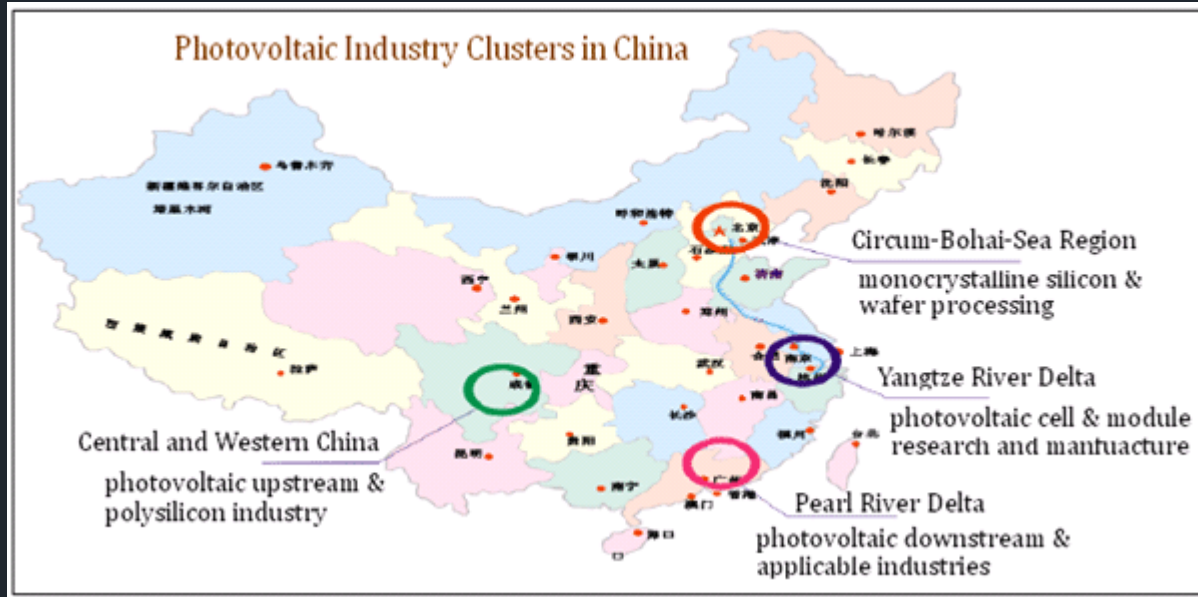


China Solar Polysilicon Industry Report, 2009



The world's solar cell output increased 40% yearly on average over the past decade. Promoted by the global PV market, China's PV export value reached RMB150 billion in 2008, topping in the world. In addition, its PV output accounted for 30% of global total, and was the sum of Germany and Japan.

The global economic downturn has made PV industry stranded, and the ratio of output to demand was 2:1. In 1H 2009, the output value of world's PV industry dropped nearly 40%, while the advantages such as low cost made China's PV market share rise to 40%. In China, more than ten startups have successfully went public via PV market development, as well as many listed companies have entered the PV market, all of which had developed rapidly during several years before 2008, and their output capacity had been successively expanded.



Seen from the latest situation, some problems such as blind investment and overcapacity have occurred in the development course of China's polysilicon industry.

Firstly, overcapacity in total output scale.

Lured by high profit in previous years, huge capital has flowed into polysilicon industry since 2006, which resulted in rapid expansion of polysilicon output capacity. According to the statistics, the polysilicon output capacity hit approximately 20,000 tons in China in 2008, and the output was 4,000 tons, while the production capacity under construction was over 80,000 tons, indicating evident overcapacity. Meanwhile, being an energy-intensive industry, the electricity charges of polysilicon accounts for 35%-40% in production cost. Currently, China's PV industry has not started up by large extent, and 98% of solar cells made with China-made polysilicon are for export, which means indirectly energy export in large quantity.

