

Solar Panel Installation And Photovoltaic Systems

by Anand Kumar Ashodhiya - Sunday, December 31, 2017

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Whether one should acquire Solar Panel Installation and Photovoltaic Systems for One's house, institutions etc or not, this is a question to be pondered upon in view of viable solutions available for future energy.

Solar panel installation and photo-voltaic systems have turn into the brand new buzzwords for electricity in your house. Solar photo-voltaic systems can be utilized to generate electricity in your house by way of solar energy. This is an eco-friendly choice because it reduces the poisonous emissions into the environment and makes use of the solar's [energy](#) to generate electricity.

How [Do Solar](#) PV Panels Work?

Solar panels could be mounted on to your rooftop roofs or partitions. The cells on these solar panels are made out of layers of semiconducting devices. When sunlight falls on these cells it creates an electrical area throughout the layers. If the sunshine is powerful, extra electricity is produced.

Benefits Of Solar Energy

[Solar energy](#) is green energy and has no dangerous carbon dioxide emissions or pollution. Sunlight is free so after getting paid for solar pv panels, your price of electricity is decreased to almost 90 % for next 25 years thus reducing your electric bills. Normal Grid electricity supplied by your DISCOMs is rather more costly and prices are also rising every year.

Professional Installation Of Solar Panels

Professional installers of [home](#) and commercial solar panels have certifications and expertise and provide its professional [services](#) for installation of solar panels and photo-voltaic systems, for residences, schools, colleges, institutions, business houses, social sector, commercial ventures or workplace, throughout India.

They will reply all of your queries and clear any doubts you will have about working of the system. You can save on tax and avail subsidies as well as incentives for solar generation on your rooftops through On-Grid Solar Power Plants and save on electricity bills with the solar power system. You are eligible to use Net Meters for feeding or exporting extra electricity into the Grid so that same could be imported back in to your house / installation during non-solar hours. The Grid-Tied rooftop solar power plants installed in residence, institutions and social sectors as well as commercial ventures carry a 5 yrs Warranty, guarantee and AMC of the plant. Solar [Panels Photovoltaic](#) systems are also under performance warranty for 25 years ensuring 80% efficiency guarantee.

Gains Through Installation

If your system produces extra electricity, another person may make use of it and you might reap the advantages. Excess electricity could be saved for later use in batteries or fed into a big Grid powered by the serving DISCOMS or [electricity boards](#) of your areas.

Important Points

Before you decide to adopt solar energy system and consult with the home solar panel installers you'll want to focus on your plans with local authorities to search out out the principal Govt Policies and rules in your residential locality. Government of India through Ministry of New and Renewable Energy (MNRE), State Nodal Agency (SNA) like Haryana Authority of Renewable Energy Development Agency and District level Project Officers, is providing Govt Subsidies to the tune of Rs.20,000/- per Kilowatt or 30% of the project whichever is less. It may be noted that the Subsidy through CFA is applicable only for Grid Tied Rooftop Solar Power Plants under National Solar Mission for Domestic, Institutions and social sectors only. Though commercial ventures are not eligible for subsidies, however they may enjoy 40% Accelerated Tax Depreciation benefits along with Net Metering facilities like Domestic users to reduce their bills upto 90%.

If you wish to convert solar powered electricity into alternating electricity (AC) the solar PV system ought to have a linked with Grid-Tied inverters. The solar panel installers will automatically do the needful to help, assist and guide you for online application to SNC for availing subsidy as well as application to your serving SDO(OP) converted for net-metering. After getting receipt of subsidy sanction and acceptance from SDO, [Solar Panel Installer Company](#) would install and commission the solar power plant withing 10 15 days as per the size of solar power plant.

Placement of Solar Panels

They could be put in on any house or industrial constructing and could be fastened on the bottom or roof, on flat or pitched roofs, in city or rural areas. The solar panels ought to have exposure to sunlight shadow

free.

Everyone is eligible for Solar panel installation and photovoltaic systems with subsidies and net metering facilities for domestic, institutions and social sectors. Interested people may like to visit nearby [Solar Panel Installer](#) or [Solar Energy Companies](#) to have more knowledge about policies in vogue, rules and regulations governing the solar subsidies as well as procedure for solar Panel Installation And Photovoltaic Systems.

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