

2010 Deep Research Report on China PV Power Station

Hard copy : 2500 USD

Electronic copy (PDF) : 2500USD

Hard and Electronic copy : 3000USD

Pages:350

Tables and figures :457

Published date : January 12, 2010

Publisher: QYResearch Solar Energy Research Center

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Summary:

China has become the largest Solar Cell Module producer in the world since 2008, and this figure includes the output of Taiwan, which accounted for 40% in the worldwide. Due to the short demand of photovoltaic products in the home markets, almost less than 1%, the Solar Cell Module in china are almost exported. However, this situation has changed since 2009. The construction photovoltaic subsidy policy, issued in March, 2009, was once considered optimistic in the photovoltaic industry. Although there was no great demand in the actual implementation, this indeed showed that Chinese photovoltaic market had come out. The following "Golden Sun" policy, issued in July, 2009, brought about a real demand of 640MW. Meanwhile, many project subsidies will have been allocated to the project owner before the December 31st, 2009. This phenomenon suggests that it is a government-supported industry and appropriate measures can be taken efficiently. However, the most concerned on-grid price policy has still not been issued in the end of 2009. QY research estimated that it would be promulgated in 2010. If the previous policies, such as building photovoltaic and golden sun, were a prelude, then the on-grid price policy would be the basis for explosive photovoltaic demands. Up to the end of 2009, an intention agreement for solar power plant project of more than 13GW has been signed; meanwhile, the first phase project of more than 1 GW has commenced. These are the arrival signs of on-grid price policy. According to the estimates from QY research and strategies from the senior government officials, QY research is optimistic about this policy; furthermore, it is estimated that the accumulated installation capacity of China PV industry will reach 20 GW by 2020, and this prediction is just the same with the energy bureau. Unlike Europe and the United States, where the photovoltaic products are mainly used in the household and construction industry, China will make the ground photovoltaic station as the backbone in the development of PV industry. Therefore, the great photovoltaic demands in China might drive the global PV industry into a new stage in the PV recession period.

"Deep industry research report on China PV power station in 2010", is a professional and comprehensive report in the field of China photovoltaic power plants. In the report, information on

the solar energy resource is first introduced, then followed by the various links of photovoltaic industry chains, and then the design and construction of photovoltaic power plants and other relevant information. The main photovoltaic subsidy policy, including national policies, some key provincial and municipal policies and other relevant photovoltaic projects: the building photovoltaic projects, Golden Sun projects and other big intention project on the on-grid price policy, is described in detail. It also covers the large-scale grid projects of more than 10 MW and relevant statistics on installation capacity of different types of owners, such as roof, Golden Sun, ground, on-grid, off-grid, lamps, energy-saving, China Guangdong Nuclear Power Plants, crystalline silicon, thin film and so on. Meanwhile, the prediction on the installation capacity between 2010 and 2014 is made; and newly installed capacity and accumulated capacity between 2010 and 2020 is also listed. Finally, detailed and comprehensive investment analysis on grid power station of 100KW BIPV and the 10MW ground PV are described, respectively. Generally speaking, it is a professional and comprehensive deep research report on the PV power stations in China. Therefore, it will be a suitable reference for investment enterprises and solar energy industry chain-related enterprises in the decision-making or marketing analysis. During its preparation, it has gained large supports from engineers, technicians and senior experts in PV power plants, installation companies, inverter companies, relevant government agencies and various areas of PV industry. Here, we want to express our great gratitude..

Table of Contents:**Chapter One Solar Energy and Related Resources Overview 1**

- 1.1 Introduction 1
 - 1.1.1 PV Power Station Industry Chain Structure 1
 - 1.1.2 Methodology 4
- 1.2 Definition 6
 - 1.2.1 About Solar Energy 6
 - 1.2.2 Advantages and Disadvantages of Solar Energy 6
 - 1.2.3 About PV Power Station 7
 - 1.2.4 Types of PV Cells 7
 - 1.2.5 Types of PV Systems 8
 - 1.2.6 Classification of PV Power Station 8
 - 1.2.7 About Solar Energy Production 8
 - 1.2.8 About Carbon Emission Reductions 10
- 1.3 China Solar Energy and Related Definitions 10
- 1.4 China Energy Productions Supply, Sales, Demand, Market Overview 15

Chapter Two Industry Summary of PV Power Station 23

- 2.1 PV Systems Overview 23
- 2.2 Classification and Analysis of PV Power Station 30
- 2.3 Solar Polysilicon Overview 34
- 2.4 Industry Summary of PV Cell and PV Module 41
 - 2.4.1 Definition of PV Cells 41

- 2.4.2 Classification of PV Cells 43
- 2.4.3 Cost of PV Cells and Analysis 46
- 2.4.4 Global and China PV Cell Market Analysis 48
- 2.4.5 2009 Top Ten New Technology of Solar Energy 51
- 2.4.6 Investment Analysis of PV Cell and PV Module 54
- 2.4.7 Analysis and Summary of China PV Cell and PV Module Industry 55
- 2.5 Industry Summary of PV Inverter 57
 - 2.5.1 Definition of PV Inverter 57
 - 2.5.2 Feature of PV Inverter 57
 - 2.5.3 Classification of PV Inverter 58
 - 2.5.3 Global PV Inverter Productions Supply Sales Demand Market Overview 63
 - 2.5.4 Investment Analysis (200MW Capacity) 66
 - 2.5.5 Analysis and Summary of PV Inverter 68

