



Solar Power Generation Technology in India

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Abstract

The future of solar energy in India for the foremost half depends on achieving the formidable energy generation target of one hundred GW by 2022. With the accumulative star capability increasing to 15.6 GW, as on 2017, the market sentiment is upbeat because of the record vary of installations. Whereas 2017 to register addition of 8-10 GW, we've got an inclination to would possibly to boot face a lag among the short term as not many tenders square measure being free. Whereas the forceful reduction in tariffs may result during a heap of demand, it's to boot left investors concerned. But with device costs on the face of it to plummet a lot of and energy storage technologies resurgent the efficiency equation for the upper, they need to not have easy to stress relating to. The govt. will majorly drive the demand with the NTPC, NLC, CIL, NHPC and Railways all inviting tenders for solar come. In line with the Bloomberg New Energy Outlook 2017 report, tons of economical batteries will provide flexibility of use and boost the reach of renewable, cutting the worth of solar energy by 66 %. With energy storage discovering and costs becoming increasingly viable, this formidable combination will facilitate manufacture an awfully property theme and decrease carbon dioxide considerably.

Keywords: Solar energy, Solar technology, Thermal power.

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