africa

Turkey

Saudi Arabia

UAE

Rest of MEA

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Virtual Power Plant (VPP) market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

## Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Virtual Power Plant (VPP) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Virtual Power Plant (VPP) and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Virtual Power Plant (VPP) industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Virtual Power Plant (VPP).

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each

market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Provides the analysis of various market segments product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 4: Provides the analysis of various market segments application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 5: Introduces executive summary of global market size, regional market size, this section also introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by companies in the industry, and the analysis of relevant policies in the industry.

Chapter 6: Detailed analysis of Virtual Power Plant (VPP) companies' competitive landscape, revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 7, 8, 9, 10, 11: North America, Europe, Asia Pacific, Latin America, Middle East and Africa segment by country. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 12: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 13: The main points and conclusions of the report.

## Contents

### **1 PREFACE**

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### **2 MARKET OVERVIEW**

- 2.1 Product Definition
- 2.2 Virtual Power Plant (VPP) by Type
  - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029)
  - 1.2.2 OC Model
  - 1.2.3 FM Model
- 2.3 Virtual Power Plant (VPP) by Application
  - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029)
  - 2.3.2 Commercial
  - 2.3.3 Industrial
  - 2.3.4 Residential
- 2.4 Assumptions and Limitations

### **3 VIRTUAL POWER PLANT (VPP) BREAKDOWN DATA BY TYPE**

- 3.1 Global Virtual Power Plant (VPP) Historic Market Size by Type (2018-2023)
- 3.2 Global Virtual Power Plant (VPP) Forecasted Market Size by Type (2023-2028)

### **4 VIRTUAL POWER PLANT (VPP) BREAKDOWN DATA BY APPLICATION**

- 4.1 Global Virtual Power Plant (VPP) Historic Market Size by Application (2018-2023)
- 4.2 Global Virtual Power Plant (VPP) Forecasted Market Size by Application (2018-2023)

### **5 GLOBAL GROWTH TRENDS**



- 5.1 Global Virtual Power Plant (VPP) Market Perspective (2018-2029)
- 5.2 Global Virtual Power Plant (VPP) Growth Trends by Region
  - 5.2.1 Global Virtual Power Plant (VPP) Market Size by Region: 2018 VS 2022 VS 2029
  - 5.2.2 Virtual Power Plant (VPP) Historic Market Size by Region (2018-2023)
  - 5.2.3 Virtual Power Plant (VPP) Forecasted Market Size by Region (2024-2029)
- 5.3 Virtual Power Plant (VPP) Market Dynamics
  - 5.3.1 Virtual Power Plant (VPP) Industry Trends
  - 5.3.2 Virtual Power Plant (VPP) Market Drivers
  - 5.3.3 Virtual Power Plant (VPP) Market Challenges
  - 5.3.4 Virtual Power Plant (VPP) Market Restraints

## **6 MARKET COMPETITIVE LANDSCAPE BY PLAYERS**

- 6.1 Global Top Virtual Power Plant (VPP) Players by Revenue
  - 6.1.1 Global Top Virtual Power Plant (VPP) Players by Revenue (2018-2023)
  - 6.1.2 Global Virtual Power Plant (VPP) Revenue Market Share by Players (2018-2023)
- 6.2 Global Virtual Power Plant (VPP) Industry Players Ranking, 2021 VS 2022 VS 2023
- 6.3 Global Key Players of Virtual Power Plant (VPP) Head office and Area Served
- 6.4 Global Virtual Power Plant (VPP) Players, Product Type & Application
- 6.5 Global Virtual Power Plant (VPP) Players, Date of Enter into This Industry
- 6.6 Global Virtual Power Plant (VPP) Market CR5 and HHI
- 6.7 Global Players Mergers & Acquisition

## **7 NORTH AMERICA**

- 7.1 North America Virtual Power Plant (VPP) Market Size (2018-2029)
- 7.2 North America Virtual Power Plant (VPP) Market Growth Rate by Country: 2018 VS 2022 VS 2029
- 7.3 North America Virtual Power Plant (VPP) Market Size by Country (2018-2023)
- 7.4 North America Virtual Power Plant (VPP) Market Size by Country (2024-2029)
- 7.5 United States
- 7.6 Canada

## **8 EUROPE**

- 8.1 Europe Virtual Power Plant (VPP) Market Size (2018-2029)
- 8.2 Europe Virtual Power Plant (VPP) Market Growth Rate by Country: 2018 VS 2022 VS 2029

