

China Distributed Power Generation (DPG) Market: Size, Trends & Forecasts (2018-2022)

<https://marketpublishers.com/r/C4B1B8AEC4DEN.html>

Date: March 2018

Pages: 55

Price: US\$ 800.00 (Single User License)

ID: C4B1B8AEC4DEN

Abstracts

Scope of the Report

The report titled “China Distributed Power Generation (DPG) Market: Size, Trends & Forecasts (2018-2022)”, delivers an in-depth analysis of the China DPG market with comprehensive analysis of market sizing and growth. The analysis includes market size in terms of installation capacity, market share by segments and by penetration rate. A detailed analysis of market segment has also been provided in the report with their actual and forecasted value.

Furthermore, the report also assesses the key opportunities available in the market and outlines the factors that are and will be driving the growth of the industry. Growth of China DPG market has also been forecasted for the period 2018-2022, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

Currently there are only few major players in the market which are competing with each other. VPower is one of the major players in China DPG market. Aggreko plc., APR Energy Ltd., and VPower company profiling has done in the report, which include their business overview, financial overview and respective business strategies.

Company Coverage

Aggreko plc.

APR Energy Ltd

VPower Group International

Executive Summary

Distributed power generation (DPG) as the name implies refers to the distribution of power that is generated on-site at or very close, to the location where it can be utilized. Conventional power distribution such as coal-fired, gas and nuclear powered plants are mostly centralized and require electrical energy to be distributed over long distances. During centralized transmission lot of electricity is wasted, therefore to overcome such problems distributed generation came into existence.

Distributed power generation project has a total capacity of 10-200MW and generally installed close to the end-users, by combining a number of PGSs fueled by gas, biomass, oil, wind, etc. On the basis of fuel type, distributed power generations can be categorized into five major segments: biomass, wind, solar, gas and small hydro.

China DPG market in terms of installation capacity has shown continuous growth trends over the past few years and is anticipated that the market would boom in the coming years also. China DPG market is expected to grow on the back of rising demand for electricity, increasing use of solar technology in power distribution, environmental policies set by government, growth of digital technologies and adoption of net metering policy. However, the growth of the market is restrained by some major factors such as lack of efficient price mechanism, deficiency of development strategy & planning, etc.

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

2.1 Distributed Power Generation (DPG) Overview

- 2.1.1 Distributed Power Generation: An Introduction
- 2.1.2 Distributed Power Generation Project Types
- 2.1.3 Distributed Power Generation Types
- 2.1.4 Distributed Power Generation Benefits
- 2.1.5 Distributed Power Generation Technologies

3. MARKET ANALYSIS

3.1 China DPG Market Analysis

- 3.1.1 China DPG Market by Installation Capacity
- 3.1.2 China DPG Installation Capacity by Fuel/Segments (distributed wind generation, distributed photovoltaic (solar), small hydropower, biomass, and gas-fired distribution generation)
- 3.1.3 China DPG Market by Penetration Rate
- 3.2 China DPG Market: Segment Analysis
 - 3.2.1 China Biomass DPG Market by Installation Capacity
 - 3.2.2 China Wind DPG Market by Installation Capacity
 - 3.2.3 China Solar DPG Market by Installation Capacity
 - 3.2.4 China Gas DPG Market by Installation Capacity
 - 3.2.5 China Small Hydro DPG Market by Installation Capacity

4. MARKET DYNAMICS

4.1 Growth Drivers

- 4.1.1 Environmental Policy Goals by Government
- 4.1.2 Growth of Natural Gas Networks
- 4.1.3 Rising Demand for Electricity
- 4.1.4 Increasing Use of Solar Technology in Distributed Generation
- 4.1.5 Reduction of Carbon Emissions from Power Generation Sources

4.2 Challenges

- 4.2.1 Lack of Efficient Pricing Mechanism
- 4.2.2 Economic Problems Caused by Poorly Matched Systems

4.2.3 Lack of Data and Information

4.2.4 Deficiency of Development Strategy and Planning

4.3 Market Trends

4.3.1 Growth of Digital Technologies

4.3.2 Rising Tide of Natural Disasters

4.3.3 Net Metering Policy

4.3.4 Rising Energy Demand that Favor DPG

5. COMPETITIVE LANDSCAPE

5.1 Southeast Asia DPG Market Players Comparison by Features

5.2 VPower and Aggreko's Power Solution Segments Comparison

6. COMPANY PROFILES

6.1 Aggreko plc.

6.1.1 Business Overview

6.1.2 Financial Overview

6.1.3 Business Strategy

6.2 APR Energy Ltd

6.2.1 Business Overview

6.2.2 Financial Overview

6.2.3 Business Strategy

6.3 VPower Group International

6.3.1 Business Overview

6.3.2 Financial Overview

6.3.3 Business Strategy

List Of Figures

LIST OF FIGURES

Figure 1: Distributed Power Generation Types

Figure 2: China DPG Market by Installation Capacity; 2012-2017 (Gigawatt)

Figure 3: China DPG Market by Installation Capacity; 2018-2022E (Gigawatt)

Figure 4: China DPG Installation Capacity by Fuel/Segments; 2017

Figure 5: China DPG Market by Penetration Rate; 2012-2017 (%)

Figure 6: China DPG Market by Penetration Rate; 2018-2022E (%)

Figure 7: China Biomass DPG Market by Installation Capacity; 2012-2017 (Gigawatt)

Figure 8: China Biomass DPG Market by Installation Capacity; 2018-2022E (Gigawatt)

Figure 9: China Wind DPG Market by Installation Capacity; 2012-2017 (Gigawatt)

Figure 10: China Wind DPG Market by Installation Capacity; 2018-2022E (Gigawatt)

Figure 11: China Solar DPG Market by Installation Capacity; 2012-2017 (Gigawatt)

Figure 12: China Solar DPG Market by Installation Capacity; 2018-2022E (Gigawatt)

Figure 13: China Gas DPG Market by Installation Capacity; 2012-2017 (Gigawatt)

Figure 14: China Gas DPG Market by Installation Capacity; 2018-2022E (Gigawatt)

Figure 15: China Small Hydro DPG Market by Installation Capacity; 2012-2017
(Gigawatt)

Figure 16: China Small Hydro DPG Market by Installation Capacity; 2018-2022E
(Gigawatt)

Figure 17: China Gross Electricity Consumption; 2016-2017 (TWh)

Figure 18: China Cumulative Installed Solar Power Capacity; 2015-2016 (Gigawatts)

Figure 19: Aggreko Plc. Revenue; 2013-2017 (US\$ Billion)

Figure 20: Aggreko Plc. Revenue by Segments; 2017

Figure 21: VPower Group International Revenue; 2015-2017 (US\$ Million)

Figure 22: VPower Group International Revenue by Segments; 2016

Figure 23: VPower Installed DPG Capacity; 2012-2016 (Megawatt)

List Of Tables

LIST OF TABLES

Table 1: Distributed Generation Systems

Table 2: Overview of Gen-Set, PGS and DPG

Table 3: Distributed Power Generation Project Types

Table 4: Southeast Asia DPG Market Players Comparison by Features

Table 5: VPower and Aggreko's Power Solution Segments Comparison

I would like to order

Product name: China Distributed Power Generation (DPG) Market: Size, Trends & Forecasts (2018-2022)

Product link: <https://marketpublishers.com/r/C4B1B8AEC4DEN.html>

Price: US\$ 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 <https://marketpublishers.com/r/C4B1B8AEC4DEN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

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

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

