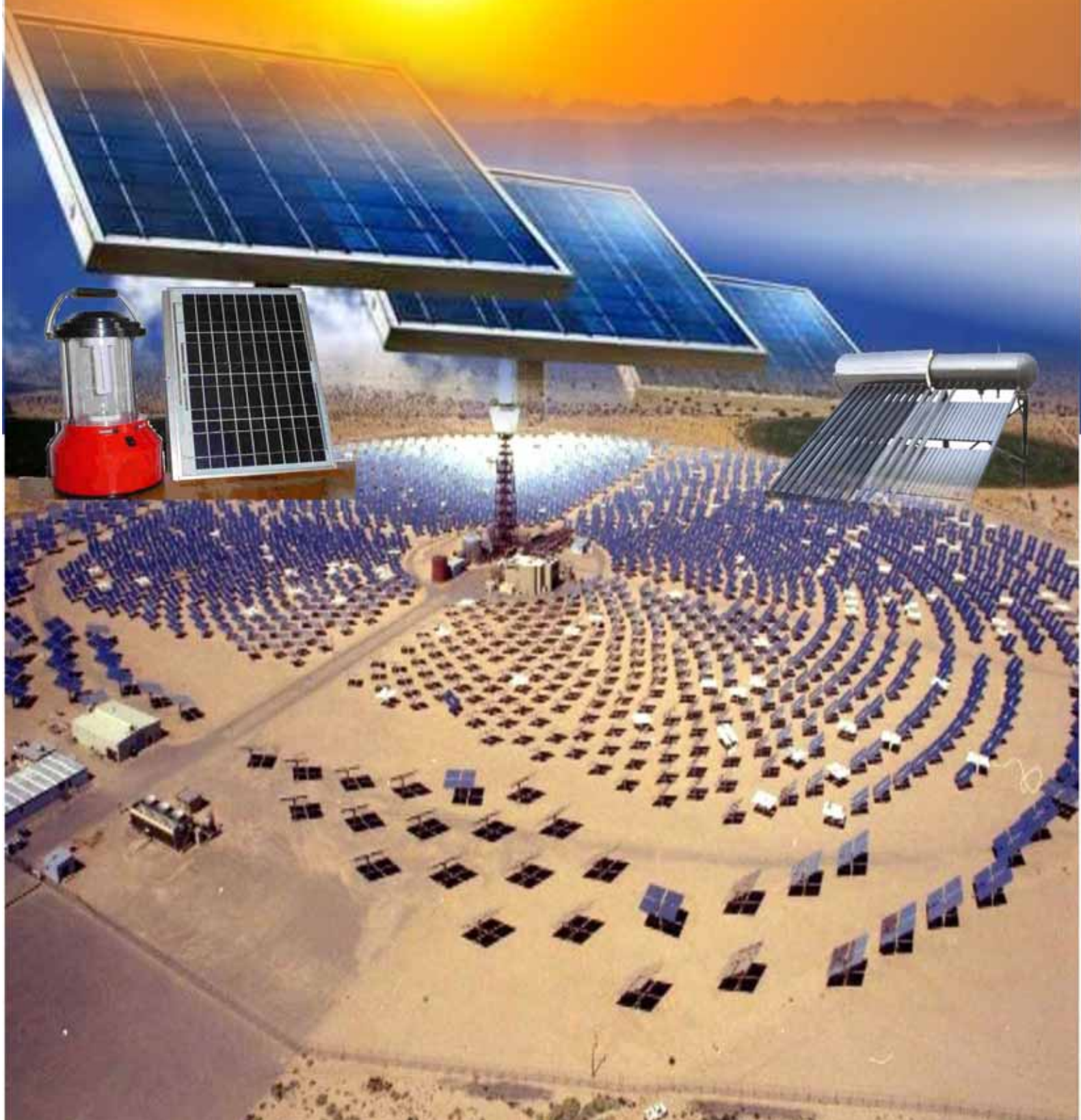


Indian Solar Energy Market



Industry Insight

Solar Energy Market

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Cygnus

Business Consulting & Research Pvt. Ltd.

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SYNOPSIS

Power hungry India is heading to be a global solar power house in near future as the government of India, under its Jawaharlal Nehru National Solar Mission (JNNSM), is mulling to install 20GW of solar power generation capacity by 2022. National Solar Mission (NSM) has laid down a road map for achieving a target for off grid solar energy applications, reaching 2GW by 2022; 20 million square meters solar thermal collector area; and deploying 20 million solar lighting systems for rural areas by 2022. The successful implementation of the NSM can vastly benefit module suppliers, solar PV/ solar thermal-based independent power producers (IPPs), and system integrators.

As per the 11th New and Renewable Energy Five Year Plan, the Government estimates the solar energy market in India to reach about US\$2.5 billion from 2008 to 2012. India's current solar PV module manufacturing capacity has touched 1GW and huge future investments in solar PV module manufacturing are well anticipated. According to an estimate of the International Energy Agency (IEA), an investment of over US\$800 billion will be required to meet the future needs by 2030. Incentives under 'Special Incentive Package (SIPs)' policy will mobilise setting up of integrated manufacturing plants; from polysilicon to solar modules and thin film based module manufacturing plants in India. India has currently 10-12 solar cells and 20 module manufacturers. Gartner predicts that by 2013, India will supply nearly 40% of its own domestic solar PV demand, which is largely being imported now.

In the backdrop of this scenario, Cygnus Business Consulting & Research has come out with a report on 'Solar Energy Market in India'. The report has 12 chapters and discusses the overview of solar energy markets—global and India, market segments, solar energy technologies and its applications, solar photovoltaic industry analysis and its growth, key growth drivers, issues and challenges of the industry, incentives declared by the state and central government, major players—their operational and functional performances, major solar projects and future outlook. The report will be useful to potential investors to get the overview of Indian solar energy market with a comparison to its global market, raw materials scenario, potential and emerging business opportunities; it will also provide a broader perspective of government's initiative to enhance solar energy generation through various policies, analysts interested in the Indian energy market and various research agencies engaged in the field of solar energy will be also benefited by the coverage.

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