

Photovoltaic Generator Market in India 2014

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Abstracts

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Netscribes' latest market research report titled Photovoltaic Generator Market in India 2014 states that the renewable energy sector is gaining prominence in India. With the country facing a continuous shortfall in the supply of conventional sources required to meet the increasing demand for energy in recent years, the focus is gradually shifting from conventional to renewable sources of energy. In order to reduce the current demand-supply gap for electricity within the country, the renewable energy sector has to be given high importance. With several solar PV projects coming up under the Jawaharlal Nehru National Solar Mission (JNNSM), the demand for PV cells and modules is expected to increase significantly. Moreover, the capital costs involved in setting up solar PV projects in India, along with the feasible geographical location of the country that enables it to receive around 3,000 hours of sunshine each year, makes solar PV a highly viable option for electricity generation. The domestic solar PV industry has also attracted significant investments over the past few years. These factors will ensure that the market continues to exhibit steady future growth.

The Government of India is actively involved in the development of the renewable energy sector. Through its various programs, it has directly and indirectly benefitted the solar PV industry. The market is characterized by high competition among players. Although the import of low cost products from China has had a negative impact on the business of organized players, the market continues to exhibit steady growth which is expected to benefit the industry as a whole.

Contents

Slide 1: Executive Summary

MACROECONOMIC INDICATORS

Slide 2: GDP at Factor Cost: Quarterly (2010-11, 2011-12, 2012-13, 2013-14), Inflation Rate: Monthly (Jul 2013 – Dec 2013)

Slide 3: Gross Fiscal Deficit: Monthly (Feb 2013 – Jul 2013), Exchange Rate: Half Yearly (Aug 2013 – Jan 2014)

Slide 4: Lending Rate: Annual (2008-09, 2009-10, 2010-11, 2011-12), Trade Balance: Annual (2009-10, 2010-11, 2011-12, 2012-13), FDI: Annual (2009-10, 2010-11, 2011-12, 2012-13)

INTRODUCTION

Slide 5: India – Energy Scenario and Region-Wise Installed Capacity

Slide 6: India – Energy Demand-Supply Forecasts (2006-07, 2011-12, 2016-17e)

Slide 7: Renewable Energy Scenario, Energy Market Segmentation and Renewable Energy Market Segmentation

Slide 8: Components of a Solar PV Plant and Types of PV Cells

Slide 9: Types of PV Systems

MARKET OVERVIEW

Slide 10: Photovoltaic Generator – MARKET OVERVIEW, Market Size & Growth (Value-Wise; 2012 – 2018e)

Slide 11: Photovoltaic Generator – Modules Used: Segmentation (2012) and Indian Solar Photovoltaic Manufacturing Capacity (2012)

Slide 12: Solar PV Value Chain

DRIVERS & CHALLENGES

Slide 13: Drivers and Challenges – Summary

Slide 14-18: Drivers

Slide 19-21: Challenges

TRENDS

Slide 22: Key Trends – Summary
Slide 23-26: Major Trends in the Market

APPLICATIONS OF SOLAR PV

Slide 27-28: Major Application Areas of Solar PV

GOVERNMENT PARTICIPATION

Slide 29: GOVERNMENT PARTICIPATION – Summary
Slide 30-35: Major Government Bodies and Key Initiatives and Programmes

COMPETITIVE LANDSCAPE

Slide 36: Porter's Five Forces Analysis
Slide 37-41: Competitive Benchmarking (FY 2013)
Slide 42-61: Major Public Players
Slide 62-108: Major Private Players

STRATEGIC RECOMMENDATION

Slide 109: Key Strategic Initiatives

APPENDIX

Slide 110: Key Ratios Description
Slide 111: Sources of Information

About

Market

Solar PV market in India is expected to grow at a CAGR of 'x'% between 2012 and 2018 to reach 'v' GW

Although overall projects costs are rising, the market has continued to grow steadily

State 1 and State 2 together account for ~'p'% of the total solar PV installations in India

Solar PV market in India is mostly an organized market with an installed capacity of 'q' GW as of 2013

Under the first phase of the Jawaharlal Nehru National Solar Mission (JNNSM), 'y' MW of grid-connected solar power was installed

Under the Phase II Batch I of the project, 'w' MW of PV projects will be added and are expected to be commissioned by May 2015

The mission aims to add 'z' GW grid-connected solar power to India's energy mix by 2022

In 2013, the market saw overall project costs increasing

This was a result of the high inflation, a 'm'% rise in module prices and a 'n'% rupee depreciation, experienced by the market

Despite the rising costs, the market for solar PV exhibited tremendous growth in 2013, and is expected to grow steadily over the coming years

Drivers

Feasible Geographic Location

Declining Capital costs for Solar PV

Dropping Solar Power Rates

Depleting Coal Reserves

India Remains Energy Deficient

Increasing Cost of Electricity from

Conventional Sources

Time of Commissioning

Challenges

Capital Intensive Nature

Competition from Chinese Firms

Lack of Awareness

Healthcare Industry Overview

- Public and private expenditure on healthcare as percentage of GDP was 1.4% and 2.8% respectively
- Favorable demographics, increase in awareness levels and better medical care are some of the driving factors behind the healthcare sector in India
- Hospitals form the largest segment of overall healthcare market, followed by pharmaceuticals, medical devices, health insurance and diagnostics
- Gradual penetration of health insurance is making health services more affordable through increased demand for preventive and curative healthcare services

- Superior quality healthcare, coupled with low treatment costs in comparison to other countries, is benefiting Indian medical tourism which has, in turn, enhanced the prospects of the Indian healthcare market
- Treatment for major surgeries in India costs approximately 20% of that in developed countries

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