

Solar Photovoltaic Installations - A Global Market Overview

<https://marketpublishers.com/r/SE05D7F4E4EEN.html>

Date: March 2014

Pages: 684

Price: US\$ 3,600.00 (Single User License)

ID: SE05D7F4E4EEN

Abstracts

Global cumulative operating capacity of solar Photovoltaic (PV) installations crossed over 135 GW in 2013, driven primarily by Europe and significant late-year additions in Asia-Pacific. Declining prices has led to solar PV's expansion in new markets, ranging from Africa and the Middle East region to Asia and Latin America. The year also witnessed growing interest in community-owned and self-generated PV systems, with the number and scale of large PV projected also going up. High levels of competition and declining prices and margins left PV cell and module manufacturers in a precarious position, leading to greater industry consolidation and shutting shop for a number of manufacturers in China, Europe and the United States.

In the wake of a slowdown in traditional European markets, declining PV prices has facilitated competition in newer markets across the world, with Namibia and South Africa being two such regions where large-scale solar parks were brought online in 2012. Seizing the opportunity, Chinese companies initiated construction of projects in at least 20 African countries with the goal of bolstering demand for exports from the country.

The prominent solar PV technologies market explored in this report comprise Crystalline Silicon (c-Si) and Thin Films. These PV technologies further classified as Crystalline Silicon (c-Si) – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si); and Thin Films – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS). The global market for Photovoltaics is analyzed in this study in terms of megawatts for annual and cumulative installations.

In terms of annual installations, Europe was the clear leader, with 16.7 GW being installed in 2012 that accounted for 51.6% of the global market, though this was a

substantial decline of 24.9% over 2011's 22.2 GW installed and 73.7% share, making it a first for the region since 2000. The principal causes of this decline were attributed to reduction in incentives, including FiT payments and wide-ranging ambiguity in policies, with Italy being the most adversely impacted in declining by 63.6% in 2012 over 2011. The global market for annual Solar Photovoltaic installations, estimated at 32.2 gigawatts (GW) in 2013 and forecast to be 41.1 GW in 2014, is further projected to reach 145.8 GW by 2020, thereby maintaining a CAGR of 24% between 2010 and 2020.

The report reviews, analyses and projects the PV installations market for global and the regional markets including North America, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 26 independent countries across North America – The United States, Canada and Mexico; Europe – Austria, Belgium, Bulgaria, Czech Republic, France, Germany, Greece, Italy, the Netherlands, Portugal, Spain, Switzerland and the United Kingdom; Asia-Pacific – Australia, China, India, Japan, South Korea, Taiwan and Thailand; and Rest of World – Brazil, Israel and South Africa.

This 684 page global market report includes 424 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. This report profiles 30 key global players and 45 major players across North America – 6; Europe – 7; and Asia-Pacific – 32. The research also provides the listing of the companies engaged in manufacturing and supply of solar photovoltaics. The global list of companies covers addresses, contact numbers and the website addresses of 173 companies.

Contents

PART A: GLOBAL MARKET PERSPECTIVE

1. INTRODUCTION

Global PV Installations Snapshot

Renewable Energy – A Current Market Scenario

1.1 Product Outline

1.1.1 Status of the Fundamental Photovoltaic Process and Technologies

1.1.2 Categories and Performance of PV Technologies

1.1.2.1 Wafer-Based Crystalline Silicon (c-Si) Technology

1.1.2.2 Thin Film (TF) Technologies

1.1.2.2.1 Cadmium Telluride (CdTe) Films

1.1.2.2.2 Amorphous Silicon (a-Si) Films

1.1.2.2.3 Copper Indium Gallium Selenide or Copper-indium-[gallium]-[di]selenide-[di]sulphide films (CIGS or CI[G]S)

1.1.2.2.4 Multi-Junction Silicon (a-Si/ μ -Si) Films

1.1.2.3 Emerging and Innovative PV Technologies

1.1.2.3.1 Concentrating Photovoltaics (CPV)

1.1.2.3.2 Organic Solar Cells

1.1.2.3.3 Advanced Inorganic Thin Films

1.1.2.3.4 Miscellaneous Innovative PV Technologies

1.1.2.4 Balance of System (BoS)

1.1.3 Existing Costs of PV and Prognosis for the Future

1.1.3.1 Cost of PV Modules

1.1.3.2 Breakdown of Costs for PV Systems

1.1.3.3 Potential and Impediments for PV Technology

2. KEY MARKET TRENDS

2.1 Global Solar Photovoltaics Industry in 2014 and Beyond: Gazing into the Crystal Ball

2.2 Solar Takes On Wind and Fossil Fuels

2.3 Dynamics of the Polysilicon-Solar Symbiosis Undergo Marked Changes

2.4 Market Trends for Small-Scale Solar Photovoltaics

2.4.1 The Year 2013 for Small-Scale Solar PV

2.4.2 What 2014 Has in Store for Small-Scale PV

2.5 Major Solar Trends for the US Market in 2014

- 2.5.1 Innovation in Financing Residential Solar Projects
- 2.5.2 Residential Solar Sector: Slow and Steady Wins the Race
- 2.5.3 Storage-Backed Solar Gaining Ground
- 2.5.4 Prospects for Utilities in Solar

3. KEY GLOBAL PLAYERS

4. KEY BUSINESS TRENDS

Recurrent Energy Completes its Six-Project Portfolio

TAQNIA Takes Over Half of SUN & LIFE Assets

51% SHARES IN HUBEI HONGYUAN BOUGHT BY TRINA SOLAR

Hareon Solar Developed Eight Solar Power Plants in China

Kyocera to Install its modules in One of the Largest Building-based PV Projects in the Netherlands

Isolation of JinkoSolar's Solar PV Project Business

Largest UK Solar Park of ib vogt Installed with Hanwha SolarOne's PV Modules

Hanwha SolarOne Establishes Alliance with OneRoof Energy

SolarReserve Established Novel Office in Dubai

Strategic Alliance between Sharp and SSP to Develop 52 MW DC Large-Scale Solar Power Plant

ReneSola and Isolux Corsan form Virtus PV Modules Supply Pacts

Canadian Solar Brand Becomes the Largest Foreign PV Module Brand in the Japanese Market

Supply of Canadian Solar PV Modules to the Largest Airport Solar Project in India

Tainergy Tech Broadens Annual Solar Cells and PV Modules Production Capacity

Application of DuPont's Solamet Metallisation Pastes Enhanced REC Solar's Multicrystalline Solar Cell Efficiencies

Hanwha Q CELLS Starts Operation of its Newly Added Solar Cell Line by Early Fall 2014

Hainan's Largest Solar Project Developer Completes the Development of more than 100 MW of Solar Projects

Novel Supply Deal to Broaden the Vital Presence of Yingli Green Energy in Malaysia

Plans to Construct the first Solar-Thermal Plant for Direct Electricity Production in South America

JA Solar, Powerway PARTnered to Develop Solar Module Production Unit

ReneSola and Isolux Corsan Form Virtus PV Modules Supply Pact

Global Largest Solar Carport Developed by Hareon Solar

Launch of Calyxo's Novel Fully Automated Production Line for CdTe Thin Film Solar

Modules

JinkoSolar to Construct a 200 MW Ground-Mounted PV Power Plant

Yingli Solar Announces the Acquisition of 233 MW of Algerian Solar PV Projects

Development of 1 GW Ground-Mounted Solar Power Plant Project in Xinjiang

Trina Solar and BSE form PV Modules Supply Pact

First Large-Scale Solar Power Project in Jordan Installed with Trina Honey PV Modules

SunPower Corporation's Solar Panels Installed at Ecomax's Mega Solar Power Plants

Installation of 63 kW Rooftop System at Temple University

Abengoa Won US\$ 2 million R&D Competitive Award from the US DePARTment of Energy

ReneSola, Solar Power Systems PARTner to Offer PV Modules to Vidrio Formas

Inauguration of Freshkills Park Project by SunEdison and America's Largest City

Google and KKR to Acquire Recurrent Energy's Six Solar PV Project Portfolio

Hanwha SolarOne Signs its Largest Supply Deal to Canada

Installation of Hanwha SolarOne's HSL PV Modules in Portuguese Solar Parks

Hanwha Q CELLS Inks PV Modules Supply Deal with Solarcentury

SolarWorld AG Signs an Asset Deal with Robert Bosch GmbH

ReneSola Collaborates with Pickett Solar to Supply its High Quality Solar Panels

Solar Side Up Supplied with ReneSola's Polycrystalline PV Modules

Canadian Solar Supplies PV Modules for Solar Power Projects in China and Turkey

Kyocera Launches Japan's Largest Utility-Scale Power Plant

Modules from Calyxo Supplied to Develop Croatia's Largest Photovoltaic Thin-Film Plant