Chapter Three Design and Construction of PV Power Station 69

- 3.1 Design Ideas of PV Power Station 69
- 3.2 Selection of PV Cells 71
- 3.3 Design of BIPV 73
 - 3.3.1 Definition of BIPV and BAPV 73
 - 3.3.2 Classification of BIPV 74
 - 3.3.3 Design of BIPV 76
 - 3.3.4 PV Cells Installation of BIPV 77
 - 3.3.5 Program of On-grid BIPV 84
- 3.4 Design ideas of On-grid PV Power Station 87
 - 3.4.1 Design and Considerations of On-grid PV Power Station 87
 - 3.4.2 Automatic Tracking System Introduction and Analysis 89
 - 3.4.3 Engineering Construction Design of On-grid PV Power Station 95
- 3.5 Installation of PV Power System Equipment 100
- 3.6 Common problems of PV Power System 109
- 3.7 Case Study of PV Power Station 111
- 3.8 Solar Streetlights Summary 118

Chapter Four Related Policy Analysis of PV Power Station 131

- 4.1 Interpretation of “Solar PV Building” Policy 131
- 4.2 Interpretation of “Golden Sun” Policy 135
- 4.3 Interpretation of the local PV Policy 141
 - 4.3.1 Interpretation of <New Energy Industrial Restructuring and Revitalization Plan of Jiangsu Province> Policy 142
 - 4.3.2 Interpretation of <the Views of promoting Jiangsu Province PV Power> Policy 143
 - 4.3.3 Interpretation of Shanghai PV-related Policies 145
 - 4.3.4 Interpretation of Ningxia Province PV-related Policies 146
 - 4.3.5 Interpretation of Qinghai Province PV-related Policies 148
 - 4.3.6 Interpretation of Shandong Province PV-related Policies 151
 - 4.3.7 Interpretation of Zhejiang Province PV-related Policies 152

4.4”On-grid Electricity Price of the Solar Power”and”The Revitalization of China New Energy”
Policy Forecast 153

4.4.1 Interpretation of China adopts Amendment to Renewable Energy Law 153

4.4.2 “On-grid Electricity Price of the Solar Power”Policy Forecast 153

4.4.3”The Revitalization of China New Energy”Policy Forecast 154

4.5 PV-Related National Standards System Directory 155

Chapter Five Related Projects and Company Information of PV Power Station 159

5.1 Five Large Power Generation Groups Overview 159

5.1.1 China Huaneng Group (CHNG) Overview 159

5.1.2 China Datang Corporation (CDT) Overview 175

5.1.3 China Guodian Corporation (CGDC) Overview 191

5.1.4 China Huadian Corporation (CHD) Overview 200

5.1.5 China Power Investment Corporation (CPI) Overview 208

5.2 Power and PV Power Overview of China Top10 Power Generation Groups 218

5.3 China PV Power Station Project Summary 221

5.4 Directory of China PV System and Related Suppliers 235

Chapter Six Data Statistics and Market Share 268

6.1 “Solar PV Building”, “Golden Sun”,and Land PV Power Station 268

6.2 TOP10 PV Power Plant Owners270

6.2.1 Suntech 270

6.2.2 First Solar 271

6.2.3 China Technology Development Group Corporation (CTDC) 271

6.2.4 China Energy Conservation Investment Corporation (CECIC) 272

6.2.5 China Guangdong Nuclear Power Holding Corporation (CGNPC)279

6.2.6 China Datang Corporation (CDT) 280

6.2.7 China Guodian Corporation (CGDC) 280

6.2.8 China Water Investment Group Corporation(CWI) 281

6.2.9 State Development & Investment Corporation (SDIC) 281

6.2.10 China Power Investment Corporation (CPI) 284

6.2.11 Enfinity Corporation 284

6.2.12 China Huadian Corporation (CHD) 286

6.2.13 China Huaneng Group (CHNG) 287

6.2.14 Other 287

6.2.15 Owners Market share Summary 290

6.3 On-grid,Off-grid and other291

6.4 2010-2014China PV Power Station development Forecast 294

Chapter Seven Feasibility Analysis of PV Power Station296

7.1 100KWp of BIPV Project ROI Analysis 297

7.2 10MWp of On-grid PV Power Ground Station ROI Analysis 298

7.2.1 Overview 298

7.2.2 Necessity of Construction of PV Power Station 300

7.2.3 Power Resources Overview of Selected places	302
7.2.4 Climate Geographic Resources Overview of Selected places	304
7.2.5 PV Power Station Pre-design	307
7.2.5.1 Solar PV Module Selection	307
7.2.5.2 Efficiency Calculation of On-grid PV System	309
7.2.5.3 Calculation of Solar Radiation	310
7.2.5.4 PV Modules On-grid or Off-grid program	312
7.2.5.5 Design of PV Array Layout	312
7.2.5.6 Design of Lightning Box	314
7.2.5.7 DC Power Distribution Cabinet Design	314
7.2.5.8 Choice of On-grid Inverter	315
7.2.5.9 Design of AC Lightning Protection Power Distribution Cabinet	317
7.2.5.10 Design of AC step-up Transformer	318
7.2.5.11 Principles of System Solutions	319
7.2.5.12 Design of Photovoltaic Systems with Access to Grid	319
7.2.5.13 Important Unit Choice of On-grid Systems	320
7.2.5.14 Choice of Monitoring Device	321
7.2.5.15 Environmental Test Equipment	323
7.2.5.16 PV Systems Installed Lightning Protection Grounding	323
7.2.5.17 Improvements of PV System Program	323
7.2.6 Design of Construction	324
7.2.6.1 Construction Conditions	324
7.2.6.2 Construction Traffic Transport	324
7.2.6.3 Cover Area	324
7.2.6.4 Main Building	324
7.2.6.5 Solar PV Array Installation	324
7.2.6.6 Construction Layout	325
7.2.6.7 Construction Schedule	325
7.2.7 Environmental Impact Assessment	325
7.2.8 Generation Capacity Analysis	326
7.2.9 Investment Estimation	326
7.2.10 Financial Analysis	328

