

# China Smart Grid Equipment Industry Report, 2012-2013

<https://marketpublishers.com/r/C5BD05CBA8FEN.html>

Date: June 2013

Pages: 115

Price: US\$ 2,200.00 (Single User License)

ID: C5BD05CBA8FEN

## Abstracts

According to the investment program of the 12th Five –Year Plan for Grid Intelligence Construction of State Grid Corporation of China (SGCC), segments of communication information, electricity consumption and substation hold the largest portions of investments, being 28.3%, 27.3% and 23.6%, respectively. Among the smart grid equipment bid invitation, smart meter and smart substation take the dominant position.

In point of smart meter market, in 2012, the volume of smart meter bid invitation occupied 97.18% of the total meter bidding amount, a jump from 89.01% in 2011. The annual smart meter bid invitation volume reached 76,043,000 sets, among which, 2S single-phase smart meter took the lead, grabbing 92.1% of the total. Presently, smart meter bid invitation market of SGCC features a rather lower concentration ratio. Take 2S single-phase smart meter market as an example, market shares of the top three companies, Wasion Group, Linyang Electronics and Ningbo Sanxing, are all less than 6%.

Seen from the field of smart substation equipment, 2012 saw great bid invitation growth of smart substation of SGCC, over 1,000 in the year around, and far higher than 283 in 2011. And bidding proportion of smart substation equipment further rose. Among the power transmission & transformation secondary equipment bidding success of SGCC, intelligence rate of protection equipment bidding invitation reached 74.35%, and that of monitoring equipment 69.39%.

In addition to the market size, major enterprises and prospects of the two market segments, smart meter and smart substation equipment, China Smart Grid Equipment Industry Report, 2012-2013 also highlights main market segments such as energy storage product, smart grid scheduling, flexible transmission and electric vehicle

charging station as well as related major companies.

In 2012, Linyang Electronics ranked top three among all the bidding invitations of the four batches of 2S single-phase meter of SGCC. At present, the company is capable of producing 80,000 single-phase meters and 10,000 three-phase meters daily. It boasts significant advantage of scale and strong cost control.

In 2012, Guodian Nanjing Automation (600268) harvested revenue of RMB4.147 billion, an increase of 29.43% YOY, and made net income of RMB308 million, a growth of 20.65% from a year earlier. General contracts of power transmission and transformation increased sharply in 2012, from which the revenue reached RMB131 million, soaring by 106.75% yr-on-yr.

## Contents

### **1. DEVELOPMENT OF SMART GRID EQUIPMENT IN CHINA**

- 1.1 Smart Grid
- 1.2 Industrial Restructuring Being Driving Motive
- 1.3 China's Smart Grid Construction has Entered Comprehensive Construction Stage

### **2. SMART METER MARKET**

- 2.1 Smart Meter
- 2.2 Market Overview
- 2.3 Electric Meter Bid Winning of SGCC in 2012
- 2.4 Market Concentration
  - 2.4.1 2S Single-phase Smart Meter
  - 2.4.2 Three-phase Smart Meter
  - 2.4.3 Concentrator & Collector
  - 2.4.4 Acquisition Terminal of Special Transformer

### **3. ENERGY STORAGE PRODUCTS MARKET**

- 3.1 Energy Storage Technology
- 3.2 Status Quo
- 3.3 Development Outlook

### **4. INTELLIGENT SUBSTATION MARKET**

- 4.1 Definition of Intelligent Substation
- 4.2 Composition of Intelligent Power Station
- 4.3 Chinese Market
  - 4.3.1 Biddings of Secondary Equipment
  - 4.3.2 Development of Primary Equipment
  - 4.3.3 Electronic Mutual Inductor
- 4.4 SGCC Intelligent Substation Plan

