China Energy Conservation Service
Industry Report, 2015

Sep. 2015
STUDY GOAL AND OBJECTIVES
This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES
◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
◆ To complement the organizations’ internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
◆ To help company to succeed in a competitive market, and

METHODOLOGY
Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES
The primary information sources include Company Reports, and National Bureau of Statistics of China etc.
Abstract

Energy conservation service industry provides service and support for enterprises and projects in terms of energy conservation and emission reduction. An Energy Service Company, more commonly referred to as an "ESCO," is a company that provides/installs and manages a suite of comprehensive energy solutions for a client company which reduces the energy expenses and greenhouse gas emissions for the client. Main business models for an ESCO to carry out energy saving business are Energy Management Contracting (EMC) / Energy Performance Contracting (EPC), etc, involving Shared Savings, Guaranteed Savings, Chauffage, etc.

By the end of 2014, there were 5,125 energy conservation service companies and 562,000 practitioners in China, up 5.6% and 10.6% respectively on a year-on-year basis. In 2014, China’s energy conservation service industry created output value of RMB265.037 billion, up 23.0% year-on-year (annual growth of 30% or over during 2007-2013)
With respect to business models, EMC occupies an important position, seeing investment up 29.2% year-on-year to RMB95.876 billion, making up 36.2% of the industry’s output value. Concerning specific ways, shared savings dominates the market. Restricted by capital of energy conservation service companies, guaranteed savings and chauffage are expected to see a larger proportion of EMC investment in the future. At the same time, along with China’s implementation of the reform that allows social capital to participate in the urban infrastructure investment and operations through franchise and other ways, PPP mode (participation from energy conservation service companies, social capital and government) energy conservation service will possibly become dominant in infrastructure and public utilities.

At present, China’s energy conservation service applications are mainly found in industrial sectors (about 70% of the total energy consumption in the country), whose energy conservation service output value makes up more than 70% of the industry-wide output value. In the industrial field, energy conservation services are mainly concentrated in recycling of waste heat / residual pressure, energy-saving of motor system, optimization of energy system, improvement of furnace / boiler, etc. Besides, construction, transportation and other fields also have great energy saving potentials e.g. China’s existing building energy-saving renovation market potential reached RMB4.434 trillion by the end of 2014.

Because of small assets scale and difficult financing, services provided by Chinese energy conservation service companies are mainly single energy conservation types with small amount of investment. However, with the expansion of financing channels and improvement of professional skill, an integrated solution covering energy saving, environmental protection and intellectualization for systems (including heating system, air conditioning and refrigeration system, lighting system, ventilation and air exchange system, water system and other subsystems) will become a trend.

China Energy Conservation Service Industry Report, 2015 mainly covers the following:

- Overview of energy conservation service industry, including definition, business model, EMC comparison between China and the US, PPP mode, etc.;
- Operation of energy conservation service industry, including relevant policies, number of enterprises and employees, industry output value, EMC investment, applications, competition pattern, etc.;
- Energy conservation service market segments, including status, market size, competition pattern, prospects, etc. of waste heat power generation / motor energy saving / building energy saving;
- 17 major players, including their profile, operating performance, revenue structure, gross margin, energy conservation services, development strategy, etc.
1. Overview of Energy-saving Service Sector

1.1 Definition and Business Model

1.1.1 Definition
1.1.2 Business Model

1.2 EMC/EPC

1.2.1 Overview
1.2.2 EPC in the US
1.2.3 EMC in China
1.2.4 Comparison between China and the US

2. Energy Saving Service Market Operation

2.1 Relevant Policies
2.2 Market Size
2.2.1 Number of Enterprises and Employees
2.2.2 Output Value
2.2.3 EMC Investment
2.3 Applications
2.4 Competition Pattern

3. Energy Saving Service Market Segments

3.1 Waste Heat to Power (WHP)
3.1.1 Market Status
3.1.2 Market Size
3.1.3 Competitive Landscape
3.1.4 Prospects
3.2 Motor Energy Saving
3.2.1 Market Overview
3.2.2 Market Size

3.3 Building Energy Saving
3.3.1 Market Profile
3.3.2 Market Size
3.3.3 Competition Pattern

4. Major Companies

4.1 Sinoma Energy Conservation Ltd.
4.1.1 Profile
4.1.2 Operating Performance
4.1.3 Revenue Structure
4.1.4 Gross Margin
4.1.5 Energy Conservation Services
4.1.6 Development Strategy
4.1.7 Prospects