Chapter Eight Research Conclusions 331

Tables and Figures:

Figure PV DC-load Off-grid System Simple Diagram 1

Figure PV AC-load Off-grid System Simple Diagram 1

Figure PV On-grid System Simple Diagram 1

Figure PV Power Station Industry Chain Structure 2

Figure Site Selection and influencing factors of PV Power Station Structure 2

Figure Construction of flow charts of PV Power Station 3

Figure Solar Energy calculation Structure Diagram 4

Figure Distribution of China Solar radiation resource 10

Figure China Solar Annual radiation intensity 11

Figure China Solar Annual Sunshine Percentage 12

Figure China Solar annual Sunshine hours 12

Figure Distribution Status of China Land-use Types 13

Table 4 Types of deserts in China 13

Figure China population density distribution 14

Figure Comparison of (Wind/PV/water/nuclear/biomass/coal) Energy supply Systems 15

Table 1978-2008 China total Energy production (100 million TCE) and (Wind /PV /water / nuclear /biomass /coal) Energy accounts for the proportion (%) 16

Table 1978-2008 China total Energy consumption(100 million TCE)and (Wind /PV /water / nuclear /biomass /coal) Energy accounts for the proportion (%) 16

Figure 1978-2008 China Energy consumption Structure Diagram 17

Figure 1978-2008 difference between China Energy consumption and Energy production (100 million TCE) 18

Figure 2001-2008 China total Energy consumption (100 million TCE) 18

Figure 1990-2007 China Electric Power Consumption Structure (100 million kilowatt hours) 19

Table 2000-2007 Electricity consumption in various regions of China (100 million kilowatt hours) 19

Figure 2008 China Renewable Energy Scale and annual Energy use (100000 KW) 20

Figure 2002-2008 China Annual Installed Capacity of Hydropower Energy (100000 KW) 21

Figure 2002-2008 China Annual Installed Capacity of Wind Energy (100000 KW) 21

Figure 2002-2008 China Annual Installed Capacity of PV Energy(100000 KW) 22

Table Since 2000, Average growth rate of On-grid,Off-grid Solar and other new Energy sources in China 22

Table 2010 China total Installed PV Market volume (MWp) and Different Types of PV Systems Market share (%) 22

Table 2020 China total Installed PV Market volume (MWp) and Different Types of PV Systems Market share (%) Forecast 23

Table Characteristics of PV Power System 23

Table Benefits of Installation of PV System (100kW PV System as an example) 24

Table Type and scope of photovoltaic Power Generation System Application 24

Figure PV System Structure Diagram: By Product Classification 25

Figure PV System Structure Diagram: By Market Classification 26

Figure Rural-Electrification 27

Figure Communication and Industry Applications 28

Figure Solar Products 28

Table Contrast of Office Daily Power consumption curve and Daily PV curves 29

Figure (LS-PV) Introduction and Technical Characteristics 29

Figure PV DC-load Off-grid System Simple Diagram 30

Figure PV AC-load Off-grid System Simple Diagram 30

Figure PV On-grid System Simple Diagram 30

Table Comparison and Analysis of three Types of PV System 30

Table. (Small DC,Simple DC,Large DC,AC/DC,Utility Grid Connect,Hybrid) Features and Applications	31
Figure PV Power Station Equipment configuration Diagram	33
Figure Wind Generating Systems	33
Figure Off-grid PV System Structure Diagram	34
Table 2007-2008 proportion of the PV Power Plant Cost	34
Table Overview of polysilicon industry chain	34
Figure Q1/07-Q2/09 Global Solar Polysilicon Spot Price (\$/kg), and the contract price (\$/kg)	35
Table Development of Solar silicon material Overview	35
Figure Solar silicon production methods, Classification and Overview	36
Table Main features of "Improved Siemens Process"	36
Table Domestic Present Situation of "Improved Siemens Process" Overview	37
Table Main processes and Equipment of "Improved Siemens Process"	38
Table Overview and Process Route of Physical metallurgy	38
Table Contrast of "Improved Siemens Process" and "Physical metallurgy"	39
Figure 2005,2010 Different Technology of poly-silicon manufacturing process and Market share	39
Table Production (MW) and Production Capacity (MW) of China major Solar silicon supply	39
Table Analysis of China Solar Polysilicon Industry Overview	40
Table Investment Prospects of China Solar Polysilicon Industry Overview	40
Figure Solar Cell Industry Chain Structure	41
Figure PV Cell – PV Module –PV Array	42
Figure Cross-sectional profile of PV Cell	42
Table Package Types of PV Cell	42
Figure PV Cell Classification according Technology	43
Table 1999~2008 global (Poly c-Si,Mono c-Si, a-Si, Ribbon-sheet c-Si,CdTe,CIS) PV Module Market share	44
Table 2009 Different Types of photovoltaic Cells conversion Efficiency Overview	44
Table Crystalline silicon Solar Cells Production Process Overview	45
Table Measures of Improving the conversion Efficiency and high-life of crystalline silicon	45
Table Overview of Five Dynasties a-Si thin film	45
Table PECVD Deposition System Classification and related companies	45
Figure 2009 China polysilicon PV Cell industry chain Structure of and Cost (Cost price and related processing charge of Silicon materials/poly-silicon/wafer/PV Cell/PV Module/PV System, ¥/kg)	46
Figure 2010 China polysilicon PV Cell industry chain Structure of and Cost Forecast (Cost price and related processing charge of Silicon materials/poly-silicon/wafer/PV Cell/PV Module/PV System, ¥/kg)	46
Table 2009 Global Different Types of PV Cells Contrast and Analysis (Poly c-Si:, a-Si, CdTe, CIGS PV Cells Industrial conversion Efficiency %,Cost price ¥/kg, Photosensitive area m ² /KWp, Mono c-Si,and the relevant requirements of "Golden Sun" Policy)	46
Table 2009 Global Different Types of PV Cells Contrast and Analysis (Poly c-Si:,a-Si, CdTe,CIGS PV Cells Manufacturing Energy Consumption, Costs,Raw materials Richness Rate, Operation	