### **5. FLEXIBLE POWER TRANSMISSION MARKET**

- 5.1 Flexible Power Transmission
- 5.2 Reactive Power Compensation Technology

### 5.3 Market Forecast of Reactive Power Compensation Products in Smart Grid Field

## **6. ELECTRIC VEHICLE CHARGING EQUIPMENT MARKET**

### 6.1 Status Quo in China

### 6.2 National Planning

### 6.3 Development of Electric Vehicle Charging Facilities in Major Provinces of China

#### 6.3.1 Rapid Charging Technology

#### 6.3.2 Intelligence & High-efficiency Technology

#### 6.3.3 General Integration Technology

#### 6.3.4 Battery Leasing Services

## **7. SMART SCHEDULING MARKET**

### 7.1 Basic Structure of Smart Scheduling System

### 7.2 Automation of Smart Scheduling in China

### 7.3 Prospect of China's Smart Scheduling Market

## **8. KEY COMPANIES**

### 8.1 Wasion Group Holdings Limited

#### 8.1.1 Profile

#### 8.1.2 Operation

#### 8.1.3 Revenue Structure

#### 8.1.4 Dynamics

#### 8.1.5 Development Plan

### 8.2 Ningbo Sanxing Electric Co., Ltd.

#### 8.2.1 Profile

#### 8.2.2 Operation

#### 8.2.3 Revenue Structure

#### 8.2.4 Gross Margin

#### 8.2.5 Dynamics

### 8.3 Jiangsu Linyang Electronics Co., Ltd.

#### 8.3.1 Profile

#### 8.3.2 Operation

#### 8.3.3 Revenue Structure

#### 8.3.4 Gross Margin

#### 8.3.5 Dynamics

#### 8.3.6 Development Prospects

#### 8.4 Huazhi Holding (Zhejiang) Co., Ltd.

##### 8.4.1 Profile

##### 8.4.2 Operation

##### 8.4.3 Revenue Structure

##### 8.4.4 Gross Margin

##### 8.4.5 Dynamics

#### 8.5 Shenzhen Clou Electronics Co., Ltd.

##### 8.5.1 Profile

##### 8.5.2 Operation

##### 8.5.3 Revenue Structure

##### 8.5.4 Gross Margin

##### 8.5.5 Dynamics

##### 8.5.6 Development Prospects

#### 8.6 Shenzhen Haoningda Meters Co., Ltd.

##### 8.6.1 Profile

##### 8.6.2 Operation

##### 8.6.3 Revenue Structure

##### 8.6.4 Gross Margin

##### 8.6.5 Dynamics

##### 8.6.6 Development Plan

##### 8.6.7 Development Prospects

#### 8.7 Shenzhen Kaifa Technology Co., Ltd.

##### 8.7.1 Profile

##### 8.7.2 Operation

##### 8.7.3 Revenue Structure

##### 8.7.4 Gross Margin

##### 8.7.5 Dynamics

##### 8.7.6 Development Plan

##### 8.7.7 Development Prospects

#### 8.8 Integrated Electronic Systems Lab Co., Ltd.

##### 8.8.1 Profile

##### 8.8.2 Operation

##### 8.8.3 Revenue Structure

##### 8.8.4 Gross Margin

##### 8.8.5 Dynamics

##### 8.8.6 Development Prospects

#### 8.9 Zhejiang Narada Power Source Co., Ltd.

##### 8.9.1 Profile

##### 8.9.2 Operation

- 8.9.3 Revenue Structure
- 8.9.4 Gross Margin
- 8.9.5 Dynamics
- 8.9.6 Development Prospects
- 8.10 Guodian Nanjing Automation Co., Ltd
  - 8.10.1 Profile
  - 8.10.2 Operation
  - 8.10.3 Revenue Structure
  - 8.10.4 Gross Margin
  - 8.10.5 Dynamics
  - 8.10.6 Development Prospects
- 8.11 XJ Electric Co., Ltd.
  - 8.11.1 Profile
  - 8.11.2 Operation
  - 8.11.3 Revenue Structure
  - 8.11.4 Gross Margin
  - 8.11.5 Dynamics
  - 8.11.6 Development Prospects
- 8.12 Rongxin Power Electronic Co., Ltd.
  - 8.12.1 Profile
  - 8.12.2 Operation
  - 8.12.3 Revenue Structure
  - 8.12.4 Gross Margin
  - 8.12.5 Dynamics
  - 8.12.6 Development Prospects
- 8.13 Sieyuan Electric Co., Ltd.
  - 8.13.1 Profile
  - 8.13.2 Operation
  - 8.13.3 Revenue Structure
  - 8.13.4 Gross Margin
  - 8.13.5 Dynamics
  - 8.13.6 Development Prospects
- 8.14 Shenzhen Auto Electric Power Plant Co., Ltd.
  - 8.14.1 Profile
  - 8.14.2 Operation
  - 8.14.3 Revenue Structure
  - 8.14.4 Gross Margin
  - 8.14.5 Development Prospects
- 8.15 NARI Technology Development Limited Company