4.2 China Southern Power Grid Comprehensive Energy Co., Ltd.
4.2.1 Profile
4.2.2 Business Model
4.2.3 Operating Performance
4.2.4 Energy Conservation Services
4.2.5 Energy Conservation Services
4.2.6 Development Strategy

4.3 Beijing Kingtech Co., Ltd.
4.3.1 Profile
4.3.2 Operating Performance
4.3.3 Revenue Structure
4.3.4 Gross Margin
4.3.5 Top 5 Customers
4.3.6 Energy Conservation Services

4.4 Schneider Electric

4.4.1 Profile
4.4.2 Operating Performance
4.4.3 Revenue Structure
4.4.4 Gross Margin
4.4.5 Energy Conservation Services
4.4.6 Business in China
4.4.5 Energy Conservation Services
4.4.6 Development Strategy
4.4.6 Shuangliang Eco-Energy Systems Co., Ltd.
4.4.6 Beijing Yuanshen Energy Saving Technology Co., Ltd.
4.4.6 Zhejiang Ecowell Energy Management Technology Co., Ltd.
4.4.6 INVT Energy Management (Shenzhen) Co., Ltd.
4.4.6 Beijing ZNXY Energy & Environment Co., Ltd.
4.4.6 Oriental Green Energy-Saving Environmental Protection Engineering Co., Ltd.
4.4.6 Beijing Dynamic Power Co., Ltd.
4.4.6 East New Energy
4.4.6 Zhejiang Dun'An Artificial Environment Co., Lt.
4.4.6 Beijing SN'TA Energy-Efficient Electric Co., Ltd.
4.4.6 Yantai Longyuan Power Technology Co., Ltd.
4.4.6 Shenwu Environmental Technology Co., Ltd.
<table>
<thead>
<tr>
<th>Topic</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Enterprises and YoY Growth in China Energy Conservation</td>
<td>2007-2018E</td>
</tr>
<tr>
<td>Service Industry, 2007-2018E</td>
<td></td>
</tr>
<tr>
<td>Number of Employees and YoY Growth in China Energy Conservation</td>
<td>2007-2018E</td>
</tr>
<tr>
<td>Service Industry, 2007-2018E</td>
<td></td>
</tr>
<tr>
<td>Industry, 2007-2018E</td>
<td></td>
</tr>
<tr>
<td>Investment and YoY Growth of Chinese EMC Projects, 2007-2018E</td>
<td></td>
</tr>
<tr>
<td>Number of Chinese EMC Projects (by Technology), 2013</td>
<td></td>
</tr>
<tr>
<td>2007-2018E</td>
<td></td>
</tr>
<tr>
<td>High-efficiency Electrical Machine Sales and YoY Growth, 2013-2018E</td>
<td></td>
</tr>
<tr>
<td>China’s Building Energy Consumption Structure</td>
<td></td>
</tr>
<tr>
<td>2013-2018E</td>
<td></td>
</tr>
<tr>
<td>Revenue and YoY Growth of Sinoma Energy Conservation, 2010-2015</td>
<td></td>
</tr>
<tr>
<td>Net Income and YoY Growth of Sinoma Energy Conservation, 2010-2015</td>
<td></td>
</tr>
<tr>
<td>Revenue Structure of Sinoma Energy Conservation (by Business), 2010-2015</td>
<td></td>
</tr>
<tr>
<td>Revenue Structure of Sinoma Energy Conservation (by Region), 2010-2015</td>
<td></td>
</tr>
<tr>
<td>Gross Margin of Sinoma Energy Conservation (by Business), 2010-2015</td>
<td></td>
</tr>
<tr>
<td>Revenue and YoY Growth of Sinoma Energy Conservation, 2015-2018E</td>
<td></td>
</tr>
<tr>
<td>Major Co-partners of China Southern Power Grid Comprehensive Energy</td>
<td></td>
</tr>
<tr>
<td>Revenue and YoY Growth of China Southern Power Grid Comprehensive</td>
<td>2011-2018E</td>
</tr>
<tr>
<td>Energy, 2011-2018E</td>
<td></td>
</tr>
<tr>
<td>Energy, 2011-2018E</td>
<td></td>
</tr>
<tr>
<td>Outlets of Kingtech</td>
<td></td>
</tr>
<tr>
<td>Revenue and YoY Growth of Kingtech, 2012-2018E</td>
<td></td>
</tr>
<tr>
<td>Net Income and YoY Growth of Kingtech, 2012-2018E</td>
<td></td>
</tr>
<tr>
<td>Revenue Structure of Kingtech by Business, 2012-2015</td>
<td></td>
</tr>
<tr>
<td>Gross Profit and Gross Margin of Kingtech by Business, 2012-2015</td>
<td></td>
</tr>
<tr>
<td>Employee of Schneider Electric by Region by the end of 2014</td>
<td></td>
</tr>
</tbody>
</table>
Selected Charts

