

2022/02/04

Energy

Qn

Irrespective of the costs, the budget boost to solar production linked incentive scheme will strengthen the energy security.

Ans

India is targeted of solar capacity of 280GW by 2030 to reduce dependence on non-renewable energy and reduce carbon emission. We at present have 50GW of solar capacity and need more investments to boost the solar capacity.

In this background, Ministry announced PLI on solar capacity budget allocation of around 200 thousand crore in order to draw more investment and also demand for solar cells and modules are increased in the residential and commercial areas. But the supply of cells and modules

very concern.

India dependence on china

India is good at assembling modules but need capacity and technology to produce the silicon wafers (which is very important for solar module) so it imports $\frac{2}{3}$ of solar cells ~~is~~ from china.

Self Reliant :-

The need for capacity is very crucial as ~~we~~ to achieve the target and need to produce 30GW more capacity ~~more~~ to achieve additional 250GW within 8 years. So it is very important than India not depending on china need to start producing its own silicon cells and wafers.

Integrated capacity can make the country achieve target solar capacity and ~~the need~~ PLI can help in bring the investment needed. It is time for India to be "Self-reliant".