

Green Day Ahead Market portal

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In news– The Union Minister of Power & New and Renewable Energy has launched the new market segment, Green Day Ahead Market (GDAM) recently.

About the portal-

- The portal **offers an opportunity to the market participants to trade in green energy**, in the most transparent, flexible, competitive, and efficient manner.
- Under this portal, the **distribution utilities would also be able to sell surplus renewable power generated** in their area.
- **The obligated entities** (distribution licensee, open access consumers and captive power consumers) **would also be able to meet the Renewable Purchase Obligations (RPOs)** target by directly buying green power from the power exchange(s).
- The non-obligated entities will be able to buy power on a voluntary basis and help increase the share of green power.
- **The other benefits of participating in the GDAM would be** reduction of curtailment of green power, unlocking untapped renewable energy potential, ensuring instant payment to RE generators i.e. on the day of delivery itself.
- **National Load Despatch Centre (NLDC), POSOCO, as the Nodal Agency**, has set up the latest technologies and communication infrastructure for facilitating the Green Day Ahead Market.

How does the portal work?

- The Green Day-ahead market **will operate in an integrated way with the conventional day-ahead market.**

- The Exchanges will **offer the market participants to submit bids together for both conventional and renewable energy** through the separate bidding windows.
- The **clearance will take place in a sequential manner** – renewable energy bids will be cleared first in accordance with the must run status of the renewables, followed by conventional segment.
- This mechanism will allow renewable energy sellers to subsequently bid in the conventional segment should their bids remain uncleared in the green market.
- There will be separate price discoveries for both the conventional and renewables.