reliability,Light attenuation Rate, other materials of the PV Module) 47

Table By the end of 2009 China Thin-film PV suppliers, production Equipment suppliers , Type and Efficiency of the product 47

Figure 2000-2013 Global Solar Market (MW) ,Solar supply (MW) ,Solar Demand (MW) 48

Figure 2000-2009 Silicon supply (GW) ,Capacity c-Si (GW) ,Solar Demand (GW) 48

Table 2007-2009 Global 25 Vendors PV Cell/Module Production (MW) and Market share 48

Figure 2005-2013 Global PV Cell/Module new Installed Capacity (GW) ,Production (MW) and Capacity (MW) Forecast 49

Table 2007-2009 China 30 Vendors PV Cell/Module Production (MW) and Market share 50

Table Introduction of water-cooled Solar panels Introduction of water-cooled Solar panels 51

Table Introduction of Solar Energy conversion into hydrogen 51

Table Introduction of Solar Roof panels and Solar panels, which could be brushing 51

Table Introduction of large Thin-film Solar 52

Table Introduction of Organic Solar Collector 52

Table Introduction of Space Solar Energy Technology 53

Table Introduction of Solar Road Profile53

Table Introduction of Concentrated Solar Technology 54

Table Introduction of Nano-Solar Energy Technology 54

Table Introduction of Integrated Solar Energy Technology 54

Table Different Types of Solar Cells Investment Analysis 54

Table Different Types of Solar Cells Market Analysis and Summary 55

Figure PV Inverter Industry Chain Structure 57

Figure Manufacturing Process Flow of PV Inverter 58

Figure Centralized low voltage Inverter Introduction n 59

Figure Centralized high voltage Inverter Introduction 59

Figure Centralized Master - slave Inverter Inverter Introduction 60

Figure Distributed PV Arrays and PV panel string Inverter Introduction 61

Figure Distributed PV Arrays Inverter Introduction 62

Table Selection of Inverter Installation location 62

Table 2008 Global PV Inverter Capacity/Production/Sales (MW) 63

Figure 2007-2008 Changes in Market Share of PV Inverter 64

Figure 2006-2009 China Demand for Grid-on PV Inverter (MW) 64

Table 2008 Global 15 Manufacturers PV Inverter Price, Cost(\$/W) and Profit Margin 65

Table Dec 2007-Jul 2009 Global PV Inverter Retail Price (\$/w) 66

Table 200MW PV Inverter Project Investment Feasibility Analysis 67

Figure Site Selection and influencing factors of PV Power Station Structure 69

Table Design ideas of On-grid PV Power Station 70

Table Five-point advantage of On-grid PV Power Station compared with Off-grid PV Power Station 71