Opening of Kyocera's first 1.6 MW Solar Energy Project in the US

Enel Acquired 26 Greek Licenses to Construct Novel Solar PV Parks in the Nation

First South Korean Solar Company to Achieve Shipment of Four GW of PV Modules

Launch of Suntech's Novel PV Modules at SPI Exhibition in Chicago

Successful Completion of First Solar's First Utility-Scale Solar Project in the Middle East

Abengoa to Build Xina Solar One, PART of Largest Solar Complex in Africa

ACCIONA's Krobia I Wind Farm Starts Operation

Kyocera to Provide 1000-Volt Solar PV Modules

Kyocera PARTners with IronRidge

Central Waters Installed with Kyocera's Solar Modules

Launch of Centrotherm's Novel Products and Processes at EU PVSEC

First Time Inclusion of PV Power in the Renewable Energy Auction in Brazil

JinkoSolar Inks Supply Contract with ACCIONA

Switzerland's Largest Rooftop Solar Project Installed with Hareon Solar's PV Modules

First Solar Takes over Element Power's US and Mexico Development Assets

Successful Completion of Khi Solar One Tower Construction

JinkoSolar Delivers 2.2 MW of High-Efficiency Solar PV Modules to HMC Farms
Acquisition of Recurrent Energy's Sunset Reservoir Solar Power Project by Duke Energy Renewables
PARTNERSHIP OF KYOCERA WITH CENTURY TOKYO EMPOWERED A 2.4 MW SOLAR PV PLANT IN JAPAN
Solsonica PV modules Certified by the CLASS 1 FIRE REACTION
Establishment of the Special Committee on Thin-film PV under CNECC
Prokon AS' Rooftop System Installed with Hanwha Q CELLS PV Modules
Panasonic Eco Solutions Canada Plans to Construct Two Solar PV Systems
Novel Generation of LDK Solar Mono- and Multi-Crystalline Modules
DEC MAGI Solar Launches Bifacial Cells & Modules at SNEC PV Exhibition in 2013
Launch of Hanwha Q CELLS' Q.PEAK-G3 and G3-Q.PRO Modules at the Intersolar 2013
Introduction of Gintech's High Efficiency Diamond Series Solar Cells
VOLTALIA form Wind Turbines Supply Pact with ACCIONA Windpower
SunEdison to Develop One of the Largest Solar PV Power Plants in Brazil
First Solar Acquires Solar Power Projects and Solar PV Technology in California
Supply of Kyocera Solar Modules to Support Eight Auto Businesses in Hawai'i
Development of Triple-Junction Compound Solar Cell by Sharp
Successful Completion of Hanergy's Third Ground-Mounted PV Power Station
Supply of JA Solar's Solar PV Modules for Solar Power Projects in Israel and North Africa
Introduction of Novel Hanwha Q CELLS' PV Modules at Ecobuild Trade Fair in London
Development of a Novel 5 MW Kalaeloa Solar Farm by SunPower
Commercial Operations at NRG Energy's First Utility-Scale Solar Plant Commenced
Acquisition of Solar Projects in California by Borrego Solar
Launch of Trina Solar's 60-cell PDG5 Dual Rated Frameless PV Module
Strategic Alliance between ReneSola and BIG SOLAR for over 100 MW of PV Installations
Inauguration of NRG Energy's Alpine Solar Generating Station
Suniva Completes its First Full PV System Installation in Mexico
Hanergy Becomes One of the Global Largest Clean-Energy Companies
Supply of SunPower's solar panels to Wells Fargo & Co.
LDK Anhui Assets Bought by Qianjiang Group
Acquisition of Element Power Solar's 50 MWAC Macho Springs Solar Project
NRG Launches its Sixth Operational Large-Scale Solar Station
Suntech Supplies its Solar Panels to SunSystem
First Phase of Extremadura Solar Complex Opened by Abengoa and ITOCHU
50MWP SOLAR PV POWER PLANT DEVELOPED BY ASTRONERGY

Introduction of JA Solar's Novel 6-inch Full-Square Monocrystalline Module Series
Supply of 200 MW of Yingli Solar PV Modules for Centinela Project
Solar Green Technology of Italy Built Century PV Project
Kyocera Introduces a Polycrystalline Silicon Photovoltaic Module
Plans to Supply Suntech's Polycrystalline Solar Panels to EDP Renováveis
Third Largest Solar Manufacturer in the World - Hanwha Q.CELLS
Sunways' Semitransparent Design Solar Cells to Build USA's Largest Transparent PV Roof
Installation of One Millionth Solar PV Module at Topaz Solar Farms
Solibro Acquired by Hanergy
SunPower's Solar Panels Backed Up by a 25-Year Solar Power/Product Warranty
3.2 kW Solar PV System Installed at Solar Energy Center of the Indian Ministry of New and Renewable Energy
JA Solar Supplies 47 MW of Solar Modules to ASG
ReneSola PARTners with True Value Solar on Sales of 8 MW Solar Modules
Introduction of Trina Solar's Trinasmart Solution
Redstone Energy's PV Demonstration Center Installed with Suniva's Modules
Aide Solar's Modules Cleared TUV Rheinland's Salt Mist Corrosion Test
First Solar Supplies Solar Modules to enXco
LDK Solar Develops Three Solar PV Projects in the Gansu Province of China
16.2% Cell Efficiency Attained by Calyxo's CdTe Technology
Development of Concentrator Triple-Junction Compound Solar Cell by Sharp
Utilization of Solar Panels by US Armed Forces
Sunways, SEA PARTner to Supply Sunways Solar Inverters in Australia
LDK Solar Completes the Acquisition of Sunways AG
Opening of Novel Business Unit of Panasonic Corporation of North America
ESSE Started Novel Operations at Five Solar Power Plants in Italy
Installation of Dresden's Largest PV Rooftop Plant
Introduction of Gintech's Newest Hybrid Quasi-Mono Series Solar Cell
Kyocera Introduced its 80-cell KD 315 Solar Module for US Customers
Commercial Launch of Trina Solar's Three-Pronged Solar Service Solution
Moser Baer's PV Business Produces High Efficiency MIST Cells

5. GLOBAL MARKET OVERVIEW

5.1 Global PV Installations Market Overview by Technology

5.1.1 Global Annual Crystalline Silicon (c-Si) PV Installations by Sub-Type

5.1.2 Global Annual Thin Film PV Installations by Sub-Type

5.1.3 Global Cumulative Crystalline Silicon (c-Si) PV Installations by Sub-Type

- 5.1.4 Global Cumulative Thin Film PV Installations by Sub-Type
- 5.1.5 Global PV Installation Technologies Market by Region
 - 5.1.5.1 Crystalline Silicon (c-Si)
 - 5.1.5.1.1 Global Annual Crystalline Silicon (c-Si) Sub-Type PV Installations Market by Region
 - 5.1.5.1.1.1 Monocrystalline Silicon (Mono-c-Si)
 - 5.1.5.1.1.2 Multicrystalline Silicon (Multi-c-Si)
 - 5.1.5.2 Thin Films
 - 5.1.5.2.1 Global Annual Thin Films Sub-Type PV Installation by Region
 - 5.1.5.2.1.1 Cadmium Telluride (CdTe)
 - 5.1.5.2.1.2 Amorphous Silicon (a-Si)
 - 5.1.5.2.1.3 Copper Indium Gallium Selenide (CIGS)
 - 5.1.5.3 Crystalline Silicon (c-Si)
 - 5.1.5.3.1 Global Cumulative Crystalline Silicon (c-Si) Sub-Type PV Installations Market by Region
 - 5.1.5.3.1.1 Monocrystalline Silicon (Mono-c-Si)
 - 5.1.5.3.1.2 Multicrystalline Silicon (Multi-c-Si)
 - 5.1.5.4 Thin Films
 - 5.1.5.4.1 Global Cumulative Thin Films Sub-Type PV Installation by Region
 - 5.1.5.4.1.1 Cadmium Telluride (CdTe) Thin Film Technology
 - 5.1.5.4.1.2 Amorphous Silicon (a-Si) Thin Film Technology
 - 5.1.5.4.1.3 Copper Indium Gallium Selenide (CIGS) Thin Film Technology
- 5.2 Global PV Installations Market Overview by End-Use Sector
 - 5.2.1 Global Annual Solar Power End-Use Sector PV Installations Market by Region
 - 5.2.1.1 Residential
 - 5.2.1.2 Non-Residential
 - 5.2.1.3 Utility
 - 5.2.3 Global Cumulative Solar Power End-Use Sector PV Installations Market by Region
 - 5.2.3.1 Residential
 - 5.2.3.2 Non-Residential
 - 5.2.3.3 Utility

