GS-3 Is there a need for a dedicated entity to deal with
10/1/22 challenges in generating RE in India. Comment

The Indian Renewable energy companies raised $5.9 Billion through green bonds. This shows the potential India has in renewables.

Challenges in Renewable energy

Inadequate power purchase agreements (PPA) Out of 18GW of solar power more our 16GW do not have PPAs.

availability of land and transmission losses are also high

The renewable deployment is 10GW per annum since 2016, this has to 40GW to meet 500GW from renewables.

A dedicated entity

The Solar energy corporation of India has to be expanded to

National Renewable energy corporation (NREC) The NREC can act as body to attract investments, strengthen procurement, enhance transparency and co-ordinate with centre and states.

The DISCOMs can be shifted to renewables from inefficient coal power plants. The bundling scheme can drive the reform for DISCOMs.

The NREC can help diversify the energy mix from tidal, biomass, the wind etc. The energy must be decentralised upto 50MW.

The NREC must be backed by a law so that it can help meet the sustainable development goal and Panchamrit principle.

(Time: 6:41 (min))