



Solar square in varanasi

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Established in 2015 by a passionate trio of solar enthusiasts -- Shreya Mishra, Neeraj Jain, and Nikhil Nahar -- SolarSquare is India's most trusted residential solar company. We believe in the power of solar to not only reduce carbon footprints but also to revolutionise the way we power our homes and businesses.

When sunlight falls on the PV cells in a solar panel, the sunlight is converted into electricity. The generated power is DC current. An AC combiner box is used to convert that DC power into usable AC power.

The generated AC electricity is fed into a bidirectional meter that supplies power to the house. It also exports excess power to the DISCOM (grid) and imports power from the grid if electricity generated by the rooftop solar system is not enough to cover the daily requirement.

If you want to save money from the sun, Solar is the best investment for you. Solar allows you to save on your monthly electric bills plus it also allows you to save the planet by going green. Solar energy is a true form of renewable clean energy which leads to zero pollution (air, noise, land) and emits no greenhouse gases mitigating climate change.

Yes. The electricity produced by a solar power system is no different than the electricity you get from your electricity distribution company. The only difference is the source. Moreover, it is among the safest source of electricity consumption because it is neither hazardous nor does it release any toxic or harmful gases during production.

All you need to qualify for a solar system is - empty space on your roof and access to your rooftop. Just fill the project enquiry form on our website and our team will contact you to discuss your requirement. Once the project is finalised, we will take care of your entire plant design, installation and maintenance.

Yes, Solar panels do produce electricity in cloudy or rainy weather albeit with reduced efficiency. This fall in production is considered in the unit generation estimates provided for every project.

The production level of a solar plant depends on multiple factors like radiation levels, amount of sunlight received, plant design and quality of components. On an average, 1 kW solar plant produces 4 units of electricity per day.

Solar Power plants are used to power all types of heavy machinery in industrial plants as well as household electrical and electronic appliances. Since the electricity produced from the plant is fed in sync with your grid/diesel generator, there are no voltage fluctuations irrespective of the number of appliances you use.

Net Metering is a system that gives solar energy owners credits for the power that they add to the grid. When



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solar panels produce excess power, that power is sent to the grid. And this power can be 'taken back' when the solar plants are not functioning – example, during the night. When a unit of solar energy that has been 'net metered', the bi-directional electricity meter will run backwards. Customers are billed only for the 'net' energy use.

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