Secondly, unreasonable distribution

The polysilicon projects should be established in the areas with rich energy and low-price electricity considering its electricity guzzling. However, a substantial part of new construction projects are built in East China and Central China, the areas with high electricity price and short of energy resources.

In Sep, 2009, China's central government listed polysilicon as an overcapacity industry in order to guide its healthy development, avoid excessive competition and achieve energy-saving and emission reduction. It was explicitly proposed to strictly supervise industrial market access, strengthen environmental monitoring and project approvals, and implement the accountability system. In the meantime, it was planned to resolutely curb polysilicon overcapacity and redundant construction by rendering the economic and administrative means.



Table of Contents

- **1 Overview of Solar Polysilicon Industry**
 - 1.1 Polysilicon
 - 1.1.1 Relevant Terms
 - 1.1.2 Production Processes
 - 1.2 Solar Polysilicon Industry Chain
 - 1.2.1 Structure
 - 1.2.2 Profit Margins by Link
 - 1.3 Industry Environment
 - 1.4 Overview of China's Polysilicon Industry
- **2 Polysilicon Market**
 - 2.1 Silicon Material Market
 - 2.2 Silicon Ingot / Silicon Wafer Manufacturing
 - 2.3 Solar Cell Module Market
 - 2.4 International Polysilicon Market
 - 2.5 China's Polysilicon Market
- **3 Polysilicon Materials Manufacturers**
 - 3.1 Overview
 - 3.2 Hemlock Semiconductor
 - 3.2.1 Profile
 - 3.2.2 Operation
 - 3.3 Wacker Chemie
 - 3.3.1 Profile
 - 3.3.2 Products & Clients
 - 3.4 Tokuyama
 - 3.4.1 Profile
 - 3.4.2 Sales & Output Capacity
 - 3.5 MEMC Electronic Materials
 - 3.5.1 Profile
 - 3.5.2 Revenue & Output
 - 3.5.3 Development Strategies
 - 3.6 REC
 - 3.6.1 Profile & Organization
 - 3.6.2 Output & Planning
 - 3.7 China Silicon Corporation

- 3.8 Emei Semiconductor Material Factory
- 3.9 Sichuan Chuantou Energy Co., Ltd
- 3.10 CSG Holding Co., Ltd
- 3.11 Shanghai Aerospace Automobile Electromechanical Co., Ltd (SAAE)
- 3.12 GRINM Semiconductor Materials Co., Ltd

- **4 Polysilicon Manufacturers**
- 4.1 Suntech Power Holdings
- 4.2 Baoding Tianwei Yingli New Energy Resources Co., Ltd
- 4.3 China Sunergy Co., Ltd
- 4.4 Shenzhen Topray Solar Co., Ltd
- 4.5 Sunvim Group Co., Ltd
- 4.6 Advanced Technology & Materials Co., Ltd (AT&M)
- 4.7 Shandong Jinjing Science & Technology Stock Co., Ltd
- 4.8 LDK Solar Co., Ltd (LDK)
- 4.9 Tianjin Zhonghuan Semiconductor Co., Ltd
- 4.10 Jiangsu Dagang Co., Ltd

Selected Charts

- Polysilicon Samples
- Polysilicon Industry Chain Structure
- Status of China's PV Related Industries
- Global Solar Cell Industry Chain
- PV Industry Chain Value Structure
- Pre-tax Profit Margin Distribution of Global PV industry Chain, 2005-2010
- China Solar Installed Capacity and Generating Capacity Plan, 2004-2050
- China Solar Energy Utilization Schedule, 2006-2020
- Geographical Distribution of Solar Energy Resources in China
- Comparison between Chinese and Foreign PV Listed Companies by Evaluation
- Global Accumulative PV Solar Installed Capacity and Growth Rate, 1994-2007
- China's Accumulative PV Installed Capacity, Annual Installed Capacity and Growth Rate, 2000-2009
- China's Four PV Industry Clusters
- Global Solar-grade Silicon Raw Materials Output Expansion, 2003-2010
- Global Electronic-grade Silicon Raw Materials Output Expansion, 2003-2010
- Construction of Global Key Silicon Materials Plants, 2006-2009
- Construction of China's Key Silicon Materials Plants, 2007-2010
- Operation Flow from Silicon to Wafer
- China's Typical Companies of Solar Polysilicon-Silicon Ingot/Silicon Wafer-Battery Modules Industry Chain
- Change of Silicon Wafer Thickness and Solar Cell Efficiency, 2003-2010
- PV Module Sales and Growth Trend by Region over the Years

