

China Waste Heat Power Generation Industry Development Prospects and Investment Forecast Report, 2013-2017

目 录

CONTENTS

Chapter 1: Development Overview of China Waste Heat Power Generation Industry

1.1 Definition and Classification of Waste Heat Power Generation Industry

- 1.1.1 Industry Concept and Definition
- 1.1.2 Main Product Categories of Industry

1.2 Analysis of Construction Models of Waste Heat Power Generation Industry

- 1.2.1 Traditional Construction Model
- 1.2.2 EPC Model
 - (1) Profile of EPC Model
 - (2) Applicable Projects for EPC Model
 - (3) Market Percentage of EPC Model
- 1.2.3 EMC Model
 - (1) Profile of EMC Model
 - (2) Flow of EMC Model
 - (3) Applicable Conditions for EMC Model
 - (4) Market Percentage of EMC Model

1.3 Analysis of Investment Features of Waste Heat Power Generation Industry

- 1.3.1 Analysis of Entry Barriers of Waste Heat Power Generation Industry
 - (1) Analysis of Capital Barrier
 - (2) Analysis of Admittance Barrier
 - (3) Analysis of Technology and Talent Barrier
- 1.3.2 Analysis of Profit Models of Waste Heat Power Generation Industry
- 1.3.3 Analysis of Profit Factors of Waste Heat Power Generation Industry

1.4 Analysis of Industrial Chain of Waste Heat Power Generation Industry

- 1.4.1 Analysis of Exhaust Discharge and Treatment
- 1.4.2 Analysis of Waste Water Discharge and Treatment
- 1.4.3 Analysis of Waste Residue Discharge and Treatment
- 1.4.4 Development Analysis of Main Equipment of Waste Heat Power Generation
- 1.4.5 Analysis of Investment Conditions of Environmental Protection
- 1.4.6 Analysis of Growth Conditions of Renewable Resources

Chapter 2: Analysis of Development Conditions of China Waste Heat Power Generation Industry

2.1 Analysis of Development Environment of China Waste Heat Power Generation Industry

- 2.1.1 Analysis of Clean Development Mechanism (CDM)
 - (1) Profile of CDM
 - (2) Implementation of CDM Promoting Waste Heat Power Generation Projects
- 2.1.2 Analysis of Industry Policy Environment
- 2.1.3 Analysis of Industry Economy Environment
- 2.1.4 Analysis of Industry Demand Environment
- 2.1.5 Analysis of Industry Development Difficulties
 - (1) Enterprise Value-added Tax
 - (2) Electric Internet-access Bill

2.2 Analysis of Development of China Waste Heat Power Generation Industry

- 2.2.1 Huge Amount of Waste Heat Resources
- 2.2.2 Analysis of Utilization Conditions of Waste Heat Resources
- 2.2.3 Analysis of Application Fields of Waste Heat Resources
- 2.2.4 Analysis of Development Status of Waste Heat Resources
- 2.2.5 Development Features of Waste Heat Power Generation Industry
- 2.2.6 Factors to Affect Development of Waste Heat Power Generation
- 2.2.7 Development Prospects of Waste Heat Power Generation Market

2.3 Analysis of Market Competition of China Waste Heat Power Generation

- 2.3.1 Analysis of Market Scale of Waste Heat Power Generation Industry
- 2.3.2 Analysis of Competitive Landscape of Waste Heat Power Generation Industry
- 2.3.3 Analysis of Bargaining Capability of Waste Heat Power Generation Industry
- 2.3.4 Analysis of Potential Threats of Waste Heat Power Generation Industry

2.4 Analysis of International Waste Heat Power Generation Enterprises in China

- 2.4.1 Development Conditions of International Waste Heat Power Generation Industry
- 2.4.2 Investment Layout of Multinationals in China's Market
 - (1) ALSTOM (France)
 - (2) DELTAK (USA)
 - (3) NEM (Netherlands)
- 2.4.3 Analysis of Competitive Strategies of Multinationals in China

Chapter 3: Analysis of Waste Heat Power Generation Market in China Steel Industry

