

## **Green Industry Base**

## Why in News?

The state government will position Uttar Pradesh as a state with 'green industry base' in the Ground Breaking Ceremony scheduled on 19th February, 2024.

## **Key Points**

- The industries department will project its solar, biofuel, pumped storage, and <u>EV battery</u> ecosystem to attract new players.
  - According to the officials, UP's capacity to produce solar energy was 22.38 gigawatt (GW) which is significantly higher than many states.
  - The state is coming up with a <u>Green Energy Corridor</u> that has a land bank of approximately 1,54,000 hectares for solar use. Government has approved six solar parks with capacity of 3,600 MW.
- 25% of total EVs in India are used in UP. The state has already developed a network of 450 plus active charging stations while another 100 plus are in the pipeline with locations already identified along expressways, public places, and buildings.
  - An exercise of EV planning for **seven freight smart cities** is underway.
- UP has approved eight projects in Sonbhadra, Mirzapur and Chandauli with cumulative capacity of 13,250 MW.
- Considering that UP alone can consume 1/5th of the target under <u>National Green Hydrogen</u> <u>Mission</u>, the state has come up with single window approval for setting up compressed <u>biogas</u> <u>plant</u>, <u>biodiesel/ethanol production</u> **plant**.

