



National Energy Conservation Day

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Why in News

The National Energy Conservation Day is organized every year on 14th December by the **Bureau of Energy Efficiency (BEE)**.

- It **aims** to showcase India's achievements in energy efficiency and conservation while working for its ambition of holistic development as part of the nation's overall effort towards climate change mitigation.
- BEE is observing **National Energy Conservation Week** from 9th to 14th December 2019 in order to drive mass awareness about the importance of energy efficiency and conservation.
- In order to realize the development goals, **India's energy demand is expected to double between 2013 and 2030, to approximately 1500 million tons** of oil equivalent.
- The **mission of BEE** is to assist in developing policies and strategies that will help reduce this energy demand by promoting widespread adoption of energy efficiency measures.

National Energy Conservation Awards Programme

- It recognizes the **energy efficiency achievements in 56 sub-sectors** across industry, establishments and institutions.
- Ministry of Power is implementing various policies and schemes viz The Perform, Achieve and Trade (**PAT**) **Scheme, Standard and Labelling** and **Demand Side Management**. These programmes are helpful in achieving significant energy savings and also, in promotion of the efficient use of energy across society.

- Furthermore, the development of **Energy Conservation Guidelines** and **State Energy Efficiency Preparedness Index** are complemented within different sectors of Industries and States for implementing energy efficiency programmes more effectively. **Energy Conservation Building Codes** for the residential sector is also being developed for curtailing the rising energy demand of the country.

Perform, Achieve and Trade Scheme

- It is a market-based mechanism to further accelerate as well as incentivize energy efficiency in the large energy-intensive industries.
- The scheme provides the option to trade any additional certified energy savings with other designated consumers to comply with the Specific Energy Consumption reduction targets.
- The **Energy Savings Certificates (ESCerts)** so issued will be tradable on special trading platforms to be created in the two power exchanges -- Indian Energy Exchange and Power Exchange India.
- The scheme is unique in many ways, particularly from a developing country's perspective since it creates a market for energy efficiency through tradable certificates ESCerts, by allowing them to be used for meeting energy reduction targets.

Source: PIB