- Revenue and YoY Growth of Schneider Electric, 2010-2015
- Net Income and YoY Growth of Schneider Electric, 2010-2015
- Revenue Structure of Schneider Electric by Business, 2010-2015
- Revenue Structure of Schneider Electric by Region, 2010-2015
- Gross Profit, YoY Growth and Gross Margin of Schneider Electric, 2010-2015
- Schneider Electric’s Subsidiaries in China
- Schneider Electric’s Revenue from China and YoY Growth, 2010-2018E
- Revenue and YoY Growth of Guangzhou Zhiguang Electric, 2010-2015
- Net Income and YoY Growth of Guangzhou Zhiguang Electric, 2010-2015
- Revenue Structure of Guangzhou Zhiguang Electric by Business, 2010-2015
- Revenue Structure of Guangzhou Zhiguang Electric by Region, 2010-2015
- Gross Margin of Guangzhou Zhiguang Electric by Region, 2010-2015
- Sales Volume of Guangzhou Zhiguang Electric’s Main Products, 2010-2015
- Revenue and YoY Growth of Guangzhou Zhiguang Electric, 2015-2018
- Revenue and YoY Growth of Shuangliang Eco-Energy, 2010-2015
- Net Income and YoY Growth of Shuangliang Eco-Energy, 2010-2015
- Revenue Structure of Shuangliang Eco-Energy by Business, 2010-2015
- Revenue Structure of Shuangliang Eco-Energy by Region, 2010-2015
- Gross Margin of Shuangliang Eco-Energy by Business, 2010-2015
- Revenue and YoY Growth of Shuangliang Eco-Energy, 2011-2018
- Revenue Structure of Zhejiang Ecowell by Sector, 2011-2014
- Revenue Structure of Zhejiang Ecowell by Region, 2011-2014
- Gross Margin of Zhejiang Ecowell by Sector, 2011-2014
• Main Financial Indicators of INVT Energy Management (Shenzhen), 2013-2014
• Revenue and YoY Growth of Beijing ZNXY Energy & Environment, 2013-2018E
• Net Income and YoY Growth of Beijing ZNXY Energy & Environment, 2013-2018E
• Revenue Breakdown of Beijing ZNXY Energy & Environment (by Business), 2013-2015
• Gross Margin of Beijing ZNXY Energy & Environment (by Business), 2013-2015
• Cost Structure of EMC Projects of Beijing ZNXY Energy & Environment, 2013-2014
• China’s Fixed-Asset Investment and YoY Growth, 2013-2015
• China's Import/Export Scale and YoY Growth, 2013-2015
• China’s Total Retail Sales of Consumer Goods and YoY Growth, 2013-2015
• Main Business Models of Energy-saving Service Sector
• US Innovation in Energy-saving Service Sector and Effect
• Funding Sources of EMC Projects in China
• EMC Comparison between China and the US
• Energy-Saving Capacity of Key Energy Saving & Emission Reduction Projects during the 12th Five-Year Plan Period
• Average EMC Contract Size in Each Sector and Sectoral Share in Total, 2010-2011
• Market Share of Chinese Energy Conservation Service Projects (by Application), 2013-2014
• Top 30 Enterprises in China Energy Conservation Service Industry (by Energy Saving Capacity), 2013
  Number of Employees/Output Value/EMC Project Investment of Top 100 Enterprises in China Energy Conservation Service Industry (by Energy Saving Capacity), 2011-2014
• Revenue / EMC Project Investment of Top 100 Enterprises in China Energy Conservation Service Industry (by Assets), 2013
• Revenue / EMC Project Investment of Top 100 Enterprises in China Energy Conservation Service Industry (by Corporate Nature), 2013
• EMC Project Energy Saving Capacity of Top 100 Enterprises in China Energy Conservation Service Industry (by Model and Industry), 2013
Selected Charts