Table Considerations of Different PV Cells Types Selection 71

Figure Different Types of PV Cells 72

Table Required Area of 1kWp PV Power System By Different Cell Type 72

Figure BIPV Structure 74

Table Classification of BIPV 74

Figure BIPV case: Building Integrated PV	75
Figure BAPV case: Building Attached PV	75
Table Design Ideas of BIPV	76
Table PV Module selection Considerations in the BIPV	76
Figure Functions of Building integrated PV Modules	77
Figure Electric connection of PV Modules	77
Figure Generate electrical Energy of Different towards PV Modules Installation	78
Figure Shutter Influence to c-Si or Thin-film Modules	78
Table Installation of PV Cells in BIPV or BAPV	78
Figure Temperature and Power Generation Effect of PV Modules by Different ventilation Installation	79
Figure BIPV examples: Use of common Building-integrated PV Modules	79
Figure BIPV examples: Use of Waham filled	80
Figure BIPV examples: PV Modules as Building materials Installed on the flat Roof	80
Figure BIPV examples: South elevation surface to Install PV Modules	80
Figure Contrast with Glass- a-Si PV Cells and the c-Si PV Cells	81
Figure BIPV examples: Solar shading devices	81
Figure 10KVA outdoor-Type On-grid Inverter	82
Figure Case of BIPV Roof reconstruction	83
Figure On-grid PV electrical construction program 1::On-grid pricing method	84
Figure On-grid PV electrical construction program 2::Net meter measuring	85
Table Technical indicators of On-grid Inverter	86
Figure On-grid Solar Power station Structure Diagram	87
Table Characteristics of large-scale photovoltaic Power Plants (LS-PV)	87
Figure LS-PV Configuration	88
Figure LS-PV Equipment and Selection	88
Table LS-PV Other Considerations	88
Figure Full tracking and polar axis tracking System Structure Diagram	91
Figure Contrast with Different tracking methods of Annual Solar Energy gains	91
Table Specifications of Single-axis tracking System, double-axis tracking System	92
Table Analysis of Single-axis tracking System Power consumption	92
Figure Mechanical Structure Diagram: Single-axis tracking System	93
Table Mechanical Structure Diagram: double-axis tracking System	93
Table Analysis of double-axis tracking System Power consumption	93
Table Feasibility Analysis of tracking System	94
Figure Automatic Tracking System Project	94
Table Condensation tracking light and heat System Introduction	94
Table Automatic tracking System Investment Analysis	95
Figure Large On-grid PV Power Station: Calculation of PV phalanx spacing	95
Figure Large On-grid PV Power Station: Calculation of PV Power Station area	96
Figure Large On-grid PV Power Station: Examples of Site preparation	97
Figure Large On-grid PV Power Station: Classification and examples of Solar Cell bracket	97
Figure Large On-grid PV Power Station: Classification and examples of Plant rooms	98
Figure Large On-grid PV Power Station: Cabling examples	98

Figure Large On-grid PV Power Station: Lightning protection and Grounding examples 99

Figure Large On-grid PV Power Station: Construction of flow charts 100

Figure Construction of flow charts of on-grid PV Power Station 101

Table PV System Construction and Construction 101

Table Construction sequence 101

Table Construction of technical preparation 101

Table Construction site preparation 102

Table Equipment Installation 102

Table Checking and debugging 102

Table Commissioning and operation: Installation of photovoltaic Cells 104

Table Commissioning and operation: Installation of storage battery 105

Table Commissioning and operation: Installation of controller 106

Figure PV Power Station Computer Monitoring System 107

Table Commissioning and operation: Installation of Inverter 107

Table Commissioning and operation: Other Equipment 107

Table 12V PV System wire selection 108

Table 24V PV System wire selection 108

Figure PV System Common fault 109

Table PV Cells Common fault 110

Table Storage battery Common fault 110

Table Controller, Inverter Common fault 110

Figure PV Systems classical case - (DB Lehrter Station, Berlin) 111

Figure PV Systems classical case - Mont-Cenis Academy Herne Sodingen 111

Figure PV Systems classical case - Japan Sanyo 112

Figure PV Systems classical case - Japan Kyocera 113

Figure PV Systems classical case - Roofing Application 113

Figure PV Systems classical case - BIPV Roof 114

Figure PV Systems classical case - Shade Application 114

Figure PV Systems classical case - Parking shed Application 115

Figure PV Systems classical case - Slant wall Application 115

Figure PV Systems classical case - glass curtain wall Application 116

Figure PV Systems classical case - Roof skylight Application 117

Figure PV Systems classical case - Modeling 117

Table Solar Streetlight Configuration 118

Figure Test Data of Lamp lighting effects 118

Table Solar-head lamp configuration 119

Figure Test Data of 35W High-pressure sodium lighting Effects 119

Table Solar Double lamp configuration 120

Figure Test Data of LX lighting effects 120

Table Parts request of Solar Streetlight 20

Table Capacity design steps of Solar Streetlight 121

Table Calculation of Solar radiation 121

Table Beijing 12V18W System design 122

Table Beijing 24V35W System design 123

Table relevant Parameters of Different Types of Streetlight	125
Table Comparative advantages and disadvantages of Different Types of Streetlight	125
Table Discussion of high-brightness LED light source	125
Table Controller Technical Features of Streetlight	126
Figure storage battery life and the relationship between Depth of discharge	128
Figure Principles of Solar street light	128
Table Construction of Solar street light attention to the problem	129
Figure Installation of Solar Powered Street Light	130
Table. "Solar PV Building" Subsidy Policies: Part of the Project directory	133
Figure 2009-2013"Solar PV Building" Subsidy Policies: Annual Approved Installed PV System Capacity (MW) Forecast	133
Figure 2009-2013"Solar PV Building" Subsidy Policies: Annual Installed PV System Capacity (MW) Forecast	
Table On-gird Price Forecast	135
Table. "Golden Sun" Subsidy Policies: Scope of Support	135
Table. "Golden Sun" Subsidy Policies: Project Conditions	136
Table. "Golden Sun" Subsidy Policies: Projects Technical Requirements	136
Table. "Golden Sun" Subsidy Policies: Subsidy Standards	137
Table. "Golden Sun" Subsidy Policies: Main Point	137
Figure "Golden Sun" Subsidy Policies: PV Systems Project Installed Capacity (KW) of Different Provinces and the Market share	138
Figure "Golden Sun" Subsidy Policies: PV Systems Project Installed Capacity (KW) of Different Provinces	139
Table "Golden Sun" Subsidy Policies: Different Types of PV Systems Installed Capacity (MW) and the Market share	139
Figure "Golden Sun" Subsidy Policies:2010-2012 PV System Installation (MW) Forecast	140
Table 1,000 KW" Golden Sun" Investment Project Feasibility Analysis	140
Table 1,000 KW" Golden Sun" Investment Project Price Cost Analysis	140
Figure 2010-2012 Jiangsu Province on-gird PV System annual Installed Capacity (MW) and growth	144
Table 2009-2011 Jiangsu Province PV on-gird price (RMB/kwh) of Ground, Roof, BIPV	144
Table List of major PV Project in Qinghai Province Planning	151
Table Contrast and Analysis with on-gird price raw Policy and Subsidy Policy (Areas, binding, quality assurance mechanisms, Internet System, economy, internal mechanism)	153
Table The revitalization of China New Energy Overview	154
Figure China Management System of Certification and Accreditation and Implementation System Structure	155
Table List of Chinese National Standards: Off-grid PV System and related	155
Table List of IEC Standards: Off-grid PV System and related	155
Table List of Chinese National Standards: On-grid PV System and related	156
Table List of IEC Standards: On-grid PV System	156
Table List of Chinese National Standards: Lightning protection / Grounding, wind-resistant design	157
Table List of Chinese National Standards: PV Cell	157

