

China Micro-grid Technology Progress and Prospects Forecast Report, 2013-2018

目 录

CONTENTS

Chapter 1: Development Experience and Trend of Foreign Micro-grid

1.1 Basic Problems of Micro-grid

- 1.1.1 Definition of Micro-grid
- 1.1.2 Structure of Micro-grid
- 1.1.3 Major Application Fields of Micro-grid

1.2 Investment Trend of Global Micro-grid

- 1.2.1 Policy Environment of Global Micro-grid
- 1.2.2 Investment Status of Global Micro-grid
 - (1) Market Size of Micro-grid
 - (2) Application Fields' Distribution of Micro-grid
 - (3) Benchmark Projects of Micro-grid
- 1.2.3 Investment Trend of Global Micro-grid

1.3 Experiences of Micro-grid in Leading Countries in the World

- 1.3.1 Development of Micro-grid in America
 - (1) Research Progress of Micro-grid in America
 - (2) Application Status of Micro-grid in America
- 1.3.2 Development of Micro-grid in Europe
 - (1) Research Progress of Micro-grid in Europe
 - (2) Application Status of Micro-grid in Europe
- 1.3.3 Development of Micro-grid in Japan
 - (1) Research Progress of Micro-grid in Japan
 - (2) Application Status of Micro-grid in Japan
- 1.3.4 Experience of Micro-grid in Leading Countries for Reference

Chapter 2: Development Environment and Status of Micro-grid in China

2.1 Policy Environment of Micro-grid in China

- 2.1.1 Standard System of Micro-grid in China
 - (1) Standard System Framework of Micro-grid
 - (2) Standard Researches of Micro-grid
 - (3) Standard System Research of Micro-grid
- 2.1.2 Relevant Policies of Micro-grid in China
 - (1) Relevant Policies of Renewable Energy Sources
 - (2) Relevant Policies of Distributed Energy Resources
 - (3) Relevant Policies of Smart Power Grid
 - (4) Relevant Policies of Micro-grid
- 2.1.3 Policy and Management System of Micro-grid
 - (1) Access System of Micro-grid
 - (2) Grid Connection Management of Micro-grid
 - (3) Grid Connection Fee of Micro-grid
 - (4) Electric Quantity Internet of Micro-grid

2.2 Development Status of Micro-grid in China

- 2.2.1 Development Overview of Micro-grid in China
- 2.2.2 Application Fields of Micro-grid in China
 - (1) Micro-grid in Urban Area
 - (2) Micro-grid in Remote Area
- 2.2.3 Benchmark Projects of Micro-grid in China
- 2.2.4 Assessment of Micro-grid Market Size in China

2.3 Competitive Structure of Micro-grid in China

- 2.3.1 Major Researching Parts of China Micro-grid Technology
- 2.3.2 Major Construction Parts of China Micro-grid Projects

Chapter 3: Development of China Micro-grid Core Technology

3.1 Development of Renewable Energy Power Generation and Energy Storage Technology

- 3.1.1 Development of Renewable Energy Power Generation
 - (1) Research Keys of Renewable Energy Power Generation Technology
 - (2) Introduction of Major Renewable Energy Power Generation Technology
 - (3) Research Progress of Renewable Energy Power Generation Technology
- 3.1.2 Development of Energy Storage Technology
 - (1) Research Keys of Energy Storage Technology
 - (2) Introduction of Major Energy Storage Technology
 - (3) Research Progress of Energy Storage Technology

3.2 Development of Power Electronics

- 3.2.1 Development of Power Electronic Device Manufacturing Technology
 - (1) Research Keys of Power Electronic Device Manufacturing Technology
 - (2) Introduction of Major Power Electronic Device Manufacturing Technology
 - (3) Research Progress of Power Electronic Device Manufacturing Technology
- 3.2.2 Development of Power Electronics Converting Technology
 - (1) Research Keys of Power Electronics Converting Technology
 - (2) Introduction of Major Power Electronics Converting Technology
 - (3) Research Progress of Power Electronics Converting Technology

3.3 Development of Smart Interconnected Switch Technology

- 3.3.1 Function of Smart Interconnected Switch in Micro-grid
- 3.3.2 Development of Smart Interconnected Switch Technology
 - (1) Research Keys of Smart Interconnected Switch Technology
 - (2) Research Progress of Smart Interconnected Switch Technology

3.4 Development of Micro-grid Protection and Control Technology

- 3.4.1 Development of Micro-grid Protection Technology
 - (1) Research Keys of Micro-grid Protection Technology
 - (2) Research Progress of Micro-grid Protection Technology
- 3.4.2 Development of Micro-grid Control Technology
 - (1) Research Keys of Micro-grid Control Technology
 - (2) Introduction of Major Micro-grid Control Technology
 - (3) Research Progress of Micro-grid Control Technology

3.5 Development of Micro-grid Management Technology

- 3.5.1 Research Keys of Micro-grid Energy Management Technology
- 3.5.2 Research Progress of Micro-grid Energy Management Technology

3.6 Development of Micro-grid Communication Technology

- 3.6.1 Introduction of Micro-grid Communication Technology
- 3.6.2 Introduction of Major Micro-grid Communication Technology

Chapter 4: Development Prospects of Major Components of China Micro-grid

4.1 Development Prospects of Micro Source

- 4.1.1 Definition and Classification of Micro Source
- 4.1.2 Development Prospects of Gas Power Generation
 - (1) Scale of Gas Power Generation
 - (2) Cost of Gas Power Generation
 - (3) Grid Purchases Price of Gas Power Generation
 - (4) Development Prospects of Gas Power Generation
- 4.1.3 Development Prospects of Small-sized Wind Power
 - (1) Scale of Small-sized Wind Power
 - (2) Cost of Small-sized Wind Power
 - (3) Grid Purchases Price of Small-sized Wind Power
 - (4) Development Prospects of Small-sized Wind Power
- 4.1.4 Development Prospects of Photovoltaic Power Generation
 - (1) Scale of Photovoltaic Power Generation

如需了解报告详细内容，请直接致电前瞻客服中心。

全国免费服务热线：400-068-7188 0755-82925195 82925295 83586158

或发电子邮件：service@qianzhan.com

或登录网站：<https://bg.qianzhan.com/>

我们会竭诚为您服务！