PART B: REGIONAL MARKET PERSPECTIVE REGIONAL MARKET OVERVIEW

1. NORTH AMERICA

- 1.1 North American PV Installations Market Overview by Geographic Region
- 1.2 North American PV Installations Market Overview by Technology

- 1.2.1 North American Annual Crystalline Silicon (c-Si) PV Installations by Sub-Type
- 1.2.2 North American Annual Thin Film PV Installations by Sub-Type
- 1.2.3 North American Cumulative Crystalline Silicon (c-Si) PV Installations by Sub-Type
- 1.2.4 North American Annual Thin Film PV Installations by Sub-Type
- 1.3 North American PV Installations Market Overview by End-Use Sector
- 1.4 Major Market Players
 - Canadian Solar Inc (Canada)
 - First Solar Inc (United States)
 - Kyocera Solar, Inc. (United States)
 - Sunedison, Inc. (United States)
 - Suniva Inc. (United States)
 - Sunpower Corporation (United States)
- 1.5 North American Solar Photovoltaic Installations Market Overview by Country
 - 1.5.1 The United States
 - 1.5.1.1 Solar Photovoltaics in the United States: Offering Tremendous Scope for Growth
 - 1.5.1.1.1 Availability and Potential
 - 1.5.1.1.2 Past and Future Growth Prospects
 - 1.5.1.1.3 Federal Incentives
 - 1.5.1.1.4 SunShot Initiative
 - 1.5.1.1.5 Third-PARTy Solar Financing
 - 1.5.1.1.6 Solar PV Projects in the United States
 - 1.5.1.2 United States Market Overview
 - 1.5.1.2.1 United States PV Installations Market Overview by Technology
 - 1.5.1.2.2 United States PV Installations Market Overview by End-Use Sector
 - 1.5.1.3 Leading States in Terms of Annual and Cumulative Solar Photovoltaic Installations
 - 1.5.2 Canada
 - 1.5.2.1 Ontario Leads the Canadian Solar PV Industry
 - 1.5.2.2 Canadian Market Overview
 - 1.5.2.2.1 Canadian PV Installations Market Overview by Technology
 - 1.5.2.2.2 Canadian PV Installations Market Overview by End-Use Sector
 - 1.5.3 Mexico
 - 1.5.3.1 Mexican Market Overview
 - 1.5.3.1.1 Mexican PV Installations Market Overview by Technology
 - 1.5.3.1.2 Mexican PV Installations Market Overview by End-Use Sector

2. EUROPE

- 2.1 European PV Installations Market Overview by Geographic Region
- 2.2 European PV Installations Market Overview by Technology
 - 2.2.1 European Annual Crystalline Silicon (c-Si) PV Installations by Sub-Type
 - 2.2.2 European Annual Thin Film PV Installations by Sub-Type
 - 2.2.3 European Cumulative Crystalline Silicon (c-Si) PV Installations by Sub-Type
 - 2.2.4 European Annual Thin Film PV Installations by Sub-Type
- 2.3 European PV Installations Market Overview by End-Use Sector
- 2.4 Major Market Players
 - Abengoa Solar SA (Spain)
 - Acciona Energia SA (Spain)
 - Calyxo GmbH (Germany)
 - Hanwha Q Cells GmbH (Germany)
 - Solarworld AG (Germany)
 - Solsonica SpA (Italy)
 - Sunways AG (Germany)
- 2.5 European Solar Photovoltaic Installations Market Overview by Country
 - 2.5.1 Austria
 - 2.5.1.1 Austrian Market Overview
 - 2.5.1.1.1 Austrian PV Installations Market Overview by Technology
 - 2.5.1.1.2 Austrian PV Installations Market Overview by End-Use Sector
 - 2.5.2 Belgium
 - 2.5.2.1 Belgian Market Overview
 - 2.5.2.1.1 Belgian PV Installations Market Overview by Technology
 - 2.5.2.1.2 Belgian PV Installations Market Overview by End-Use Sector
 - 2.5.3 Bulgaria
 - 2.5.3.1 Solar PV Market in Bulgaria: Unprecedented Growth
 - 2.5.3.2 Bulgarian Market Overview
 - 2.5.3.2.1 Bulgarian PV Installations Market Overview by Technology
 - 2.5.3.2.2 Bulgarian PV Installations Market Overview by End-Use Sector
 - 2.5.4 Czech Republic
 - 2.5.4.1 Czech Market Overview
 - 2.5.4.1.1 Czech PV Installations Market Overview by Technology
 - 2.5.4.1.2 Czech PV Installations Market Overview by End-Use Sector
 - 2.5.5 France
 - 2.5.5.1 French Market Overview
 - 2.5.5.1.1 French PV Installations Market Overview by Technology
 - 2.5.5.1.2 French PV Installations Market Overview by End-Use Sector
 - 2.5.5.2 Major Regions for Cumulative Solar Photovoltaic Installations in France for

2011

2.5.6 Germany

2.5.6.1 The German Solar PV Industry

2.5.6.2 Photovoltaic Power Stations in Germany

2.5.6.3 German Market Overview

2.5.6.3.1 German PV Installations Market Overview by Technology

2.5.6.3.2 German PV Installations Market Overview by End-Use Sector

2.5.6.4 Leading German States in Terms of Cumulative Solar Photovoltaic Installations for 2011

2.5.7 Greece

2.5.7.1 Greek Market Overview

2.5.7.1.1 Greek PV Installations Market Overview by Technology

2.5.7.1.2 Greek PV Installations Market Overview by End-Use Sector

2.5.8 Italy

2.5.8.1 Italian Market Overview

2.5.8.1.1 Largest Solar PV Plants in Italy

2.5.8.1.2 Italian PV Installations Market Overview by Technology

2.5.8.1.3 Italian PV Installations Market Overview by End-Use Sector

2.5.8.2 Leading Regions for Cumulative Solar Photovoltaic Installations in Italy

2.5.9 The Netherlands

2.5.9.1 Dutch Market Overview

2.5.9.1.1 Dutch PV Installations Market Overview by Technology

2.5.9.1.2 Dutch PV Installations Market Overview by End-Use Sector

2.5.10 Portugal

2.5.10.1 Portuguese Market Overview

2.5.10.1.1 Portuguese PV Installations Market Overview by Technology

2.5.10.1.2 Portuguese Annual PV Installations Market Overview by End-Use Sector

2.5.11 Spain

2.5.11.1 The Spanish Solar PV Industry

2.5.11.2 Largest Solar PV Plants in Spain

2.5.11.3 Spanish Market Overview

2.5.11.3.1 Spanish PV Installations Market Overview by Technology

2.5.11.3.2 Spanish PV Installations Market Overview by End-Use Sector

2.5.11.4 Major Spanish Regions in Terms of Cumulative Solar Photovoltaic Installations for 2011

2.5.12 Switzerland

2.5.12.1 Swiss Market Overview

2.5.12.1.1 Swiss PV Installations Market Overview by Technology

2.5.12.1.2 Swiss Annual PV Installations Market Overview by End-Use Sector

2.5.13 The United Kingdom

2.5.13.1 United Kingdom Market Overview

2.5.13.1.1 United Kingdom PV Installations Market Overview by Technology

2.5.13.1.2 United Kingdom Annual PV Installations Market Overview by End-Use

Sector

2.5.13.2 Major UK Regions in Terms of Cumulative Solar Photovoltaic Installations for 2011

2.5.14 Rest of Europe

2.5.14.1 Rest of Europe Market Overview

2.5.14.1.1 Rest of Europe PV Installations Market Overview by Technology

2.5.14.1.2 Rest of Europe PV Installations Market Overview by End-Use Sector

2.5.14.2 Major Solar Photovoltaic Markets in Rest of Europe

2.5.14.2.1 Denmark

2.5.14.2.2 Hungary

2.5.14.2.3 Poland

2.5.14.2.4 Romania

2.5.14.2.5 Serbia

2.5.14.2.6 Slovakia

2.5.14.2.7 Slovenia

2.5.14.2.8 Turkey

2.5.14.2.9 Ukraine

2.5.14.2.10 Other Rest of Europe

3. ASIA-PACIFIC

3.1 Asia-Pacific PV Installations Market Overview by Geographic Region

3.2 Asia-Pacific PV Installations Market Overview by Technology

3.2.1 Asia-Pacific Annual Crystalline Silicon (c-Si) PV Installations by Sub-Type

3.2.2 Asia-Pacific Annual Thin Film PV Installations by Sub-Type

3.2.3 Asia-Pacific Cumulative Crystalline Silicon (c-Si) PV Installations by Sub-Type

3.2.4 Asia-Pacific Annual Thin Film PV Installations by Sub-Type

3.3 Asia-Pacific PV Installations Market Overview by End-Use Sector

3.4 Major Market Players

Aide Solar Energy Technology Co Ltd (China)