Table List of Chinese National Standards: Being developed and Approval	158
Table Defect Off-grid PV System and related Chinese National Standards	158
Table Defect On -grid PV System and related Chinese National Standards	158
Table Not Use IEC Standards	158
Table Importance of developing national Standards For the promotion of PV Power	159
Table China Huaneng Group Company Basic Information (Structure, Shareholders, management team, products and business etc 12 Items)	160
Figure China Huaneng Group Functions	163
Figure China Huaneng Group Organization	163
Table China Huaneng Group List of Subsidiaries	163
Figure China Huaneng Group employees Structure	166
Figure China Huaneng Group As of early 2009, the distribution of Power Plant	167
Table China Huaneng Group As of early 2009, the distribution of Power Plant	167
Figure China Huaneng Group Installed Capacity Structure	170
Figure China Huaneng Group Industry Structure	170
Figure China Huaneng Group 2000-2008 Annual Power consumption (100 million kwh)	171
Figure China Huaneng Group 2000-2008 Annual Installed Capacity (10K KW)	172
Figure China Huaneng Group 2000-2008 Total assets (100 million ¥)	173
Figure China Huaneng Group 2000-2008 Operating income (100 million ¥)	174
Figure China Huaneng Group 2000-2008 Total profit (100 million ¥)	175
Table China Datang Corporation Company Basic Information (Structure, Shareholders, management team, products and business etc 12 Items)	175
Figure China Datang Corporation Functions	180
Figure China Datang Corporation Management Structure	181
Figure China Datang Corporation Structure and distribution of subsidiaries	182
Figure China Datang Corporation List of subsidiaries (215)	182
Figure China Datang Corporation China (Thermal Power, Hydropower, wind Power) Distribution	186
Figure 2002-2009 China Datang Corporation Annual Installed Capacity (10K KW)	186
Figure 2002-2009 China Datang Corporation Annual Power consumption (100 million kwh)	187
Figure 2002,2008 China Datang Corporation Annual Power share Structure(Thermal Power, Hydropower, wind Power,Biomass)	187
Figure 2002-2008 China Datang Corporation Hydropower Annual Installed Capacity (10K KW)	188
Figure 2002-2008 China Datang Corporation wind Power Annual Installed Capacity (10K KW)	188
Figure 2002-2008 China Datang Corporation Generator Group Structure	189
Figure 2002-2008 China Datang Corporation Total assets (100 million ¥)	189
Figure 2002-2008 China Datang Corporation Sales Revenue (100 million ¥)	190
Figure 2002-2008 China Datang Corporation Total profit (100 million ¥)	190
Table China Guodian Corporation (CGDC) Company Basic Information (Structure, Shareholders, management team, products and business etc 12 Items)	191
Figure China Guodian Corporation Organization	194
Table China Guodian Corporation List of wholly-owned Company (80) directory	194

Table China Guodian Corporation List of Internal accounting unit (15)	195
Table China Guodian Corporation List of Holding Company (113)	196
Table China Guodian Corporation List of Planning construction (37)	197
Table China Guodian Corporation List of Shareholding enterprises (10)	198
Table China Guodian Corporation List of 2 bodies shareholding enterprises	198
Figure China Guodian Corporation 2002-2008 Annual Installed Capacity (10K KW)	199
Figure China Guodian Corporation 2002-2008 Annual Power consumption (100 million kwh)	199
Figure China Guodian Corporation 2002-2008 Total assets (100 million ¥)	200
Figure China Guodian Corporation 2013 Installed Capacity (100M KW),profit (billion) (100 million ¥)	200
Table China Huadian Corporation (CHD (Structure, Shareholders, management team, products and business etc 12 Items)	200
Figure China Huadian Corporation Senior management Structure chart	203
Figure China Huadian Corporation Corporate Structure and distribution	204
Figure China Huadian Corporation Controllable Capacity and distribution	205
Figure China Huadian Corporation 2002-2008 Annual Installed Capacity (10K KW)	205
Figure China Huadian Corporation 2002-2008 Annual Energy Structure (10K KW)	206
Figure China Huadian Corporation 2002-2008 Annual Power consumption (100 million kwh)	206
Figure China Huadian Corporation 2002-200 Total assets (100 million ¥)	206
Figure China Huadian Corporation 2002-2008 Annual main business revenue (100 million ¥)	207
Table China Huadian Corporation 2003-2008 Annual Installed Capacity (10K KW),Annual Power consumption (100 million kwh) ,Heat (GJ),Total assets (100 million ¥),main business revenue (100 million ¥)	207
Figure China Huadian Corporation 2008 Employee Structure	208
Table China Power Investment Corporation (CPI) Company Basic Information (Structure, Shareholders, management team, products and business etc 12 Items)	208
Table China Power Investment Corporation Organization	211
Table China Power Investment List of Corporation Branches and subsidiaries (213)	211
Figure China Power Investment Corporation 2003-2008 Annual Power consumption (100 million kwh)	215
Table China Power Investment Corporation 2003-2008 Annual Installed Capacity (10K KW) and On-grid Capacity (10K KW)	215
Figure China Power Investment Corporation 2008 Power Structure (Thermal Power, Hydropower, renewable Energy share)	216
Figure China Power Investment Corporation 2003-2008 Holding Installed Capacity (10K KW)	216
Figure China Power Investment Corporation 2003-2008 Holding Installed Capacity (10K KW) of Thermal Power	217
Figure China Power Investment Corporation 2003-2008 Total assets (100 million ¥)	217
Figure China Power Investment Corporation 2009 Key Projects and dissemination of time	217
Table 2008 Top ten companies of Power Group in China Total Installed Capacity (MW), the total Generating Capacity (kilowatts) and the share of Chinese Market	218
Table 2008 Top ten companies of Power Group in China Coal consumption (million tons of	

