

19 green hydrogen projects in pipeline

‘Will Create Over 1L Jobs In Few Mths’

TIMES NEWS NETWORK

Lucknow: The recently promulgated Green Hydrogen Policy of UP will unlock 19 projects in the sector having a worth of Rs 1.95 lakh crore. These projects were pledged during the Global Investors’ Summit in February last year.

“We in UP are looking towards creating a capacity to generate one million tonnes of green hydrogen per year. The task on board will create over 1.2 lakh jobs over the next few months,” said Nand Gopal Gupta Nandi, minister for industries and infrastructure development.

Officials at Invest UP clai-

Representative Picture



GREEN MISSION

med that the state had received investment proposals on the count. With the policy in place, the state is now ready to roll out investment incentives in capital outlay, land availability, power transmission among other things.

They also said that the state was gearing up to establish two centres of excellence (CoE) for research and innovation in green hydrogen. The UP State New and Renewable Energy Development Agency has been made the nodal body

in this regard.

At present, the hydrogen demand in UP is estimated at 9 lakh tonnes per annum, especially in the fertiliser and refinery sectors.

Moreover, the policy will lay emphasis on increasing hydrogen blending in regions where it is consumed. The policy, it is believed, will pave the way for setting up carbon dioxide recovery units to utilise carbon produced from biogas and other industries.

It may be noted that green hydrogen is produced by breaking down water in an electrolyser using renewable energy, thus leaving no carbon emission. Later, hydrogen can be combined with nitrogen to make ‘green’ ammonia. Green ammonia is used to store energy and make fertilisers.

UP will also be able to leverage its vast network of rivers as water plays a vital role in producing green hydrogen.