8.15.1 Profile

8.15.2 Operation

8.15.3 Revenue Structure

8.15.4 Gross Margin

8.15.5 Development Prospects

8.16 Dongfang Electronics Co., Ltd

8.16.1 Profile

8.16.2 Operation

8.16.3 Revenue Structure

8.16.4 Gross Margin

8.16.5 Dynamics

8.16.6 Development Prospects

## Selected Charts

### SELECTED CHARTS

Investment Plan of SGCC, 2011-2015E  
Single-phase Smart Meter & Three-phase Smart Meter  
Investment Proportion in Smart Grid Power Utilization  
SGCC Smart Meter Investment, 2011-2014E  
SGCC Smart Meter Bid Winning Results, 2010-2012  
SGCC Concentrator Collector and Transformer Acquisition Terminal Bid Winning Results, 2011-2012  
SGCC Bidding Proportion of Different Smart Meters in 2012  
SGCC 2S Single-phase Smart Meter Bid Winning Results in 2012  
SGCC Three-phase Smart Meter Bid Winning Results in 2012  
SGCC Three-Phase Smart Meter Bid Winning Results in 2012  
SGCC Transformer Acquisition Terminal Bid Winning Results in 2012  
Application Cases of Mature Energy Storage Technology  
Major Energy Storage Methods and Technical Features  
Applications of Lead-Acid Battery  
Application of Li-ion Battery  
Cost of Different Energy Storage Methods  
Structure and Function of Intelligent Substation  
Bidding Volume of Conventional Protection Equipment and Intelligent Protection Equipment, 2011-2012  
Status Quo of Intelligent Transformation Industry  
Current Development of Intelligent Transformation Industry  
Research and Manufacture of Electronic Mutual Inductor  
SGCC Twelfth Five-year Plan of Substation  
Revenue and Net Income of Wasion Group Holdings Limited, 2009-2012  
Revenue of Wasion Group Holdings Limited by Product in 2012  
Gross Margin of Wasion Group Holdings Limited by Product, 2009-2012  
Revenue and Net Income of Ningbo Sanxing, 2009-2012  
Revenue of Ningbo Sanxing by Product, 2009-2012  
Revenue of Ningbo Sanxing by Region, 2009-2012  
Gross Margin of Ningbo Sanxing by Product, 2009-2012  
Revenue and Net Income of Linyang Electronics, 2009-2012  
Revenue of Linyang Electronics by Product, 2009-2012  
Revenue of Linyang Electronics by Region, 2009-2012  
Gross Margin of Linyang Electronics by Product, 2009-2012