3.1 Analysis of Operational Conditions of Steel Industry in.....2011

- 3.1.1 Scale Analysis of Steel Industry
- 3.1.2 Production Conditions of Steel Industry
- 3.1.3 Demand Conditions of Steel Industry
- 3.1.4 Balance between Supply and Demand of Steel Industry
- 3.1.5 Fiscal Operational Conditions of Steel Industry
- 3.1.6 Analysis of Operational Features and Trend of Steel Industry

3.2 Development Background of Waste Heat Power Generation in Steel Industry

- 3.2.1 Analysis of Waste Heat Power Generation Policies Related to Steel Industry
 - (1) Development Policies for Iron and Steel Industry
 - (2) Strengthening Energy Saving and Emission Reduction, Developing Recycling Economy and Adopting Distributed Energy System to Enhance Competitiveness of Steel Enterprises
 - (3) Promotion and Implementation Plan of Sintering Waste Heat Power Generation Technology for Steel Enterprises
 - (4) MIIT Point out 12 Tasks of Energy Saving and Emission Reduction for Steel Industry
 - (5) Opinions of State Council on Further Increase Efforts to Enhance Energy Saving and Emission Reduction and Speed up Structure Adjustment of Steel Industry
 - (6) "Twelfth Five-year" Development Plan for Iron and Steel Industry

3.2.2 Analysis of Energy Consumption Conditions of Steel Industry

- 3.2.3 Waste Heat Distribution Conditions of Steel Industry
- 3.2.4 Analysis of Waste Heat Utilization Routines of Steel Industry

3.3 Waste Heat Power Generation Development Conditions of Steel Industry

- 3.3.1 Analysis of Development Conditions of Superheated Steam Waste Heat Power Generation
 - (1) Analysis of Development Conditions of Coke Dry Quenching (CDQ) Waste Heat Power Generation
 - 1) Technology Overview of CDQ Waste Heat Power Generation
 - 2) Typical User and Investment Benefits of CDQ Waste Heat Power Generation
 - 3) Utilization Status and Market Potentials of CDQ Waste Heat Power Generation Technology
 - (2) Analysis of Development Conditions of Sintering Waste Heat Power Generation
 - 1) Technology Overview of Sintering Waste Heat Power Generation
 - 2) Technology Utilization and Market Potentials of Sintering Waste Heat Power Generation
 - 3) Analysis of Investment Benefits of Sintering Waste Heat Power Generation
 - 4) Problems in Sintering Waste Heat Power Generation
- 3.3.2 Analysis of Development Conditions of Saturated Steam Waste Heat Power Generation
- 3.3.3 Analysis of Development Conditions of Hot Water Waste Heat Power Generation
- 3.3.4 Analysis of CDM Projects Statistics in Steel Industry
- 3.3.5 Analysis of Waste Heat Power Generation Development Trend of Steel Industry
- 3.3.6 Development Prospects Forecast for Waste Heat Power Generation of Steel Industry
- 3.3.7 Investment Suggestions for Waste Heat Power Generation of Steel Industry

Chapter 4: Analysis of Waste Heat Power Generation Market in China Cement Industry

4.1 Analysis of Operational Conditions of Cement Industry in.....2011

- 4.1.1 Scale Analysis of Cement Industry
- 4.1.2 Production Conditions of Cement Industry
- 4.1.3 Demand Conditions of Cement Industry
- 4.1.4 Balance between Supply and Demand of Cement Industry
- 4.1.5 Fiscal Operational Conditions of Cement Industry
- 4.1.6 Analysis of Operational Features and Trend of Cement Industry

4.2 Development Background of Waste Heat Power Generation in Cement Industry

4.2.1 Analysis of Waste Heat Power Generation Policies Related to Cement Industry

- (1) Special Plan for Long-term Energy Saving
- (2) Opinions on Promoting Structure Adjustment of Cement Industry
- (3) Development Policy for Cement Industry
- (4) Waste Heat Design Standards for Cement Factories
- (5) Opinions on Restraining Excess Capacity of Parts Industries and Repetitive Construction for

