

India has never been more primed for increased investment in renewable energy technology not just because of impending threat of climate change but also due to fact that any new coal fired powerplants in India will be economically unviable. Evaluate (200 words).

Pandemic and the threatening climate change has shown^u the world the importance of nature conservation and clean energy. Speaking of cleaner energy the aging thermal powerplants have also made us to look for renewable resources.

Why not renewing the coal powered plants?

- 1) As per Environment ministry setting up of coal based plants and ~~up~~ upgrading coal based plants are not economically viable.
- 2) Shutting down of coal based plants could only cost ₹5000 crore which is 1-2% of yearly profit.

Why renewable energy investments?

- 1) renewable energy investments are sustainable in nature, they are environment friendly in outcome
- 2) They can provide dual advantage of energy production and carbon reduction.
- 3) Moving towards ~~50%~~ Nationally Determined Contributions of 40% of fuel of non fossil form by 2030 and 450 Gw of renewable energy India will grow in a sustainable manner
 - (i) can claim carbon credits
 - (ii) can attract technology transfer products etc.

Thus moving away of coal based power plants can help India in a global level both economically. This also increases the country's esteem.