

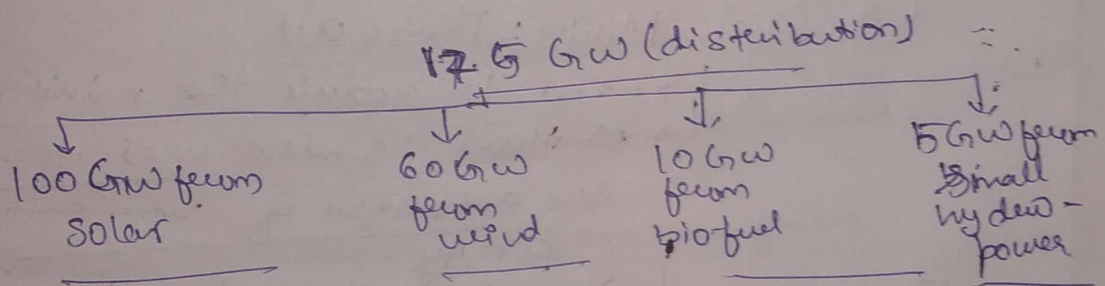
The mining of coal has to be gradually phased out from the country to attain the global energy commitments, and mitigate the climate crisis. Explain.

India comes in the top 10 list ~~of~~ the across the world according to World's Air Pollution Index 2020. India emits 2,299 million tonnes of Carbon dioxide (CO<sub>2</sub>) and there has been rise 4.8% every year.

### Global Energy Commitment?

→ India took a commitment to ~~sum~~ reduce the CO<sub>2</sub> emission by 30-40% till 2035.

- Shift ~~from~~ Coal based economy to renewable energy based economy.
- target to use 175 GW of ~~etc~~ energy from renewable sources under the following dist



- India already took steps to achieve like
  - installing Solar Plants
  - installing wind plants towers
  - installing Hydro powers
  - building dams on various rivers
  - & etc.

→ All these project and target are set under 21st Conference of Parties (COP21) under United Nations Framework on Climate Change.

## \* Mitigate Climate Crisis :

→ Acc. to Report of World Pollution Index 2020  
India emits 2.5-3 billion tonnes of Carbon dioxide ( $\text{CO}_2$ ). Which is:

- ↳ harmful for the environment
- ↳ increases the Global warming
- ↳ increases average Global temperature up to 2-2 degree every year
- ↳ will also affect the human and, animals and plants.

→ to reduce the impact India needs to reduce the usage of non-renewable sources like Coal, etc.

## \* Steps to reduce the emission

- ↳ Coal Mining = Phase out
  - ↳ need to reduce the mining of coal
  - ↳ ~~or~~ there is also need to reduce the extraction of non-renewable energy.
  - ↳ need to shift plans like +
    - ↳ Coal in the hole
    - ↳ energy from coal based to nuclear based or non-renewable based
- ↳ need to reduce usage of old vehicles, which run on diesel and petrol
- ↳ need to promote electrical or hybrid use of vehicles

## \* Conclusion:

The increasing amount of  $\text{CO}_2$  emission will impact not only on human environment but also on human & animals. Therefore the need to shift from Coal based economy to renewable.