



# CNG to be made from garbage in Lucknow, Ghaziabad, Prayagraj

## Why In News?

On October 17, 2022, **Lucknow Municipal Commissioner Inderjit Singh** said that on the lines of Indore, orders have been issued to set up **CNG manufacturing plants from garbage** in three cities of the state - **Lucknow, Ghaziabad, Prayagraj**.

### Key Point

- It is known that on the lines of Indore, there is a preparation to make CNG from wet waste in 4 cities of Uttar Pradesh. After approval to make CNG from garbage, CNG plants will be set up on **PPP model** in Lucknow, **Ghaziabad, Prayagraj, while Gorakhpur is also in the queue.**
- These will produce **34,000 kg of CNG per day** and about **1,000 tonnes** of waste will be used daily to make it. This will save 3.65 lakh metric tonnes of waste from going to the garbage disposal plant.
- In Lucknow and Ghaziabad, the same company Ever **Enviro Resource Management Private Limited** will make CNG from garbage, while in Prayagraj, **Indo Enviro Integrated Solution Limited company** has been given the responsibility. These companies will have to set up plants at their own expense. No financial help will be given to them by the municipal corporation.
- Lucknow and Ghaziabad municipal corporations will give 12 acres of land each to the company on a lease of one rupee, while Prayagraj and Gorakhpur municipal corporations will have to give 10 acres each. The municipal corporation will also get royalty in lieu of this land. The CNG maker will pay Rs 74 lakh each to Lucknow and Ghaziabad and Rs 56 lakh each to Prayagraj and Gorakhpur Municipal Corporations.
- After the installation of CNG plants from garbage, these four cities will reduce 2.50 lakh tonnes of **Carbon Dioxide** and **Greenhouse Gases** daily.
- For Lucknow and Ghaziabad, 300 tonnes of wet waste will be used to make CNG, while plants in Prayagraj and Gorakhpur will use 200 tonnes of waste each daily. In this way, 34000 kg CNG will be generated from 1000 tonnes of waste daily in the four cities.
- The Committee of Secretaries of the government said that the municipal corporations will have to make a way to the places where CNG plants will be installed and along with this, the municipal corporations will also have to provide electricity, water, street lighting, drainage and sewer facilities to the municipal corporation, which will also provide employment to 8000 people directly and indirectly in the plants.
- The organic manure generated from the CNG plant will be given to the farmers, which will be used for farming on the banks of Ganga and other rivers of the state. This will reduce the use of **chemical fertilizers** and **increase the fertility of the soil**. Also, the mixing of chemical fertilizers in the river water will also stop.

