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Analyzing Solar Power in the United States

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Abstracts

The United States is a leader in the field of solar energy. With California showing the way, the US has many utility-scale solar power plants and there are plans underway to construct several larger solar plants in the country. The largest of these proposed plants is going to be the 968 MW Blythe Solar Power Project, which is going to be located in California.

At present, the Solar Energy Generating Systems facility in California is the largest solar power installation in the world. Several other noteworthy solar plants in the US include the Nevada Solar One, the DeSoto Next Generation Solar Energy Center, amongst others.

Aruvians Rsearch analyzes the solar power sector in the United States in its research report Analyzing Solar Power in the United States.

This report covers the solar power market starting with an analysis of solar resources in the US, growth of the industry, the impact of solar energy on the consumer energy market, etc. Frameworks analyzed in this report include a SWOT analysis of the solar power market in the US and a PEST analysis of the global solar photovoltaics industry.

A detailed analysis of the emerging technologies in the solar power market in the US is undertaken in Aruvians report. Some of the technologies analyzed include carbon nanotubes, flexible solar cells, hybrid solar cells, holographics solar concentrator technology, miniature solar cells, nanowire solar cells, organic photovoltaics, and many more.

Incentives provided for solar power in the US such as federal tax credits, feed-in tariffs, state-level incentives, the Solar America Initiative, and solar renewable energy certificates are analyzed. Federal/state programs promoting solar power are also

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analyzed. These include the US DOE SunShot Initiative, the US DOE Solar Decathlon, the Open PV Mapping Project, amongst others.

Following on, we analyze the solar power market by states. Solar power in the following states is analyzed: Arizona, California, Hawaii, Nevada, New Jersey, New Mexico, and Oregon.

An analysis of the solar thermal power plants in the US includes the profiles of the Blythe solar power project, the Calico solar energy project, Fort Irwin project, Ivanpah solar power facility, the Keahole solar power project, the Kimberlina solar thermal energy plant, the Martin Next Generation Solar Energy Center, and many others.

A section that stands out in Aruvians report is the invest know-how segment about the US solar power industry. This section covers what every investor needs to know before investing in the US solar power industry.

Market outlook for the US solar power market and an analysis of the leading companies in this market complete this analysis of the US solar power market.

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