Amplusun Solar (China)

Benq Solar (Taiwan)

Bharat Heavy Electricals Limited (Bhel) (India)

Daqo New Energy Corp (China)

Dongfang Electric (Yixing) Magi Solar Power Technology Co Ltd (China)

Evergreen Solar (China) Co Ltd (China)
Gintech Energy Corp (Taiwan)
Hanergy Holdings Group Co Ltd (China)
Hanwha Solarone Co Ltd (China)
Hareon Solar Technology Co Ltd (China)
Hhv Solar Technologies Pvt Ltd (India)
Hyundai Heavy Industries (South Korea)
JA Solar Holdings Co Ltd (China)
Kyocera Corporation (Japan)
LDK Solar Co Ltd (China)
Mitsubishi Electric Corporation (Japan)
Moser Baer India Ltd (India)
Motech Industries Inc (Taiwan)
Panasonic Corporation (Japan)
Renesola Ltd (China)
Shanghai Topsolar Green Energy Co Ltd (China)
Sharp Corporation (Japan)
Solartech Energy Corp (Taiwan)
Suntech Power Holdings Co Ltd (China)
Suntech Power Japan Corp (Japan)
Taiwan Solar Energy Corporation (Taiwan)
Tata Power Solar Systems Limited (India)
Tianwei New Energy Holdings Co Ltd (China)
Trina Solar Ltd (China)
Websol Energy Systems Ltd (India)
Yingli Green Energy Holding Co Ltd (China)

3.5 Asia-Pacific Solar Photovoltaic Installations Market Overview by Country

3.5.1 Australia

3.5.1.1 Australia's Solar Photovoltaic Industry on an Upward Spiral

3.5.1.1.1 Prospects Offered

3.5.1.1.2 Government Incentives

3.5.1.1.3 Australian Photovoltaic Projects and Status

3.5.1.2 Australian Market Overview

3.5.1.2.1 Australian Installations Market Overview by Technology

3.5.1.2.2 Australian Annual PV Installations Market Overview by End-Use Sector

3.5.2 China

3.5.2.1 The Chinese Solar Photovoltaics Industry: A Domestic Behemoth

3.5.2.2 Chinese Market Overview

3.5.2.2.1 Chinese Installations Market Overview by Technology

- 3.5.2.2.2 Chinese PV Installations Market Overview by End-Use Sector
- 3.5.3 India
 - 3.5.3.1 Sun Shines Brightly on the Indian Solar Photovoltaics Industry
 - 3.5.3.1.1 Existing Status
 - 3.5.3.1.2 Solar Photovoltaic Power Plants in India
 - 3.5.3.1.3 Leading Indian States for Solar Photovoltaics
 - Gujarat
 - Rajasthan
 - 3.5.3.1.4 Major Applications of Solar Energy in India
 - Rural Electrification
 - Agriculture
 - Support from the Government
 - 3.5.3.2 Indian Market Overview
 - 3.5.3.2.1 Indian PV Installations Market Overview by Technology
 - 3.5.3.2.2 Indian PV Installations Market Overview by End-Use Sector
- 3.5.4 Japan
 - 3.5.4.1 Scenario of the Japanese Solar Photovoltaics Market
 - 3.5.4.1.1 Solar Photovoltaic Projects in Japan
 - 3.5.4.2 Japanese Market Overview
 - 3.5.4.2.1 Japanese PV Installations Market Overview by Technology
 - 3.5.4.2.2 Japanese PV Installations Market Overview by End-Use Sector
- 3.5.5 South Korea
 - 3.5.5.1 Solar Photovoltaics in South Korea
 - Sinan Solar Power Plant: The Pride of South Korea
 - 3.5.5.2 South Korean Market Overview
 - 3.5.5.2.1 South Korean PV Installations Market Overview by Technology
 - 3.5.5.2.2 South Korean PV Installations Market Overview by End-Use Sector
- 3.5.6 Taiwan
 - 3.5.6.1 Taiwanese Market Overview
 - 3.5.6.1.1 Taiwanese PV Installations Market Overview by Technology
 - 3.5.6.1.2 Taiwanese PV Installations Market Overview by End-Use Sector
- 3.5.7 Thailand
 - 3.5.7.1 The Thai Solar Photovoltaics Industry
 - 3.5.7.2 Thai Market Overview
 - 3.5.7.2.1 Thai PV Installations Market Overview by Technology
 - 3.5.7.2.2 Thai PV Installations Market Overview by End-Use Sector
- 3.5.8 Rest of Asia-Pacific
 - 3.5.8.1 Emerging Solar Photovoltaic Markets in Rest of Asia-Pacific
 - 3.5.8.1.1 Bangladesh

- 3.5.8.1.2 Indonesia
- 3.5.8.1.3 Kazakhstan
- 3.5.8.1.4 Malaysia
 - Solar Photovoltaics Market in Malaysia
- 3.5.8.1.5 The Philippines
- 3.5.8.1.6 Vietnam
- 3.5.8.2 Rest of Asia-Pacific Market Overview
 - 3.5.8.2.1 Rest of Asia-Pacific PV Installations Market Overview by Technology
 - 3.5.8.2.2 Rest of Asia-Pacific PV Installations Market Overview by End-Use Sector

4. REST OF WORLD

- 4.1 Rest of World Market Overview
 - 4.1.1 Rest of World PV Installations Market Overview by Geographic Region
 - 4.1.2 Rest of World PV Installations Market Overview by Technology
 - 4.1.2.1 Rest of World Annual Crystalline Silicon (c-Si) PV Installations by Sub-Type
 - 4.1.2.2 Rest of World Annual Thin Film PV Installations by Sub-Type
 - 4.1.2.3 Rest of World Cumulative Crystalline Silicon (c-Si) PV Installations by Sub-Type
 - 4.1.2.4 Rest of World Annual Thin Film PV Installations by Sub-Type
- 4.2 Rest of World Annual PV Installations Market Overview by End-Use Sector
- 4.3 Rest of World Solar Photovoltaic Installations Market Overview by Country
 - 4.3.1 Brazil
 - 4.3.1.1 Brazilian Market Overview
 - 4.3.1.1.1 Brazilian PV Installations Market Overview by Technology
 - 4.3.1.1.2 Brazilian PV Installations Market Overview by End-Use Sector
 - 4.3.2 Israel
 - 4.3.2.1 Israel Market Overview
 - 4.3.2.1.1 Israel PV Installations Market Overview by Technology
 - 4.3.2.1.2 Israel PV Installations Market Overview by End-Use Sector
 - 4.3.3 South Africa
 - 4.3.3.1 South African Market Overview
 - 4.3.3.1.1 South African PV Installations Market Overview by Technology
 - 4.3.3.1.2 South African PV Installations Market Overview by End-Use Sector
 - 4.3.4 Other Rest of World
 - 4.3.4.1 Emerging Solar Photovoltaic Markets in Rest of Asia-Pacific
 - 4.3.4.1.1 Africa
 - 4.3.4.1.2 Algeria
 - 4.3.4.1.3 Ghana