Guiding Healthy Development of Industry

(6) Opinions on Restraining Industry Excess Capacity and Repetitive Construction for Guiding Healthy Development of Cement Industry

(7) Promotion and Implementation Plan for New-type Dry Cement Production Process Pure Low Temperature Waste Heat Power Generation Technology

- (8) “Twelfth Five-year” Development Plan for Cement Industry

4.2.2 Analysis of Energy Consumption of Cement Industry

4.2.3 Analysis of Cost Structure Conditions of Cement Industry

4.2.4 Waste Heat Resources Distribution Conditions of Cement Industry

4.3 Waste Heat Power Generation Development Conditions of Cement Industry

4.3.1 Waste Heat Power Generation System Constitution of Cement Industry

4.3.2 Waste Heat Power Generation Development Conditions of International Cement Industry

4.3.3 Waste Heat Power Generation Development Conditions of Domestic Cement Industry

- (1) Analysis of Development Phases of Waste Heat Power Generation in Cement Industry
- (2) Waste Heat Power Generation Technologies and Equipment Conditions of Cement Industry
- (3) Analysis of Waste Heat Power Generation Application Status in Cement Industry
 - 1) Output Scale and Growth Conditions of Cement Industry
 - 2) New-type Dry Cement Production Line and Scale Classification
 - 3) Waste Heat Power Generation Projects Construction Conditions of Cement Industry
 - 4) Actual Power Generation Conditions of Waste Heat Plants for Cement Industry
 - 5) CDM Projects Statistics Conditions of Cement Industry

4.3.4 Market Competition of Waste Heat Power Generation in Cement Industry

4.4 Analysis of Waste Heat Power Generation Benefits of Cement Industry

4.4.1 Waste Heat Power Generation Profits Level and Change Trend of Cement Industry

4.4.2 Analysis of Waste Heat Power Generation Benefits for Cement Industry

- (1) Economic Benefits of Waste Heat Power Generation for Cement Industry
- (2) CDM Benefits of Waste Heat Power Generation for Cement Industry
- (3) Environment Benefits of Waste Heat Power Generation for Cement Industry

4.5 Development Prospects Forecast of Waste Heat Power Generation for Cement Industry

4.5.1 Development Trend of Waste Heat Power Generation Technologies for Cement Industry

4.5.2 Development Prospects Forecast for Waste Heat Power Generation of Cement Industry

- (1) Development Prospects for Waste Heat Power Generation of Domestic Cement Industry
 - 1) Incremental Demand for Waste Heat Power Generation of Cement Industry
 - 2) Stock Demand for Waste Heat Power Generation of Cement Industry
- (2) Development Prospects for Waste Heat Power Generation of International Cement Industry

4.5.3 Investment Suggestions for Waste Heat Power Generation of Cement Industry

Chapter 5: Analysis of Waste Heat Power Generation Market in China Glass Industry

5.1 Analysis of Operational Conditions of Glass and Glass Products Industry in.....2011

5.1.1 Scale Analysis of Glass and Glass Products Industry

5.1.2 Production Conditions of Glass and Glass Products Industry

5.1.3 Demand Conditions of Glass and Glass Products Industry

5.1.4 Balance between Supply and Demand of Glass and Glass Products Industry

5.1.5 Fiscal Operational Conditions of Glass and Glass Products Industry

5.1.6 Analysis of Operational Features and Trend of Glass and Glass Products Industry

5.2 Development Background of Waste Heat Power Generation in Glass and Glass Products Industry

5.2.1 Analysis of Waste Heat Power Generation Policies Related to Glass and Glass Products Industry

- (1) Emission Standard of Pollutants for Flat Glass Industry
- (2) Opinions on Promoting Structure Adjustment for Flat Glass Industry
- (3) Cleaner Production Standards for Flat Glass Industry
- (4) “Twelfth Five-year” Development Plan for Flat Glass Industry