- Output Capacity and Market Share of China's Key Cell Module Manufacturer
- Output Capacity and Product Structure Adjustment of Global Key Polysilicon Manufacturers, 2006-2010
- Output Capacity Expansion of Global Polysilicon Manufacturers, 2005-2010
- Polysilicon Project Planning of Global Newcomers, 2006-2010
- China's Polysilicon Projects to be Constructed and under Construction
- China's High-purity Polysilicon, Silicon Ingots and Silicon Wafer Manufacturers
- Polysilicon Planned Investment and Output Capacity of Some Manufacturers
- Solar-grade Silicon Materials Expansion Plan of Traditional Large Companies
- Hemlock's Three Biggest Shareholders and Equity Structure
- Hemlock's Distribution of Upstream Raw Materials, Midstream Products and Downstream Customers
- Hemlock's Output Capacity, 2005-2009
- Hemlock's Four Largest Customers and Corresponding Products
- Key Products and Application Fields of Wacker Polysilicon Subsidiaries
- Wacker's Business Structure
- Global Business Distribution of Wacker Polysilicon Divisions
- Wacker's Practical Output Capacity, 2006-2010E
- Wacker's Production Bases, Product Catalogue and Application Fields
- Wacker's Polysilicon Applications (Electronics & Solar Energy)
- Wacker's Polysilicon/Monocrystal Silicon Wafer Application and Potential Customers in Electronics Field
- Wacker's Polysilicon/Monocrystal Silicon Wafer Output Capacity Plan, 2005-2010E
- Tokuyama's Equity Structure
- Tokuyama's Capital Structure
- Tokuyama's Annual Sales, 2002-2008
- MEMC's Nine Manufacturing Bases Worldwide

- MEMC's Revenue and Profit Margin, 2002-2008
- MEMC's Achieved and Planned Output, 2005-2010E
- MEMC's Polysilicon Supply and Demand Forecast
- MEMC's Prospect
- REC's Practical Output, 2007-2010E
- Practical Output and Forecast of Silicon Wafer, 2007-2010E
- Output and Sales of China Silicon Corporation, 2002-2008
- Output Forecast of China Silicon Corporation, 2008-2011E
- Practical Output and Forecast of Emei Semiconductor Material Factory, 2007-2010E
- Main Finance of Sichuan Chuantou Energy Co., Ltd
- SAAE's Quarterly Revenue and Profit, 2006-2009
- Main Finance of GRINM Semiconductor Materials
- Equity Structure of Suntech Power Holdings
- Operation Statistics of Suntech Power Holdings, 2006-2009
- Net Income of Suntech Power Holdings, 2008-2009
- Gross Profit of Suntech Power Holdings, 2007-2009
- Solar Cell Practical Output of Suntech Power Holdings, 2007-2010E
- Revenue and Profit of Baoding Tianwei Yingli New Energy Resources, 2007-2011E
- China Sunergy's Output Expansion Plan, 2006-2008
- Main Finance of Shenzhen Topray Solar
- Main Finance of Sunvim Group
- Main Finance of AT&M
- Main Finance of ShandongJinjing Science & Technology Stock Co., Ltd
- Relationship between LDK's Main Customers
- Main Finance of Tianjin Zhonghuan Semiconductor
- Main Finance of Jiangsu Dagang Co., Ltd

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