- 4.3.4.1.4 Kenya
- 4.3.4.1.5 Kingdom of Morocco
- 4.3.4.1.6 Latin America
- 4.3.4.1.7 Argentina
- 4.3.4.1.8 Chile
- 4.3.4.1.9 Dominican Republic
- 4.3.4.1.10 Peru
- 4.3.4.2 Other Rest of World Region Market Overview
 - 4.3.4.2.1 Other Rest of World PV Installations Market Overview by Technology
 - 4.3.4.2.2 Other Rest of World PV Installations Market Overview by End-Use Sector

PART C: GUIDE TO THE INDUSTRY

1. NORTH AMERICA

2. EUROPE

3. ASIA-PACIFIC

4. REST OF WORLD

PART D: ANNEXURE

1. RESEARCH METHODOLOGY

2. FEEDBACK

Tables

TABLES

Table 1: Performance of Commercially Available PV Technologies

Table 2: Performance and Targets for PV Technology

Table 3: Performance and Targets for TF Technologies

Table 4: Global Demand for Polysilicon (2001-2014) by Sector – Semiconductors and Solar Photovoltaics in Percentage (%)

Table 5: Global Demand for Small-Scale and Large Scale PV (2010 – 2014) in Percentage (%)

Table 6: Global Market for Annual Small-Scale Solar PV Installations (2010-2014) by Region – Europe and Rest of World in Percentage (%) Contributions

Table 7: Major Solar PV Projects in the United States and Phases

Table 8: Largest photovoltaic power stations in Germany (>20 MW)

Table 9: Some of the Major Solar PV Plants in Italy

Table 10: Some of the Largest Solar PV Plants in Spain

Table 11: Australian Solar Photovoltaic Projects by State – NSW, VIC, QLD, SA, WA, and NT

Table 12: Indian Major Solar Photovoltaic Power Plants

CHARTS & GRAPHS

GLOBAL MARKET PERSPECTIVE

Chart 1: Global Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 2: Global Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 3: Glance at 2010, 2015 and 2020 Global Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 4: Global Annual Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si) in Megawatts

Chart 5: Glance at 2010, 2015 and 2020 Global Annual Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 6: Global Annual Solar Thin Film Installations Market (2010-2020) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium

Selenide (CIGS) in Megawatts

Chart 7: Glance at 2010, 2015 and 2020 Global Annual Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 8: Global Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 9: Glance at 2010, 2015 and 2020 Global Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 10: Global Cumulative Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si) in Megawatts

Chart 11: Glance at 2010, 2015 and 2020 Global Cumulative Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 12: Global Cumulative Solar Thin Film Installations Market (2010-2020) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS) in Megawatts

Chart 13: Glance at 2010, 2015 and 2020 Global Cumulative Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 14: Global Annual Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 15: Glance at 2010, 2015 and 2020 Global Annual Crystalline Silicon (c-Si) PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 16: Global Annual Monocrystalline Silicon (Mono-c-Si) PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 17: Glance at 2010, 2015 and 2020 Global Annual Monocrystalline Silicon (Mono-c-Si) PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 18: Global Annual Multicrystalline Silicon (Multi-c-Si) PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 19: Glance at 2010, 2015 and 2020 Global Annual Multicrystalline Silicon (Multi-c-Si) PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 20: Global Annual Thin Film PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 21: Glance at 2010, 2015 and 2020 Global Annual Thin Film PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 22: Global Annual Cadmium Telluride (CdTe) Thin Film PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 23: Glance at 2010, 2015 and 2020 Global Annual Cadmium Telluride (CdTe) Thin Film PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 24: Global Annual Amorphous Silicon (a-Si) Thin Film PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 25: Glance at 2010, 2015 and 2020 Global Annual Amorphous Silicon (a-Si) Thin Film PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 26: Global Annual Copper Indium Gallium Selenide (CIGS) Thin Film PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 27: Glance at 2010, 2015 and 2020 Global Annual Copper Indium Gallium Selenide (CIGS) Thin Film PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 28: Global Cumulative Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 29: Glance at 2010, 2015 and 2020 Global Cumulative Crystalline Silicon (c-Si) PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 30: Global Cumulative Monocrystalline Silicon (Mono-c-Si) PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 31: Glance at 2010, 2015 and 2020 Global Cumulative Monocrystalline Silicon (Mono-c-Si) PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 32: Global Cumulative Multicrystalline Silicon (Multi-c-Si) PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 33: Glance at 2010, 2015 and 2020 Global Cumulative Multicrystalline Silicon (Multi-c-Si) PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 34: Global Cumulative Thin Film PV Installations Market (2010-2020) by Region –

North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 35: Glance at 2010, 2015 and 2020 Global Cumulative Thin Film PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 36: Global Cumulative Cadmium Telluride (CdTe) Thin Film PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 37: Glance at 2010, 2015 and 2020 Global Cumulative Cadmium Telluride (CdTe) Thin Film PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 38: Global Cumulative Amorphous Silicon (a-Si) Thin Film PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 39: Glance at 2010, 2015 and 2020 Global Cumulative Amorphous Silicon (a-Si) Thin Film PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 40: Global Cumulative Copper Indium Gallium Selenide (CIGS) Thin Film PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 41: Glance at 2010, 2015 and 2020 Global Cumulative Copper Indium Gallium Selenide (CIGS) Thin Film PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 42: Global Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 43: Glance at 2010, 2015 and 2020 Global Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 44: Global Annual Residential Solar Power PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 45: Glance at 2010, 2015 and 2020 Global Annual Solar Photovoltaic Installations Market Share (%) by Residential End-Use Sector for North America, Europe, Asia-Pacific and Rest of World

Chart 46: Global Annual Non-Residential Solar Power PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 47: Glance at 2010, 2015 and 2020 Global Annual Solar Photovoltaic Installations Market Share (%) by Non-Residential End-Use Sector for North America, Europe, Asia-Pacific and Rest of World

Chart 48: Global Annual Utility Solar Power PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 49: Glance at 2010, 2015 and 2020 Global Annual Utility Solar Power PV

Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 50: Global Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 51: Glance at 2010, 2015 and 2020 Global Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 52: Global Cumulative Residential Solar Power PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 53: Glance at 2010, 2015 and 2020 Global Cumulative Solar Photovoltaic Installations Market Share (%) by Residential End-Use Sector for North America, Europe, Asia-Pacific and Rest of World

Chart 54: Global Cumulative Non-Residential Solar Power PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 55: Glance at 2010, 2015 and 2020 Global Cumulative Solar Photovoltaic Installations Market Share (%) by Non-Residential End-Use Sector for North America, Europe, Asia-Pacific and Rest of World

Chart 56: Global Cumulative Utility Solar Power PV Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 57: Glance at 2010, 2015 and 2020 Global Cumulative Utility Solar Power PV Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

REGIONAL MARKET PERSPECTIVE

Chart 58: Global Annual Solar Photovoltaic Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 59: Glance at 2010, 2015 and 2020 Global Annual Solar Photovoltaic Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

Chart 60: Global Cumulative Solar Photovoltaic Installations Market (2010-2020) by Region – North America, Europe, Asia-Pacific and Rest of World in Megawatts

Chart 61: Glance at 2010, 2015 and 2020 Global Cumulative Solar Photovoltaic Installations Market Share (%) by Region – North America, Europe, Asia-Pacific and Rest of World

NORTH AMERICA

Chart 62: North American Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 63: North American Annual Solar Photovoltaic Installations Market (2010-2020) by Region – United States, Canada and Mexico in Megawatts

Chart 64: Glance at 2010, 2015 and 2020 North American Annual Solar Photovoltaic Installations Market Share (%) by Region – United States, Canada and Mexico

Chart 65: North American Cumulative Solar Photovoltaic Installations Market (2010-2020) by Region – United States, Canada and Mexico in Megawatts

Chart 66: Glance at 2010, 2015 and 2020 North American Cumulative Solar Photovoltaic Installations Market Share (%) by Region – United States, Canada and Mexico

Chart 67: North American Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 68: Glance at 2010, 2015 and 2020 North American Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 69: North American Annual Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si) in Megawatts

Chart 70: Glance at 2010, 2015 and 2020 North American Annual Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 71: North American Annual Solar Thin Film Installations Market (2010-2020) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS) in Megawatts

Chart 72: Glance at 2010, 2015 and 2020 North American Annual Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 73: North American Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 74: Glance at 2010, 2015 and 2020 North American Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 75: North American Cumulative Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si) in Megawatts

