



Green Energy Open Access Rules 2022

For Prelims: [Renewable Energy](#), [Green Energy](#), [NDC](#), [Green Hydrogen](#).

For Mains: Green Energy Open Access Rules 2022.

Why in News?

Ministry of Power & NRE (New and Renewable Energy), Government of India has chaired a meeting on **Green Energy Open Access Rules 2022**.

What are Green Energy Open Access Rules 2022?

▪ About:

- In 2022, the Government had notified **Electricity (Promoting Renewable Energy Through Green Energy Open Access) Rules, 2022** in order to further accelerate India's ambitious [Renewable Energy](#) programmes, with the objective of ensuring access to affordable, reliable, sustainable and [Green Energy](#) for all.
- It aims to cut emissions by 45% in line with **India's updated NDC (Nationally Determined Contributions) target for 2030**.
- These rules are notified for **promoting generation, purchase and consumption of green energy including** the energy from Waste-to-Energy plants.

▪ Key Features:

- There would be a uniform **Renewable Purchase Obligation (RPO)**. Green Hydrogen/Green Ammonia has also been included for fulfillment of its RPO.
- Green Open Access would be allowed to any **Open Access Consumer**.
- The Green Open Access is allowed to any consumer and the limit of Open Access Transaction **has been reduced from 1 MW to 100 kW for green energy, to enable small consumers** also to purchase renewable power through open access.
- The transaction limit would be a minimum of 100 KW for non-**captive consumers**, but there is no limit for open-access transactions that has been kept for captive consumers.
 - **Captive Consumers** are individuals who have limited or no choice but to purchase a **particular product or service due to various factors**, such as market conditions, lack of alternatives, or contractual obligations.
- Consumers are **entitled to demand supply of Green Power from Discoms**. Discoms would be obligated to procure and supply green power to eligible consumers.
- Approval for Green Open Access is to be granted in 15 days or else it will be deemed to have been granted.
- **Commercial and Industrial consumers are allowed to purchase green power** on a voluntary basis.
- Consumers will be given **Green Certificates if they consume green power and will also be facilitated**.

▪ Significance:

- The move is expected to prompt **smaller industries, commercial consumers, and large households to shift towards green energy**.

- India added 1.2 GW of **solar open access installations in 2021**, which grew by 22 % to 513 MW during January-March 2022.
- Hence, Green Open Access Rules 2022 are believed to be a huge steppingstone towards achieving **India's commitment to 500 GW of non-fossil fuel energy by 2030**.

What are the Other Initiatives Related to Green Energy Transition?

- [Pradhan Mantri Sahaj Bijli Har Ghar Yojana \(SAUBHAGYA\)](#)
- [Green Energy Corridor \(GEC\)](#)
- [National Smart Grid Mission \(NSGM\) and Smart Meter National Programme](#)
- [Faster Adoption and Manufacturing of \(Hybrid &\) Electric Vehicles \(FAME\)](#)
- [International Solar Alliance \(ISA\)](#)
- [PM- KUSUM \(Pradhan Mantri-Kisan Urja Suraksha evam Utthaan Mahabhiyan\)](#)

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