

18/7/22

12

2070
181X

① As coal is unavoidable in the near future renewable energy goals needs to be gradual ensuring an orderly transition?

Intro - Experts predicted that by 2100 global avg temperature to reach 2.1°C above pre-industrial levels. Renewable energy transition needed to build secured energy future.

Current Crisis -

Since the onset of pandemic and the prevailing RUSS-UKRAINE war, ^{made} energy prices ~~have~~ surged worldwide. with inflation at unprecedented levels, concerns over energy security grabbed attention.

From the National Coal Index, jumped from 165 to about 238 reflecting the sharp increase of International Coal price

steps to be Taken :-

- ① India's renewable energy investment should be concentrated on:-
 - ⊙ clean electrification
 - ⊙ reduce the methane emission released from coal production.
 - ⊙ clean energy innovation
- ② India's target of reaching 500 GW of renewable energy by 2030 should be focused as this initiative could create 3-4 million new clean energy jobs.
- ③ India should actively engage with developed countries to mobilise resource & technology to adopt a green energy future.
- ④ Solarisation of pumps in agricultural field could provide clean energy to the door step of the consumer.
- ⑤ GoI should encourage private sectors to participate in transition towards clean energy.

steps taken by Govt -

* India announced 50% of total energy ^{production} will be from renewable energy [COP 26]

* Min. of Renewable energy launched IRIX platform to promote exchange of ideas ~~of~~ among energy conscious Indians.

* PLI scheme was announced to enhance the manufacturing sector for the production of raw materials for renewable energy.

* [PM-KUSUM] launched to provide financial & water security to farmers through harnessing solar energy Capacities.

Conclusion - To reach the India's commitment of attaining net zero emission by 2070, the usage, production, of renewable energy should be gradually increased.