Chart 76: Glance at 2010, 2015 and 2020 North American Cumulative Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 77: North American Cumulative Solar Thin Film Installations Market (2010-2020)

by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS) in Megawatts

Chart 78: Glance at 2010, 2015 and 2020 North American Cumulative Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 79: North American Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 80: Glance at 2010, 2015 and 2020 North American Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 81: North American Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 82: Glance at 2010, 2015 and 2020 North American Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

THE UNITED STATES

Chart 83: United States Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 84: United States Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 85: Glance at 2010, 2015 and 2020 United States Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 86: United States Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 87: Glance at 2010, 2015 and 2020 United States Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 88: United States Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 89: Glance at 2010, 2015 and 2020 United States Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 90: United States Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 91: Glance at 2010, 2015 and 2020 United States Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 92: United States Annual Solar Photovoltaic Installations (2012) by Leading State

– California, Arizona, New Jersey, Nevada, Massachusetts, North Carolina, Hawaii, Colorado, Maryland, New York and Other States in s in Megawatts

Chart 93: United States Cumulative Solar Photovoltaic Installations (2012) by Leading State – California, Arizona, New Jersey, Nevada, Colorado, North Carolina, Massachusetts, New Mexico, Hawaii, New York and Other States in Megawatts

CANADA

Chart 94: Canadian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 95: Canadian Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 96: Glance at 2010, 2015 and 2020 Canadian Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 97: Canadian Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 98: Glance at 2010, 2015 and 2020 Canadian Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 99: Canadian Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 100: Glance at 2010, 2015 and 2020 Canadian Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 101: Canadian Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 102: Glance at 2010, 2015 and 2020 Canadian Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

MEXICO

Chart 103: Mexican Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 104: Mexican Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 105: Glance at 2010, 2015 and 2020 Mexican Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 106: Mexican Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 107: Glance at 2010, 2015 and 2020 Mexican Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 108: Mexican Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 109: Glance at 2010, 2015 and 2020 Mexican Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 110: Mexican Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 111: Glance at 2010, 2015 and 2020 Mexican Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

EUROPE

Chart 112: European Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 113: European Annual Solar Photovoltaic Installations Market (2010-2020) by Region – Austria, Belgium, Bulgaria, Czech Republic, France, Germany, Greece, Italy, The Netherlands, Portugal, Spain, Switzerland, United Kingdom and Rest of Europe in Megawatts

Chart 114: Glance at 2010, 2015 and 2020 European Annual Solar Photovoltaic Installations Market Share (%) by Region – Austria, Belgium, Bulgaria, Czech Republic, France, Germany, Greece, Italy, The Netherlands, Portugal, Spain, Switzerland, United Kingdom and Rest of Europe

Chart 115: European Cumulative Solar Photovoltaic Installations Market (2010-2020) by Region – Austria, Belgium, Bulgaria, Czech Republic, France, Germany, Greece, Italy, The Netherlands, Portugal, Spain, Switzerland, United Kingdom and Rest of Europe in Megawatts

Chart 116: Glance at 2010, 2015 and 2020 European Cumulative Solar Photovoltaic Installations Market Share (%) by Region – Austria, Belgium, Bulgaria, Czech Republic, France, Germany, Greece, Italy, The Netherlands, Portugal, Spain, Switzerland, United Kingdom and Rest of Europe

Chart 117: European Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 118: Glance at 2010, 2015 and 2020 European Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 119: European Annual Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline

Silicon (Multi-c-Si) in Megawatts

Chart 120: Glance at 2010, 2015 and 2020 European Annual Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 121: European Annual Solar Thin Film Installations Market (2010-2020) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS) in Megawatts

Chart 122: Glance at 2010, 2015 and 2020 European Annual Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 123: European Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 124: Glance at 2010, 2015 and 2020 European Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 125: European Cumulative Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si) in Megawatts

Chart 126: Glance at 2010, 2015 and 2020 European Cumulative Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 127: European Cumulative Solar Thin Film Installations Market (2010-2020) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS) in Megawatts

Chart 128: Glance at 2010, 2015 and 2020 European Cumulative Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 129: European Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 130: Glance at 2010, 2015 and 2020 European Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 131: European Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 132: Glance at 2010, 2015 and 2020 European Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

AUSTRIA

Chart 133: Austrian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 134: Austrian Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 135: Glance at 2010, 2015 and 2020 Austrian Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 136: Austrian Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 137: Glance at 2010, 2015 and 2020 Austrian Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 138: Austrian Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 139: Glance at 2010, 2015 and 2020 Austrian Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 140: Austrian Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector for Residential, Non-Residential and Utility in Megawatts (MW)

Chart 141: Glance at 2010, 2015 and 2020 Austrian Cumulative Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector for Residential, Non-Residential and Utility

BELGIUM

Chart 142: Belgian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 143: Belgian Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 144: Glance at 2010, 2015 and 2020 Belgian Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 145: Belgian Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 146: Glance at 2010, 2015 and 2020 Belgian Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 147: Belgian Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 148: Glance at 2010, 2015 and 2020 Belgian Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 149: Belgian Cumulative Solar Photovoltaic Installations Market (2010-2020) by

End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 150: Glance at 2010, 2015 and 2020 Belgian Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

BULGARIA

Chart 151: Bulgarian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 152: Bulgarian Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 153: Glance at 2010, 2015 and 2020 Bulgarian Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 154: Bulgarian Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 155: Glance at 2010, 2015 and 2020 Bulgarian Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 156: Bulgarian Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 157: Glance at 2010, 2015 and 2020 Bulgarian Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 158: Bulgarian Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 159: Glance at 2010, 2015 and 2020 Bulgarian Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

CZECH REPUBLIC

Chart 160: Czech Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 161: Czech Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 162: Glance at 2010, 2015 and 2020 Czech Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 163: Czech Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 164: Glance at 2010, 2015 and 2020 Czech Cumulative Solar Photovoltaic

Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films
Chart 165: Czech Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 166: Glance at 2010, 2015 and 2020 Czech Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 167: Czech Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 168: Glance at 2010, 2015 and 2020 Czech Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

FRANCE

Chart 169: French Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 170: French Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 171: Glance at 2010, 2015 and 2020 French Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 172: French Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 173: Glance at 2010, 2015 and 2020 French Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 174: French Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 175: Glance at 2010, 2015 and 2020 French Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 176: French Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 177: Glance at 2010, 2015 and 2020 French Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 178: French Cumulative Solar Photovoltaic Installations (2011) by Region – Midi-Pyrénées, Provence-Alpes-Côte d'Azur, Aquitaine, Languedoc-Roussillon, Pays de la Loire, Rhone-Alpes, Poitou-Charentes, Bretagne, Alsace, Auvergne, Lorraine, Champagne-Ardenne, Centre and Other Regions in Megawatts

GERMANY

Chart 179: German Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 180: German Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 181: Glance at 2010, 2015 and 2020 German Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 182: German Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 183: Glance at 2010, 2015 and 2020 German Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 184: German Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 185: Glance at 2010, 2015 and 2020 German Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 186: German Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 187: Glance at 2010, 2015 and 2020 German Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 188: German Cumulative Solar Photovoltaic Installations (2011) by State – Bavaria, Baden-Württemberg, North Rhine-Westphalia, Lower Saxony, Brandenburg, Hesse, Rhineland-Palatinate, Schleswig-Holstein, Saxony, Saxony-Anhalt and Other States in Megawatts

GREECE

Chart 189: Greek Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 190: Greek Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 191: Glance at 2010, 2015 and 2020 Greek Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 192: Greek Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 193: Glance at 2010, 2015 and 2020 Greek Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 194: Greek Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 195: Glance at 2010, 2015 and 2020 Greek Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 196: Greek Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 197: Glance at 2010, 2015 and 2020 Greek Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

ITALY

Chart 198: Italian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 199: Italian Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 200: Glance at 2010, 2015 and 2020 Italian Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 201: Italian Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 202: Glance at 2010, 2015 and 2020 Italian Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 203: Italian Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 204: Glance at 2010, 2015 and 2020 Italian Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 205: Italian Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 206: Glance at 2010, 2015 and 2020 Italian Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 207: Italian Cumulative Solar Photovoltaic Installations (2011) by Region – Puglia, Lombardia, Emilia Romagna, Veneto, Piemonte, Lazio, Sicilia, Marche, Toscana, Abruzzo, Sardegna and Other Regions in Megawatts

THE NETHERLANDS

Chart 208: Dutch Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 209: Dutch Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 210: Glance at 2010, 2015 and 2020 Dutch Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 211: Dutch Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 212: Glance at 2010, 2015 and 2020 Dutch Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 213: Dutch Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 214: Glance at 2010, 2015 and 2020 Dutch Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 215: Dutch Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 216: Glance at 2010, 2015 and 2020 Dutch Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