5.2.2 Analysis of Energy Consumption Conditions of Glass Industry

- 5.2.3 Waste Heat Distribution Conditions of Glass Industry
- 5.2.4 Analysis of Waste Heat Utilization Routines of Glass Industry
- 5.3 Waste Heat Power Generation Development Conditions of Glass Industry**
 - 5.3.1 Analysis of Development Conditions of Waste Heat Power Generation for Glass Industry
 - 5.3.2 Analysis of Waste Heat Power Generation Technologies for Glass Industry
 - 5.3.3 Analysis of Waste Heat Power Generation Benefits for Glass Industry
 - 5.3.4 Development Trend of Waste Heat Power Generation for Glass Industry
 - 5.3.5 Development Prospects Forecast for Waste Heat Power Generation of Glass Industry
 - 5.3.6 Investment Suggestions for Waste Heat Power Generation of Glass Industry

Chapter 6: Analysis of Waste Heat Power Generation Market in China Chemical Industry

- 6.1 Analysis of Operational Conditions of Chemical Industry in.....2011**
 - 6.1.1 Scale Analysis of Chemical Industry
 - 6.1.2 Production Conditions of Chemical Industry
 - 6.1.3 Demand Conditions of Chemical Industry
 - 6.1.4 Balance between Supply and Demand of Chemical Industry
 - 6.1.5 Fiscal Operational Conditions of Chemical Industry
 - 6.1.6 Analysis of Operational Features and Trend of Chemical Industry
- 6.2 Development Background of Waste Heat Power Generation in Chemical Industry**
 - 6.2.1 Analysis of Waste Heat Power Generation Policies Related to Chemical Industry
 - (1) Notice of State Council Opinions on Restraining Excess Capacity of Parts Industries and Repetitive Construction for Guiding Healthy Development of Industry
 - (2) Parts Industrial Industries Eliminating Backward Manufacturing Process Equipment and Product Guidance Category
 - (3) “Twelfth Five-year” Development Plan for Waste Heat Power Generation Industry
 - 6.2.2 Demand Analysis of Waste Heat Power Generation for Chemical Industry
 - (1) Analysis of Energy Consumption Conditions of Chemical Industry
 - (2) Waste Heat Distribution Conditions of Chemical Industry
 - 6.2.3 Development Status and Prospects for Waste Heat Power Generation of Chemical Industry
 - (1) Development Status and Prospects for Waste Heat Power Generation of Coking Industry
 - (2) Development Status and Prospects for Waste Heat Power Generation of Sulphuric Acid Industry
 - (3) Development Status and Prospects for Waste Heat Power Generation of Ammonia Synthesis
 - (4) Development Status and Prospects for Waste Heat Power Generation of Sodium Carbonate and Caustic Soda Industry

Chapter 7: Analysis of Waste Heat Power Generation for China Non-ferrous Metal Industry

- 7.1 Analysis of Operational Conditions of Non-ferrous Metal Industry in.....2011**
 - 7.1.1 Scale Analysis of Non-ferrous Metal Industry
 - 7.1.2 Production Conditions of Non-ferrous Metal Industry
 - 7.1.3 Demand Conditions of Non-ferrous Metal Industry
 - 7.1.4 Balance between Supply and Demand of Non-ferrous Metal Industry
 - 7.1.5 Fiscal Operational Conditions of Non-ferrous Metal Industry
 - 7.1.6 Analysis of Operational Features and Trend of Non-ferrous Metal Industry
- 7.2 Development Background of Waste Heat Power Generation in Non-ferrous Metal Industry**
 - 7.2.1 Analysis of Waste Heat Power Generation Policies Related to Non-ferrous Metal Industry
 - (1) Interim Measures for Admittance Announcement of tungsten, Tin and Antimony Enterprises
 - (2) Industry Adjustment and Revitalization Planning of Non-ferrous Metal Industry
 - (3) “Twelfth Five-year” Plan for Non-ferrous Metal
 - 7.2.2 Demand Analysis of Waste Heat Power Generation for Non-ferrous Metal Industry
 - (1) Analysis of Energy Consumption Conditions of Non-ferrous Metal Industry
 - (2) Waste Heat Distribution Conditions of Non-ferrous Metal Industry
 - 7.2.3 Development Status and Prospects for Waste Heat Power Generation of Non-ferrous Metal Industry