Revenue and Net Income of Linyang Electronics, 2012-2014E  
Revenue and Net Income of Huazhi Holding, 2009-2012  
Revenue of Huazhi Holding by Product, 2009-2012  
Revenue of Huazhi Holding by Region, 2009-2012  
Gross Margin of Huazhi Holding by Product, 2009-2012  
Revenue and Net Income of Clou Electronics, 2009-2012  
Clou Electronics' Revenue from Top Five Customers in 2012  
Clou Electronics' Procurement from Top Five Suppliers in 2012  
Revenue of Clou Electronics by Product, 2009-2012  
Revenue of Clou Electronics by Region, 2009-2012  
Gross Margin of Clou Electronics by Product, 2009-2012  
Delayed Projects of Clou Electronics, 2012-2013  
Revenue and Net Income of Clou Electronics, 2012-2014E  
Revenue and Net Income of Shenzhen Haoningda Meters Co., Ltd., 2009-2012  
Shenzhen Haoningda Meters' Revenue from Top Five Clients in 2012  
Shenzhen Haoningda Meters' Procurement from Top Five Suppliers in 2012  
Revenue of Shenzhen Haoningda Meters by Product, 2009-2012  
Gross Margin of Shenzhen Haoningda Meters by Product, 2009-2012  
Revenue and Net Income of Shenzhen Haoningda Meters, 2012-2014E  
Revenue and Net Income of Shenzhen Kaifa, 2009-2012  
Revenue of Shenzhen Kaifa by Product, 2009-2012  
Revenue of Shenzhen Kaifa by Region, 2009-2012  
Gross Margin of Shenzhen Kaifa by Product, 2009-2012  
Fundraising Investment Projects of Shenzhen Kaifa in 2012  
Revenue and Net Income of Shenzhen Kaifa, 2012-2014E  
Revenue and Net Income of Integrated Electronic, 2009-2012  
Revenue of Integrated Electronic by Product, 2009-2012  
Revenue of Integrated Electronic by Region, 2009-2012  
Gross Margin of Integrated Electronic by Product, 2009-2012  
Revenue and Net Income of Integrated Electronic, 2012-2014E  
Revenue and Net Income of Narada Power Source, 2009-2012  
Revenue of Narada Power Source by Product, 2009-2012  
Revenue of Narada Power Source by Region, 2009-2012  
Gross Margin of Narada Power Source by Product, 2009-2012  
Revenue and Net Income of Narada Power Source, 2012-2014E  
Revenue and Net Income of Guodian Nanjing Automation, 2009-2012  
Revenue of Guodian Nanjing Automation by Product, 2009-2012  
Gross Margin of Guodian Nanjing Automation by Product, 2009-2012  
Revenue and Net Income of Guodian Nanjing Automation, 2012-2014E

Revenue and Net Income of XJ Electric, 2009-2012  
XJ Electric's Revenue from Top Five Clients in 2012  
XJ Electric's Procurement from Top Five Suppliers in 2012  
Revenue of XJ Electric from New Products, 2012  
Gross Margin of New Products of XJ Electric, 2012  
Revenue and Net Income of XJ Electric, 2012-2014  
Revenue and Net Income of Rongxin, 2009-2012  
Revenue of Rongxin by Product, 2009-2012  
Revenue of Rongxin by Region, 2009-2012  
Gross Margin of Rongxin by Product, 2009-2012  
Revenue and Net Income of Rongxin, 2012-2014E  
Revenue and Net Income of Sieyuan Electric, 2009-2012  
Revenue of Sieyuan Electric by Product, 2009-2012  
Revenue of Sieyuan Electric by Region, 2009-2012  
Gross Margin of Sieyuan Electric by Product, 2009-2012  
Revenue and Net Income of Sieyuan Electric, 2012-2014E  
Revenue and Net Income of Auto Electric, 2009-2012  
Revenue of Auto Electric by Product, 2009-2012  
Gross Margin of Auto Electric by Product, 2009-2012  
Revenue and Net Income of Auto Electric, 2012-2014E  
Revenue and Net Income of NARI, 2009-2012  
Revenue of NARI by Product, 2009-2012  
Revenue of NARI by Region, 2009-2012  
Gross Margin of NARI by Product, 2009-2012  
Revenue and Net Income of NARI, 2012-2014E  
Revenue and Net Income of Dongfang Electronics, 2009-2012  
Revenue of Dongfang Electronics by Product, 2009-2012  
Revenue of Dongfang Electronics by Region, 2009-2012  
Gross Margin of Dongfang Electronics by Product, 2009-2012  
Revenue and Net Income of Dongfang Electronics, 2012-2014E

## I would like to order

Product name: China Smart Grid Equipment Industry Report, 2012-2013

Product link: <https://marketpublishers.com/r/C5BD05CBA8FEN.html>

Price: US\$ 2,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C5BD05CBA8FEN.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