standard coal), and annual carbon dioxide emissions (million tons) 218

Table 2008 Top ten companies of Power Group in China Power coal consumption (total coal consumption / total Thermal Power Generation Capacity, g / kWh) 219

Table 2008 Top ten companies of Power Group in China Share of renewable Energy Generation 219

Table 2008 Top ten companies of Power Group in China Non-hydro renewable Energy Capacity (MW) and the Share 219

Table 2008 Top ten companies of Power Group in China Wind Power Installed Capacity and the Market Share of China 220

Table Comparison and Analysis that Costs and On-grid price (RMB/kwh) of wind Power, PV Power, Hydropower, Thermal Power, nuclear Power and other Energy Generation in China 220

Table China has already built part of the On-grid photovoltaic Power Generation System (48) 221

Table 2009 Part of the "Solar PV Building" Project Directory Which was Confirmed By Ministry of Finance 222

Table January to June in 2009 subsidize table of Solar Power Projects (Installed Capacity, On-grid Capacity and Subsidies amount) 223

Table January to June in 2009 subsidize table of Public renewable Energy Off-grid Power System Installed Capacity, actual amount of Subsidies) 224

Table "Golden Sun" BIPV On-grid PV Power Generation Project list (Project name, region, property owners, Installed Capacity) 224

Table "Golden Sun" Off-grid PV Power Generation Project list (Project name, region, property owners, Installed Capacity) 231

Table "Golden Sun" Large-scale On-grid PV Power Generation Project list (Project name, region, property owners, Installed Capacity) 231

Table China (already signed) Large-scale On-grid PV Power Generation Project list 233

Table 2009 China Solar System Installers Company Directory (105) 235

Table 2009 Global Inverter Supplier Company Directory (40) 238

Table 2009 Global Charge Controller Supplier Company Directory (40) 239

Table 2009 Global Storage Battery Supplier Company Directory (40) 240

Table 2009 Global Converter Supplier Company Directory (40) 241

Table 2009 Global Monitoring System Supplier Company Directory (40) 243

Table 2009 Global Outdoor Tester Supplier Company Directory (12) 243

Table Off-grid PV System companies list (17) 244

Table Off-grid PV controller and Inverter Company list (16) 247

Table On-grid PV ≤400V Inverter Company List (6) 249

Table PV c-Si Thin-film Company List (32) 251

Table PV storage battery Company List (8) 265

Table Germany (Ground, Roof, BIPV) PV System Installed Capacity (MW) List 269

Table Germany (Ground, Roof, BIPV) PV System Share of Installed Market 269

Table 2009 Germany Roof System the amount of PV System Installed Capacity (MW) of Home (1-10KW), Public (10-100KW), Large (100KW and above) and Market Share 269

Table 2009-2014 China Installed Capacity (MW) of "Solar PV Building", "Golden Sun" and Ground Solar Power Plant 269

Table 2009-2014 China Market Share of "Solar PV Building", "Golden Sun" and Ground Solar

Power Plant 270

Table Suntech Large-scale PV Projects List 270

Table First Solar Large-scale PV Projects List 271

Table 2010-2014 First Solar PV Power Plant Annual Installed Capacity (MW) and Growth Rate 271

Table CETC Large-scale PV Projects List 272

Table CECIC PV demonstration Projects List 272

Table 2009-2014 CECIC PV Power Plant Annual Installed Capacity (MW) and Growth Rate 278

Table CECIC Large-scale PV Projects List 279

Table CGNPC Large-scale PV Projects List 279

Table 2010-2014 CGNPC PV Power Plant Annual Installed Capacity (MW) and Growth Rate 279

Table CDT Large-scale PV Projects List 280

Table 2010-2014 CDT PV Power Plant Annual Installed Capacity (MW) and Growth Rate 280

Table CGDC Large-scale PV Projects List 280

Table 2010-2014 CGDC PV Power Plant Annual Installed Capacity (MW) and Growth Rate 281

Table SINOHYDRO Large-scale PV Projects List 281

Table SDIC PV Demonstration Projects List 281

Table SDIC Large-scale PV Projects List 283

Table 2009-2014 SDIC PV Power Plant Annual Installed Capacity (MW) and Growth Rate 283