PORTUGAL

Chart 217: Portuguese Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 218: Portuguese Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 219: Glance at 2010, 2015 and 2020 Portuguese Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 220: Portuguese Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 221: Glance at 2010, 2015 and 2020 Portuguese Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 222: Portuguese Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 223: Glance at 2010, 2015 and 2020 Portuguese Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 224: Portuguese Cumulative Solar Photovoltaic Installations Market (2010-2020)

by End-Use Sector – Residential, Non-Residential and Utility in Megawatts
Chart 225: Glance at 2010, 2015 and 2020 Portuguese Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

SPAIN

Chart 226: Spanish Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 227: Spanish Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 228: Glance at 2010, 2015 and 2020 Spanish Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 229: Spanish Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 230: Glance at 2010, 2015 and 2020 Spanish Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 231: Spanish Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 232: Glance at 2010, 2015 and 2020 Spanish Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 233: Spanish Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 234: Glance at 2010, 2015 and 2020 Spanish Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 235: Spanish Cumulative Solar Photovoltaic Installations (2011) by Region – Castile-La Mancha, Andalusia, Extremadura, Castile and León, Region of Murcia, Valencian Community, Catalonia, Navarre, Aragon, Canary Islands and Other Regions in Megawatts

SWITZERLAND

Chart 236: Swiss Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 237: Swiss Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 238: Glance at 2010, 2015 and 2020 Swiss Annual Solar Photovoltaic

Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films
Chart 239: Swiss Cumulative Solar Photovoltaic Installations Market (2010-2020) by
Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 240: Glance at 2010, 2015 and 2020 Swiss Cumulative Solar Photovoltaic
Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 241: Swiss Annual Solar Photovoltaic Installations Market (2010-2020) by End-
Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 242: Glance at 2010, 2015 and 2020 Swiss Annual Solar Photovoltaic
Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and
Utility

Chart 243: Swiss Cumulative Solar Photovoltaic Installations Market (2010-2020) by
End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 244: Glance at 2010, 2015 and 2020 Swiss Cumulative Solar Photovoltaic
Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and
Utility

THE UNITED KINGDOM

Chart 245: United Kingdom Solar Photovoltaic Installations Market (Annual and
Cumulative) (2010-2020) in Megawatts

Chart 246: United Kingdom Annual Solar Photovoltaic Installations Market (2010-2020)
by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 247: Glance at 2010, 2015 and 2020 United Kingdom Annual Solar Photovoltaic
Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 248: United Kingdom Cumulative Solar Photovoltaic Installations Market
(2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 249: Glance at 2010, 2015 and 2020 United Kingdom Cumulative Solar
Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si)
and Thin Films

Chart 250: United Kingdom Annual Solar Photovoltaic Installations Market (2010-2020)
by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 251: Glance at 2010, 2015 and 2020 United Kingdom Annual Solar Photovoltaic
Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and
Utility

Chart 252: United Kingdom Cumulative Solar Photovoltaic Installations Market
(2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 253: Glance at 2010, 2015 and 2020 United Kingdom Cumulative Solar
Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-
Residential and Utility

Chart 254: United Kingdom Cumulative Solar Photovoltaic Installations (2011) by Region – South West, South East, East of England, Yorkshire and the Humber, East Midlands, Scotland, West Midlands, North West, Wales and Other Regions in Megawatts

REST OF EUROPE

Chart 255: Rest of Europe Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 256: Rest of Europe Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 257: Glance at 2010, 2015 and 2020 Rest of Europe Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 258: Rest of Europe Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 259: Glance at 2010, 2015 and 2020 Rest of Europe Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 260: Rest of Europe Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 261: Glance at 2010, 2015 and 2020 Rest of Europe Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 262: Rest of Europe Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 263: Glance at 2010, 2015 and 2020 Rest of Europe Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

DENMARK

Chart 264: Danish Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

HUNGARY

Chart 265: Hungarian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

POLAND

Chart 266: Polish Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

ROMANIA

Chart 267: Romanian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

SERBIA

Chart 268: Serbian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

SLOVAKIA

Chart 269: Slovakian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

SLOVENIA

Chart 270: Slovenian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

TURKEY

Chart 271: Turkish Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

UKRAINE

Chart 272: Ukrainian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

OTHER REST OF EUROPE

Chart 273: Other Rest of Europe Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

ASIA-PACIFIC

Chart 274: Asia-Pacific Solar Photovoltaic Installations (Annual and Cumulative) Market (2010-2020) in Megawatts

Chart 275: Asia-Pacific Annual Solar Photovoltaic Installations Market (2010-2020) by Region – Australia, China, India, Japan, South Korea, Taiwan, Thailand and Rest of Asia-Pacific in Megawatts

Chart 276: Glance at 2010, 2015 and 2020 Asia-Pacific Annual Solar Photovoltaic Installations Market Share (%) by Geographic Region – Australia, China, India, Japan, South Korea, Taiwan, Thailand and Rest of Asia-Pacific

Chart 277: Asia-Pacific Cumulative Solar Photovoltaic Installations Market (2010-2020) by Region – Australia, China, India, Japan, South Korea, Taiwan, Thailand and Rest of Asia-Pacific in Megawatts

Chart 278: Glance at 2010, 2015 and 2020 Asia-Pacific Cumulative Solar Photovoltaic Installations Market Share (%) by Geographic Region – Australia, China, India, Japan, South Korea, Taiwan, Thailand and Rest of Asia-Pacific

Chart 279: Asia-Pacific Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 280: Glance at 2010, 2015 and 2020 Asia-Pacific Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 281: Asia-Pacific Annual Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si) in Megawatts

Chart 282: Glance at 2010, 2015 and 2020 Asia-Pacific Annual Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 283: Asia-Pacific Annual Solar Thin Film Installations Market (2010-2020) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS) in Megawatts

Chart 284: Glance at 2010, 2015 and 2020 Asia-Pacific Annual Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 285: Asia-Pacific Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 286: Glance at 2010, 2015 and 2020 Asia-Pacific Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 287: Asia-Pacific Cumulative Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and

Multicrystalline Silicon (Multi-c-Si) in Megawatts

Chart 288: Glance at 2010, 2015 and 2020 Asia-Pacific Cumulative Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 289: Asia-Pacific Cumulative Solar Thin Film Installations Market (2010-2020) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS) in Megawatts

Chart 290: Glance at 2010, 2015 and 2020 Asia-Pacific Cumulative Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 291: Asia-Pacific Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 292: Glance at 2010, 2015 and 2020 Asia-Pacific Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 293: Asia-Pacific Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 294: Glance at 2010, 2015 and 2020 Asia-Pacific Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

AUSTRALIA

Chart 295: Australian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 296: Australian Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 297: Glance at 2010, 2015 and 2020 Australian Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 298: Australian Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 299: Glance at 2010, 2015 and 2020 Australian Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 300: Australian Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 301: Glance at 2010, 2015 and 2020 Australian Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 302: Australian Cumulative Solar Photovoltaic Installations Market (2010-2020) by

End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 303: Glance at 2010, 2015 and 2020 Australian Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

CHINA

Chart 304: Chinese Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 305: Chinese Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 306: Glance at 2010, 2015 and 2020 Chinese Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 307: Chinese Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 308: Glance at 2010, 2015 and 2020 Chinese Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 309: Chinese Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 310: Glance at 2010, 2015 and 2020 Chinese Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 311: Chinese Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 312: Glance at 2010, 2015 and 2020 Chinese Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

INDIA

Chart 313: Indian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 314: Indian Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 315: Glance at 2010, 2015 and 2020 Indian Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 316: Indian Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 317: Glance at 2010, 2015 and 2020 Indian Cumulative Solar Photovoltaic

Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films
Chart 318: Indian Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 319: Glance at 2010, 2015 and 2020 Indian Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 320: Indian Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 321: Glance at 2010, 2015 and 2020 Indian Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

JAPAN

Chart 322: Japanese Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 323: Japanese Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 324: Glance at 2010, 2015 and 2020 Japanese Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 325: Japanese Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 326: Glance at 2010, 2015 and 2020 Japanese Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 327: Japanese Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 328: Glance at 2010, 2015 and 2020 Japanese Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 329: Japanese Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 330: Glance at 2010, 2015 and 2020 Japanese Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

SOUTH KOREA

Chart 331: South Korean Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 332: South Korean Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 333: Glance at 2010, 2015 and 2020 South Korean Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 334: South Korean Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 335: Glance at 2010, 2015 and 2020 South Korean Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 336: South Korean Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 337: Glance at 2010, 2015 and 2020 South Korean Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 338: South Korean Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 339: Glance at 2010, 2015 and 2020 South Korean Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