Chapter 8: Development Analysis of China Waste Heat Power Generation Equipment Market and Technologies

8.1 Analysis of Waste Heat Boiler Market

- 8.1.1 Analysis of Cement Kiln Waste Heat Recovery Boiler Market
 - (1) Analysis of Output Scale of Cement Kiln Waste Heat Recovery Boiler Market
 - (2) Competitive Landscape of Cement Kiln Waste Heat Recovery Boiler Market
 - (3) Technology R&D Trend of Cement Kiln Waste Heat Recovery Boiler
 - (4) Market Capacity Forecast for Cement Kiln Waste Heat Recovery Boiler Market

- 8.1.2 Analysis of Oxygen Converter Waste Heat Boiler Market
 - (1) Analysis of Output Scale of Oxygen Converter Waste Heat Boiler Market
 - (2) Competitive Landscape of Oxygen Converter Waste Heat Boiler Market
 - (3) Technology R&D Trend of Oxygen Converter Waste Heat Boiler
 - (4) Market Capacity Forecast for Oxygen Converter Waste Heat Boiler Market
- 8.1.3 Analysis of Waste Heat Boiler for Blast Furnace Tail Gas Market
 - (1) Analysis of Output Scale of Waste Heat Boiler for Blast Furnace Tail Gas Market
 - (2) Competitive Landscape of Waste Heat Boiler for Blast Furnace Tail Gas Market
 - (3) Technology R&D Trend of Waste Heat Boiler for Blast Furnace Tail Gas
 - (4) Market Capacity Forecast for Waste Heat Boiler for Blast Furnace Tail Gas Market
- 8.1.4 Analysis of Gas Turbine Waste Heat Recovery Boiler Market
 - (1) Analysis of Output Scale of Gas Turbine Waste Heat Recovery Boiler Market
 - (2) Competitive Landscape of Gas Turbine Waste Heat Recovery Boiler Market
 - (3) Technology R&D Trend of Gas Turbine Waste Heat Recovery Boiler
 - (4) Market Capacity Forecast for Gas Turbine Waste Heat Recovery Boiler Market
- 8.1.5 Analysis of Sintering Machine Waste Heat Boiler Market
 - (1) Analysis of Output Scale of Sintering Machine Waste Heat Boiler Market
 - (2) Competitive Landscape of Sintering Machine Waste Heat Boiler Market
 - (3) Technology R&D Trend of Sintering Machine Waste Heat Boiler
 - (4) Market Capacity Forecast for Sintering Machine Waste Heat Boiler Market
- 8.1.6 Analysis of CDQ Waste Heat Boiler Market
 - (1) Analysis of Output Scale of CDQ Waste Heat Boiler Market
 - (2) Competitive Landscape of CDQ Waste Heat Boiler Market
 - (3) Technology R&D Trend of CDQ Waste Heat Boiler
 - (4) Market Capacity Forecast for CDQ Waste Heat Boiler Market
 - (5) Forecast for CDQ Waste Heat Boiler Market Capacity
- 8.1.7 Analysis of Non-ferrous Metallurgical Waste Heat Boiler Market
 - (1) Analysis of Output Scale of Non-ferrous Metallurgical Waste Heat Boiler Market
 - (2) Competitive Landscape of Non-ferrous Metallurgical Waste Heat Boiler Market
 - (3) Technology R&D Trend of Non-ferrous Metallurgical Waste Heat Boiler
 - (4) Market Capacity Forecast for Non-ferrous Metallurgical Waste Heat Boiler Market
- 8.1.8 Analysis of Refuse Incinerated Waste Heat Boiler Market
 - (1) Analysis of Output Scale of Refuse Incinerated Waste Heat Boiler Market
 - (2) Competitive Landscape of Refuse Incinerated Waste Heat Boiler Market
 - (3) Technology R&D Trend of Refuse Incinerated Waste Heat Boiler
 - (4) Market Capacity Forecast for Refuse Incinerated Waste Heat Boiler Market
- 8.1.9 Analysis of Biomass Boiler Market
 - (1) Analysis of Output Scale of Biomass Boiler Market
 - (2) Competitive Landscape of Biomass Boiler Market
 - (3) Market Capacity Forecast for Biomass Boiler Market
- 8.1.10 Analysis of Other Waste Heat Boiler Products Markets
 - (1) Analysis of Coke Oven Gas Waste Heat Boiler Market
 - (2) Analysis of Low Heating Value Gas Waste Heat Boiler Market
 - (3) Analysis of Diesel Machine Waste Heat Boiler Market
 - (4) Analysis of Sulphuric Acid Waste Heat Boiler Market
 - (5) Analysis of Glass Kiln Waste Heat Boiler Market
 - (6) Analysis of Oil Refining Catalytic Device Waste Heat Boiler Market
- 8.2 Analysis of Gas Turbine Market**
 - 8.2.1 Analysis of Output Scale of Gas Turbine
 - 8.2.2 Competitive Landscape of Gas Turbine
 - 8.2.3 Technology R&D Trend of Gas Turbine
- 8.3 Analysis of Generator Market**
 - 8.3.1 Analysis of Output Scale of Generator
 - 8.3.2 Competitive Landscape of Generator
 - 8.3.3 Technology R&D Trend of Generator
- 8.4 Analysis of Water Cycle and Sewage Treatment Equipment Market**
 - 8.4.1 Analysis of Output Scale of Water Cycle and Sewage Treatment Equipment
 - 8.4.2 Competitive Landscape of Water Cycle and Sewage Treatment Equipment Market
 - 8.4.3 Technology R&D Trend of Water Cycle and Sewage Treatment Equipment