8.3 Europe Virtual Power Plant (VPP) Market Size by Country (2018-2023)

8.4 Europe Virtual Power Plant (VPP) Market Size by Country (2024-2029)

7.4 Germany

7.5 France

7.6 U.K.

7.7 Italy

7.8 Russia

7.9 Nordic Countries

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Virtual Power Plant (VPP) Market Size (2018-2029)

9.2 Asia-Pacific Virtual Power Plant (VPP) Market Growth Rate by Country: 2018 VS 2022 VS 2029

9.3 Asia-Pacific Virtual Power Plant (VPP) Market Size by Country (2018-2023)

9.4 Asia-Pacific Virtual Power Plant (VPP) Market Size by Country (2024-2029)

8.4 China

8.5 Japan

8.6 South Korea

8.7 Southeast Asia

8.8 India

8.9 Australia

## **10 LATIN AMERICA**

10.1 Latin America Virtual Power Plant (VPP) Market Size (2018-2029)

10.2 Latin America Virtual Power Plant (VPP) Market Growth Rate by Country: 2018 VS 2022 VS 2029

10.3 Latin America Virtual Power Plant (VPP) Market Size by Country (2018-2023)

10.4 Latin America Virtual Power Plant (VPP) Market Size by Country (2024-2029)

9.4 Mexico

9.5 Brazil

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Virtual Power Plant (VPP) Market Size (2018-2029)

11.2 Middle East & Africa Virtual Power Plant (VPP) Market Growth Rate by Country: 2018 VS 2022 VS 2029

11.3 Middle East & Africa Virtual Power Plant (VPP) Market Size by Country

(2018-2023)

11.4 Middle East & Africa Virtual Power Plant (VPP) Market Size by Country

(2024-2029)

10.4 Turkey

10.5 Saudi Arabia

10.6 UAE

## **12 PLAYERS PROFILED**

11.1 ?rsted

11.1.1 ?rsted Company Detail

11.1.2 ?rsted Business Overview

11.1.3 ?rsted Virtual Power Plant (VPP) Introduction

11.1.4 ?rsted Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.1.5 ?rsted Recent Development

11.2 Duke Energy

11.2.1 Duke Energy Company Detail

11.2.2 Duke Energy Business Overview

11.2.3 Duke Energy Virtual Power Plant (VPP) Introduction

11.2.4 Duke Energy Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.2.5 Duke Energy Recent Development

11.3 RWE

11.3.1 RWE Company Detail

11.3.2 RWE Business Overview

11.3.3 RWE Virtual Power Plant (VPP) Introduction

11.3.4 RWE Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.3.5 RWE Recent Development

11.4 Enbala

11.4.1 Enbala Company Detail

11.4.2 Enbala Business Overview

11.4.3 Enbala Virtual Power Plant (VPP) Introduction

11.4.4 Enbala Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.4.5 Enbala Recent Development

11.5 Bosch

11.5.1 Bosch Company Detail

11.5.2 Bosch Business Overview

11.5.3 Bosch Virtual Power Plant (VPP) Introduction

11.5.4 Bosch Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.5.5 Bosch Recent Development

## 11.6 GE Digital Energy

11.6.1 GE Digital Energy Company Detail

11.6.2 GE Digital Energy Business Overview

11.6.3 GE Digital Energy Virtual Power Plant (VPP) Introduction

11.6.4 GE Digital Energy Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.6.5 GE Digital Energy Recent Development

## 11.7 EnerNOC

11.7.1 EnerNOC Company Detail

11.7.2 EnerNOC Business Overview

11.7.3 EnerNOC Virtual Power Plant (VPP) Introduction

11.7.4 EnerNOC Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.7.5 EnerNOC Recent Development

## 11.8 Schneider Electric?AutoGrid?

11.8.1 Schneider Electric?AutoGrid? Company Detail

11.8.2 Schneider Electric?AutoGrid? Business Overview

11.8.3 Schneider Electric?AutoGrid? Virtual Power Plant (VPP) Introduction

11.8.4 Schneider Electric?AutoGrid? Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.8.5 Schneider Electric?AutoGrid? Recent Development

## 11.9 Siemens

11.9.1 Siemens Company Detail

11.9.2 Siemens Business Overview

11.9.3 Siemens Virtual Power Plant (VPP) Introduction

11.9.4 Siemens Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.9.5 Siemens Recent Development

## 11.10 Viridity Energy

11.10.1 Viridity Energy Company Detail

11.10.2 Viridity Energy Business Overview

11.10.3 Viridity Energy Virtual Power Plant (VPP) Introduction

11.10.4 Viridity Energy Revenue in Virtual Power Plant (VPP) Business (2017-2022)

11.10.5 Viridity Energy Recent Development

## 13 REPORT CONCLUSION

## 14 DISCLAIMER

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