- New Cement Production Lines and Added Capacity in China, 2007-2014
- Number and Investment in China of Cement Production Lines Equipped with WHP Facilities, 2010-2018E
- WHP Revenue of Major Enterprises in China, 2010-2015
- China’s Potential Market Size of Industrial WHP Excluding Cement
- Main Paths for Electrical Machine Energy Saving
- Domestic Companies Engaged in Motor Energy Saving
- Revenue of Motor Energy Saving Business
- China’s Newly-built Energy Saving Building Area and Cumulative Built-up Energy Saving Building Area, 2010-2018E
- China’s Existing Building Energy-Saving Renovation Market Potential as of End-2014
- Building Energy Saving Revenue of Major Manufacturers in China, 2010-2015
- Number of Employees of Sinoma Energy Conservation (by Professional and Educational Background), 2013-2014
- Number of Production Lines and Installed Capacity of New Cogeneration Projects (by Business Model) of
- Sinoma Energy Conservation, 2008-2014
- Business Model of China Southern Power Grid Comprehensive Energy
- Kingtech’s Revenue from Top5 Customers, 2014-2015
- Main Business of Schneider Electric
- Schneider Electric (China) Co Ltd. is Schneider Electric’s subsidiary that engages in energy saving service business in China.
- Main Business of Beijing Yuanshen Energy Saving Technology
- Revenue from Zhejiang Ecowell’s Top 5 Customers, 2013-2014
- Zhejiang Ecowell’s Major Energy-saving Services
• Zhejiang Ecowell’s Energy Performance Contracting Projects and Electricity Saving Amount, 2011-2014
• Raw Material Procurement of Zhejiang Ecowell by Product, 2011-2014
• Main Business of INVT Energy Management (Shenzhen)
• Main Successful Cases of INVT Energy Management (Shenzhen)
• Beijing ZNXY Energy & Environment’s Sales from Top 5 Customers, 2014-2015
• Energy Saving Service Business of Beijing ZNXY Energy & Environment
• In-Production EMC Projects of Beijing ZNXY Energy & Environment, 2013-2014
• Revenue and YoY Growth of Beijing Dynamic Power, 2010-2015
• Net Income and YoY Growth of Beijing Dynamic Power, 2010-2015
• Revenue of Beijing Dynamic Power by Product, 2010-2015
• Revenue of Beijing Dynamic Power by Region, 2010-2015
• Consolidated Gross Margin of Beijing Dynamic Power, 2010-2015
• Gross Margin of Beijing Dynamic Power by Product, 2010-2015
• Major Energy Conservation Service Subsidiaries of Beijing Dynamic Power, 2015
• Revenue and YoY Growth of East New Energy, 2010-2015
• Net Income and YoY Growth of East New Energy, 2010-2015
• Revenue of East New Energy by Product, 2010-2015
• Consolidated Gross Margin of East New Energy, 2010-2015
• Gross Margin of East New Energy by Product, 2010-2015
• Major Shareholding Companies and Net Income of East New Energy, H1 2015
• Revenue and YoY Growth of Zhejiang Dun’An Artificial Environment, 2010-2015
• Net Income and YoY Growth of Zhejiang Dun’An Artificial Environment, 2010-2015
• Revenue Breakdown of Zhejiang Dun’An Artificial Environment by Product, 2010-2015
• Revenue Breakdown of Zhejiang Dun’An Artificial Environment by Region, 2010-2015
• Consolidated Gross Margin of Zhejiang Dun'An Artificial Environment, 2010-2015
• Gross Margin of Zhejiang Dun'An Artificial Environment by Product, 2010-2015
• R&D Costs and % of Total Revenue of Zhejiang Dun'An Artificial Environment, 2010-2015
• Main Projects of Zhejiang Dun'An Artificial Environment, 2014-2015
• Revenue and YoY Growth of Yantai Longyuan Power Technology, 2010-2015
• Net Income YoY Growth of Yantai Longyuan Power Technology, 2010-2015
• Revenue Breakdown of Yantai Longyuan Power Technology by Product, 2010-2015
• Revenue Breakdown of Yantai Longyuan Power Technology by Region, 2010-2014
• Consolidated Gross Margin of Yantai Longyuan Power Technology, 2010-2015
• Gross Margin of Yantai Longyuan Power Technology by Product, 2010-2015
• R&D Costs and % of Total Revenue of Yantai Longyuan Power Technology, 2010-2015
• Output and Sales Volume of Energy-efficient and Environment-friendly Products, 2013-2014
• New Order and Execution of Energy Saving and Environmental Protection Projects of Yantai Longyuan Power Technology, 2015H1
• Revenue and YoY Growth of Shenwu Environmental Technology, 2010-2015
• Net Income and YoY Growth of Shenwu Environmental Technology, 2010-2015
• Revenue Breakdown of Shenwu Environmental Technology by Product, 2010-2015
• Consolidated Gross Margin of Shenwu Environmental Technology, 2010-2015
• Gross Margin of Shenwu Environmental Technology by Product, 2010-2015
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