TAIWAN

Chart 340: Taiwanese Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 341: Taiwanese Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 342: Glance at 2010, 2015 and 2020 Taiwanese Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 343: Taiwanese Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 344: Glance at 2010, 2015 and 2020 Taiwanese Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 345: Taiwanese Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 346: Glance at 2010, 2015 and 2020 Taiwanese Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 347: Taiwanese Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 348: Glance at 2010, 2015 and 2020 Taiwanese Cumulative Solar Photovoltaic

Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

THAILAND

Chart 349: Thai Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 350: Thai Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 351: Glance at 2010, 2015 and 2020 Thai Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 352: Thai Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 353: Glance at 2010, 2015 and 2020 Thai Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 354: Thai Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 355: Glance at 2010, 2015 and 2020 Thai Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 356: Thai Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 357: Glance at 2010, 2015 and 2020 Thai Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

REST OF ASIA-PACIFIC

Chart 358: Malaysian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 359: Rest of Asia-Pacific Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 360: Rest of Asia-Pacific Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 361: Glance at 2010, 2015 and 2020 Rest of Asia-Pacific Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 362: Rest of Asia-Pacific Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 363: Glance at 2010, 2015 and 2020 Rest of Asia-Pacific Cumulative Solar

Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 364: Rest of Asia-Pacific Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 365: Glance at 2010, 2015 and 2020 Rest of Asia-Pacific Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 366: Rest of Asia-Pacific Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 367: Glance at 2010, 2015 and 2020 Rest of Asia-Pacific Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

REST OF WORLD

Chart 368: Rest of World Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 369: Rest of World Annual Solar Photovoltaic Installations Market (2010-2020) by Region – Brazil, Israel, South Africa and Other Rest of World in Megawatts

Chart 370: Glance at 2010, 2015 and 2020 Rest of World Annual Solar Photovoltaic Installations Market Share (%) by Region – Brazil, Israel, South Africa and Other Rest of World

Chart 371: Rest of World Cumulative Solar Photovoltaic Installations Market (2010-2020) by Region – Brazil, Israel, South Africa and Other Rest of World in Megawatts

Chart 372: Glance at 2010, 2015 and 2020 Rest of World Cumulative Solar Photovoltaic Installations Market Share (%) by Region – Brazil, Israel, South Africa and Other Rest of World

Chart 373: Rest of World Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 374: Glance at 2010, 2015 and 2020 Rest of World Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 375: Rest of World Annual Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si) in Megawatts

Chart 376: Glance at 2010, 2015 and 2020 Rest of World Annual Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 377: Rest of World Annual Solar Thin Film Installations Market (2010-2020) by

Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS) in Megawatts

Chart 378: Glance at 2010, 2015 and 2020 Rest of World Annual Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 379: Rest of World Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 380: Glance at 2010, 2015 and 2020 Rest of World Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 381: Rest of World Cumulative Solar Crystalline Silicon (c-Si) PV Installations Market (2010-2020) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si) in Megawatts

Chart 382: Glance at 2010, 2015 and 2020 Rest of World Cumulative Crystalline Silicon (c-Si) PV Installations Market Share (%) by Sub-Type – Monocrystalline Silicon (Mono-c-Si) and Multicrystalline Silicon (Multi-c-Si)

Chart 383: Rest of World Cumulative Solar Thin Film Installations Market (2010-2020) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS) in Megawatts

Chart 384: Glance at 2010, 2015 and 2020 Rest of World Cumulative Solar Thin Film Installations Market Share (%) by Sub-Type – Cadmium Telluride (CdTe), Amorphous Silicon (a-Si) and Copper Indium Gallium Selenide (CIGS)

Chart 385: Rest of World Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 386: Glance at 2010, 2015 and 2020 Rest of World Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 387: Rest of World Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 388: Glance at 2010, 2015 and 2020 Rest of World Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

BRAZIL

Chart 389: Brazilian Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 390: Brazilian Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 391: Glance at 2010, 2015 and 2020 Brazilian Annual Solar Photovoltaic

Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films
Chart 392: Brazilian Cumulative Solar Photovoltaic Installations Market (2010-2020) by
Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 393: Glance at 2010, 2015 and 2020 Brazilian Cumulative Solar Photovoltaic
Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 394: Brazilian Annual Solar Photovoltaic Installations Market (2010-2020) by End-
Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 395: Glance at 2010, 2015 and 2020 Brazilian Annual Solar Photovoltaic
Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and
Utility

Chart 396: Brazilian Cumulative Solar Photovoltaic Installations Market (2010-2020) by
End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 397: Glance at 2010, 2015 and 2020 Brazilian Cumulative Solar Photovoltaic
Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and
Utility

ISRAEL

Chart 398: Israel Solar Photovoltaic Installations Market (Annual and Cumulative)
(2010-2020) in Megawatts

Chart 399: Israel Annual Solar Photovoltaic Installations Market (2010-2020) by
Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 400: Glance at 2010, 2015 and 2020 Israel Annual Solar Photovoltaic Installations
Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 401: Israel Cumulative Solar Photovoltaic Installations Market (2010-2020) by
Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 402: Glance at 2010, 2015 and 2020 Israel Cumulative Solar Photovoltaic
Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 403: Israel Annual Solar Photovoltaic Installations Market (2010-2020) by End-
Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 404: Glance at 2010, 2015 and 2020 Israel Annual Solar Photovoltaic Installations
Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 405: Israel Cumulative Solar Photovoltaic Installations Market (2010-2020) by
End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 406: Glance at 2010, 2015 and 2020 Israel Cumulative Solar Photovoltaic
Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and
Utility

SOUTH AFRICA

Chart 407: South African Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 408: South African Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 409: Glance at 2010, 2015 and 2020 South African Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 410: South African Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 411: Glance at 2010, 2015 and 2020 South African Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 412: South African Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 413: Glance at 2010, 2015 and 2020 South African Annual Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 414: South African Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 415: Glance at 2010, 2015 and 2020 South African Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

OTHER REST OF WORLD

Chart 416: Other Rest of World Solar Photovoltaic Installations Market (Annual and Cumulative) (2010-2020) in Megawatts

Chart 417: Other Rest of World Annual Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 418: Glance at 2010, 2015 and 2020 Other Rest of World Annual Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 419: Other Rest of World Cumulative Solar Photovoltaic Installations Market (2010-2020) by Technology – Crystalline Silicon (c-Si) and Thin Films in Megawatts

Chart 420: Glance at 2010, 2015 and 2020 Other Rest of World Cumulative Solar Photovoltaic Installations Market Share (%) by Technology – Crystalline Silicon (c-Si) and Thin Films

Chart 421: Other Rest of World Annual Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 422: Glance at 2010, 2015 and 2020 Other Rest of World Annual Solar

Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

Chart 423: Other Rest of World Cumulative Solar Photovoltaic Installations Market (2010-2020) by End-Use Sector – Residential, Non-Residential and Utility in Megawatts

Chart 424: Glance at 2010, 2015 and 2020 Other Rest of World Cumulative Solar Photovoltaic Installations Market Share (%) by End-Use Sector – Residential, Non-Residential and Utility

About

Starting from the decade of 2010, the global solar photovoltaics industry underwent a torrid period of ups and downs, with annual installations increasing by 7.2% in 2012 only to drop by about 0.3% in 2013. However, 2014 has been marked as a banner year of double-digit growth for this burgeoning industry, with capital spending on solar manufacturing on the path to recovery, stabilizing module prices and emerging markets taking the lead. Despite these positives, challenges for the solar photovoltaics industry abound and include chopping and changing government incentives and regulations, proliferation of other renewables as competitive forces and extremely slim margins all through the solar value chain.

However, these risks have not obfuscated the optimistic outlook for the development of solar photovoltaics in 2014 and beyond, with a double-digit growth forecast for that year, a trend that is very much on the cards to sustain till the end of the decade. While the European market milieu has had to contend with declining support and incentives, the global economy is still tenuous though recovering and trade disputes have had their say in destabilizing the industry, what is being envisaged for the global solar photovoltaics industry can be termed nothing less than an extraordinary accomplishment, given that just four years ago, less than half of this amount was installed.

I would like to order

Product name: Solar Photovoltaic Installations - A Global Market Overview

Product link: <https://marketpublishers.com/r/SE05D7F4E4EEN.html>

Price: US\$ 3,600.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SE05D7F4E4EEN.html>