Table CDT Large-scale PV Projects List 284

Table Enfinity Large-scale PV Projects List 284

Table CGD Large-scale PV Projects List 286

Table 2009-2014 CGD PV Power Plant Annual Installed Capacity (MW) and Growth Rate 287

Table CHNG Large-scale PV Projects List 287

Table Other Company Large-scale PV Projects List 287

Table 2009 On-gird PV Power Plant Projects in China List 288

Figure 2009 China (Ground, Roof, BIPV) PV Power Plants Installed Capacity (MW) and Market Share 289

Figure 2009 China c-Si thin film PV Power Plants Installed Capacity (MW) and Market Share 289

Table 2009-2014 China Other Company On-gird PV Power Plant Installed Capacity (MW) and Growth Rate 290

Table 2009-2014 China major owners of On-gird PV Power Plant and the Installed Capacity (MW) 290

Table 2009-2014 China major owners of On-gird PV Power Plant and Market Share 290

Table 2009-2014 China Annual Installed Capacity (MW) of On-gird, Off-gird and other PV Power Plant 293

Table 2009-2014 China On-gird, Off-gird and other PV Power Plant Market Share 293

Table 2003-2009 American PV System Installed Capacity (MW) of Residential, non-residential and public facilities 293

Table 2009 Cost of Installed (¥/W) and Power consumption (10k kWh) of Several levels of 10 MW On-gird PV System 294

Figure 2009-2014 China PV System Installed Capacity (MW) and Growth Rate 295

Table 2007-2020 China PV System Annual Installed Capacity (MW), Cumulative Installed Capacity (MW) and Growth Rate 295

Figure 2007-2020 China PV System Annual Installed Capacity (MW),Cumulative Installed Capacity (MW) and Growth Rate 296

Table 100KWp BIPV Project design 297

Table Equipment, quantity, unit price and the Investment budget of 100KWp BIPV Project design 297

Table Environmental effects of 100KWp BIPV Project design 298

Table ROI Analysis of 100KWp BIPV Project 298

Table List of 10MWP Solar photovoltaic Power station required Equipment 299

Table Power Grid Demand in Gansu Province Forecast 302

Table 2003-2010 Electric Power and Energy balance of Dang River in Dunhuang City 302

Table 2005-2020 Power supply Forecast of Dunhuang City 303

Table 2005-2020 Power Grid Construction Planning of Dunhuang City 303

Table Latitude and longitude (°), Elevation (m),Heating / cooling design temperature (° C),Land temperature amplitude (° C) of Dunhuang City in Gansu Province 304

Table January to December Weather Data information of Dunhuang City 304

Table Dunhuang City Average of 10 years Meteorological Data (1990-2000) 304

Table Dunhuang City Inclement weather Data sheet 305

Table Dunhuang City January to December Temperature, humidity, day radiation intensity, atmospheric pressure, wind speed, land temperature and cooling / hot days 305

Table Geographical conditions in Dunhuang, Gansu Province Overview 306

Table 2009 Comparison of Different Types of Solar Cells selection 307

Figure Suntech STP280-24/Vd Poly c-Si PV Module 307

Table Suntech STP280-24/Vd Poly c-Si PV Module: Electrical performance Parameters 308

Table Suntech STP280-24/Vd Poly c-Si PV Module: Specification 309

Table On-grid photovoltaic Array Efficiency, Inverter conversion Efficiency, communication and network Efficiency and overall System Efficiency 309

Figure Dunhuang City January to December Monthly Average 0-90° Tilt Sunshine intensity contrast:(Fixed window Type) 310

Figure Dunhuang City January to December Monthly Average 0-90° Tilt Sunshine intensity contrast:(Single-Axis Type) 310

Figure Dunhuang City January to December Monthly Average 0-90° Tilt Sunshine intensity contrast:(two-Axis Type) 311

Figure Dunhuang City January to December Monthly Average 0-90° Tilt Sunshine intensity contrast: (Level, Best Angle of Fixed window Type, Best Angle of Single-Axis Type, two-Axis Type) 311

Table Full-year Solar Energy earnings (MWh / m²) Contrast: (Level,Best Angle of Fixed window Type Best Angle of Single-Axis Type, two-Axis Type) 311

Figure Pitch Design of PV Module Array 312

Table Civil Design of 10MWP PV Power Plant 313

Figure Design of PV Array DC lightning protection convergence box 314

Figure DC Power Distribution Cabinet Configuration 314

Table 250KW On-grid Inverter performance Parameters 316

Figure 250KW On-grid Inverter main circuit topology 317

Figure AC Power Distribution Cabinet principle of lightning protection 318

Table Transformer Technical Data 318

Figure Schematic Diagram of System components program 319

Figure 35KV medium voltage AC Power Access Solution Map 320

Table Choice of 35KV/0.4KV distribution Transformers 320

Table Dunhuang City January to December Monthly Average Generating Capacity (10k kwh) Forecasting 326

Table PV Arrays Cost breakdown of 10MWp PV Power Plant 327

Table Total estimated Table of 10MWp PV Power Plant Static Investment 328

Table 10MW photovoltaic Power Plant Investment ROI Analysis: Company account for 20% of Investment 328

Table 10MW photovoltaic Power Plant Investment ROI Analysis: Country account for 30% of Investment 329

Table 10MW photovoltaic Power Plant Investment ROI Analysis: under the "Golden Sun" Policy 329

Table 10MW PV Power Plant Project Financial Summary 330