



THE TRUTH *about* SOLAR ENERGY



What is solar energy?

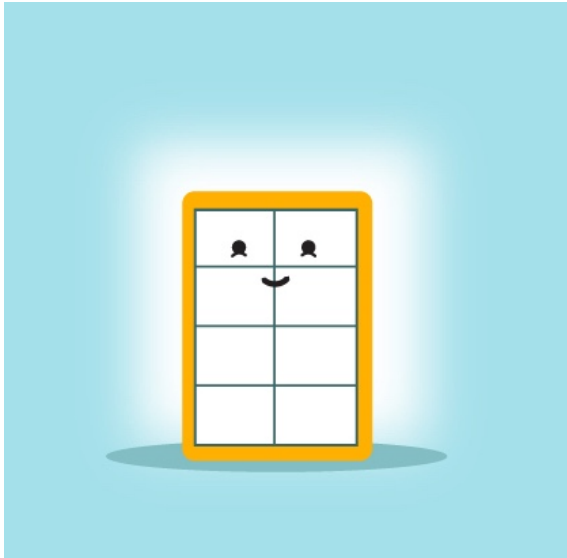
Solar energy is the renewable electrical energy that is converted from the Sun's light and heat through technological means such as solar photovoltaics (PV) cells. Unlike other forms of energy, such as coal, solar energy produces no pollutants and has no negative environmental impact.

Myth: Solar does not work well in cloudy, cold climates

Fact: Cloudy & cold weather can reduce the amount of energy produced by solar panels, but they can still work efficiently in these conditions. The power output of the Solar panels on a cloudy day may be less compared to a clear sunny day, but they can produce 10-20% of their capacity.

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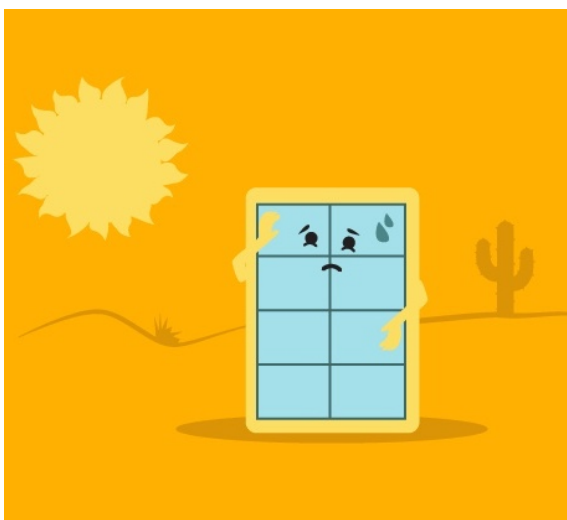


Myth: Solar is too Expensive

Fact: The price of solar has fallen steeply in the past few years & it has never been as affordable as it is right now. Solar panels usually payback for themselves within 3 to 7 years. Tax incentives, Subsidies & Net Metering, provided by the government have made it cheaper than ever! [Continue reading..](#)

Myth: Solar requires constant maintenance

Fact: Solar panels are pretty durable, designed to withstand hail, sleet & snow. Solar panels require minimal maintenance because of the absence of any moving parts. Solar panels come with a warranty of 20-25 years but last much longer. [Continue reading..](#)



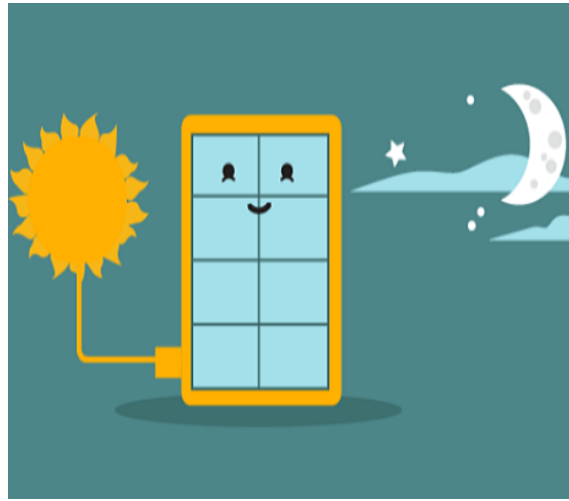
Myth: Solar Panels need a battery to store the electricity

Fact: Majority of solar systems don't store energy in batteries. They're connected to the power grid via net metering, & owners are credited with the energy their solar panels add to the electrical grid. It is possible to add a battery but doing so increases the

cost. [Continue reading..](#)

Myth: Solar powered devices do not work at night

Fact: Solar panels are built to work under sunlight. So technically they do not work at night. However, most solar powered devices harness energy from the sun during the day to be used later at night. [Continue reading..](#)



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About SolarSmiths!

With our [complete range](#) of **solar energy systems**, SolarSmiths expert team will make it convenient for you to Go Solar today! Whether for your business, factory, office or home, **SolarSmiths** are here to help with [turnkey solutions](#) including net metering and subsidy.



Why SolarSmiths?

- **MNRE & TPDDL** empanelled solar systems installer
- Successfully **completed** more than [30 projects](#) all over India
- Diverse **Residential, Commercial** and **Industrial** solar project portfolio
- In-house **expert solar design** engineers, pre and



post sales support team with MW scale expertise

- Backed by over **30 years** of turnkey project implementation experience
- [Varied clientele](#) in banking, FMCG, **manufacturing**, storage services, real estate and many more!



Visit **SolarSmiths** at the **Renewable Energy India Expo, 2017**.

Stall No.: 7.13

Date: 20- 22 September, 2017

Venue: India Expo Centre, Greater Noida

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sales@solarsmiths.com | www.solarsmiths.com

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Our mailing address is:

SolarSmith Energy (P). Ltd.
28, Harsh Vihar, Pitampura
Delhi 110034
India



MailChimp