8.5 Development Analysis of Waste Heat Technology

- 8.5.1 Development Status of International Waste Heat Technology
- 8.5.2 Profile of Domestic Waste Heat Power Generation System
 - (1) Waste Heat Power Generation Single Pressure System
 - (2) Waste Heat Power Generation Compound Flash System
 - (3) Waste Heat Power Generation Dual Pressure Complement Steam System
- 8.5.3 Major Domestic Waste Heat Power Generation Technologies
- 8.5.4 Comparison Analysis of Domestic Waste Heat Power Generation Technologies
 - (1) Comparison between Waste Heat Power Generation Single and Dual Pressure Technologies
 - (2) Analysis of Flash Steam Waste Heat Power Generation Technology
- 8.5.5 Directions for Waste Heat Power Generations to Make Breakthroughs
 - (1) Need to Further Broaden Coverage Scope of Waste Heat Power Generation Technologies
 - (2) More Room to Improve Waste Heat Power Generation Technology Level
 - (3) Urgently Need to Improve Operational and Management Levels of Waste Heat Plants

Chapter 9: Operation Analysis of Leading Enterprises in China Waste Heat Power Generation Industry

9.1 Analysis of Leading Enterprises in Waste Heat Power Generation Engineering

- 9.1.1 Operation Analysis of Anhui Hailuo Chuanqi Project Co., Ltd.
 - (1) Analysis of Enterprise Development Profile
 - (2) Analysis of Enterprise Operational Business
 - (3) Analysis of Enterprise Technology Level
 - (4) Analysis of Enterprise Engineering Performance
 - (5) Analysis of Enterprise Revenue Capability
 - (6) Analysis of Enterprise Debt-paying Ability
 - (7) Analysis of Enterprise Operational Capability
 - (8) Analysis of Enterprise Profitability
 - (9) Analysis of Enterprise Development Capability
 - (10) Analysis of Enterprise Operational Advantages and Disadvantages
 - (11) Analysis of Enterprise Latest Development Trend
- 9.1.2 Operation Analysis of Sinoma Energy Conservation Ltd.
 - (1) Analysis of Enterprise Development Profile
 - (2) Analysis of Enterprise Operational Business
 - (3) Analysis of Enterprise Technology Level
 - (4) Analysis of Enterprise Engineering Performance
 - (5) Analysis of Enterprise Revenue Capability

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！