

Solar power station for textile industry

How can the textile industry benefit from solar PV?

In turn, the textile industry pays for the use of solar energy generated from power plant periodically. The incredible drop of solar module prices and the growth of the solar ecosystem have created the ideal situation for more widespread adaption of solar PV systems. Textile industry can benefit hugely by deploying solar projects in large scale.

Can solar power be used in textile industry?

For the power intensive textile industry, the company can provide solutions either on their roof top or on the ground. Solar power can be used at the spinning mills section- ring frame and open end spinning machines, knitting units, sizing mills, cording machines, etc.

How can Tata Power Solar help textile processing?

As we know, textile processing requires a lot of hot water in the range of 40-110°C at various stages of the production process. Tata Power Solar can help generate the requisite heat through solar energy. We can help substitute conventional energy consumption with solar which will, in turn, result in huge monetary savings.

Can solar power be used in textile industry in Tamil Nadu?

Solar power can be used at the spinning mills section- ring frame and open end spinning machines, knitting units, sizing mills, cording machines, etc. We have already done up to large MW scale of projects for the textile industry in Tamil Nadu.

How will solar energy impact textile industry in India?

Textile industry in India pays a flat rate on energy charges between Rs. 5- 6.35 per unit and with applicable duty, the charge goes up to Rs. 6 to 7.46 per unit. Therefore as long as solar energy cost remains lower than the utility tariff, it will continue to make a firm proposition for these industries.

What is the role of textile industry in India?

Textile industry has been an early adopter of renewable energy in India and has contributed largely in the growth of clean energy in the country. Many textile mills have set-up captive power plants, wind mills and now solar power plants.

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Web: <https://www.publishers-right.eu/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

