

Rapid solar power infrastructure development is the backbone of India's climate ambitions & energy security. Elaborate.

India being a developing country it is heavily depended on coal & thermal power source which makes India vulnerable to market shock which can be fix by the solar panel revolution of India.

Need for solar power infrastructure:

- India's commitment to Net Zero in 2070
- To make India Akha Nirbhar
- To control pollution of thermal power etc.
- ⇒ Energy Security.

India's move for infrastructure development

↳ 2021-23 budget has announced ₹ 500 for solar panel manufacture

↳ Levy of Excise duty on Solar panel Import

↳ Introduction of PLI (Production Linked Incentive) Scheme

↳ Improvement of Solar panel infrastructure will
make India as manufacture hub of Solar
power

↳ Power hungry country like India will need lot
of Solar energy to cut on its coal expenses
which will help out Forex ~~and~~ Reserve

way forward

→ Improvement in capital Expenditure

→ Promoting Solar energy by EXIM bank

→ Allotting SEZ for Solar manufacture.

→ Improving ease of doing business.

India being a proponent of one Sun one world
and Grid & efforts on Solar energy India's backbone
is bound to be Solar power industry.