



## NTPC Vidyut Vyapar Nigam Limited Commissions its First Rooftop Solar Power Project at IIT Jodhpur

### Why in News?

According to the information provided by the Press Information Bureau, Government of India on June 16, 2023, NTPC Vidyut Vyapar Nigam Limited (NVVN), a wholly owned subsidiary of National Thermal Power Corporation (NTPC), has conducted its annual examination at IIT Jodhpur (Rajasthan) on June 14, 2023, has commissioned the first rooftop solar photovoltaic project.

### Key Points:

- This 1 MW grid-connected solar project is implemented by NVVN under the Renewable Energy Service Company (RESCO) model for a power purchase agreement period of 25 years.
- Under the RESCO model for the installation of rooftop solar installations, a Renewable Energy Services Company (RESCO) designs, builds, finances and operates the complete solar power plant (roof or ground-mounted) and the consumer receives assured monthly units per kWh of electricity generated. pays the developer for the same and the disco adjusts the electricity units generated in the electricity bill of the consumer.
- The project has been set up on the rooftops of 14 buildings on the IIT Jodhpur campus. The project will generate about 14.9 lakh units of electricity per year and will meet 15 percent of the electricity requirement of IIT Jodhpur.
- The project will result in a reduction of 1,060 tonnes of carbon dioxide emissions per year.



- It is worth mentioning that NTPC Vidyut Vyapar Nigam Limited was formed by NTPC in the year 2002 to harness the potential of power trading in the country. NVVN holds the highest category 'I'

Electricity Business License as per the latest regulation of the Central Electricity Regulatory Commission.

- NVVN is trading Gypsum and is now expanding its operations in the areas of renewables, e-mobility, and waste to green fuel and providing complete business solutions across the power value chain.

PDF Referenece URL: <https://www.drishtias.com/printpdf/ntpc-vidyut-vyapar-nigam-limited-commissions-its-first-rooftop-solar-power-project-at>

