



## National Energy Conservation Awards

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### Why in News

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Recently, **the Ministry of Power**, in association with the **Bureau of Energy Efficiency (BEE)**, organised the **30<sup>th</sup> National Energy Conservation Awards (NECA)** function.

During the event, the **Standards and Labelling Programme for Air Compressors and Ultra High Definition (UHD) TV** on voluntary basis was initiated and **SATHEE Portal** was also launched.

### Key Points

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#### **National Energy Conservation Awards Programme:**

- The **Ministry of Power** had launched a scheme in 1991, to give **national recognition** through awards to industries and establishments that have taken **special efforts to reduce energy consumption** while maintaining their production.
  - The awards were given away for the **first time on 14<sup>th</sup> December, 1991**, which was declared as the **'The National Energy Conservation Day'**.
- It recognizes the energy efficiency achievements in **56 sub-sectors across industry, establishments and institutions.**
- During the award ceremony, it was specifically mentioned that the impact of **PAT Cycle II** achieved **emission reduction of 61 million ton of CO<sub>2</sub>.**

### **The Perform, Achieve and Trade (PAT) Scheme**

- It is a **market-based mechanism** to further accelerate as well as incentivize energy efficiency in the large energy-intensive industries.
- It **provides the option to trade any additional certified energy savings** with other designated consumers to comply with the Specific Energy Consumption reduction targets.

- It is **being implemented by BEE**, as a “flag bearer” which has not only demonstrated its promise in the country but also has found interest among many other countries.
- **Standards and Labelling Programme for Air Compressors and Ultra High Definition (UHD) TV:**
  - It is to be carried out on a **voluntary basis**.
  - They are aimed to **further enhance the level of energy conservation**. This conserved energy can then be used for a different purpose in the home or workplace.
  - Besides saving energy, this programme could also **facilitate reducing energy bills**.
- **SATHEE Portal:**

The Bureau of Energy Efficiency (BEE) has developed a **Management Information System (MIS) portal** namely **State-wise Actions on Annual Targets and Headways on Energy Efficiency (SAATHEE)**.

  - **For SDAs:** It is a portal for the **State Designated Agency (SDA)** for state level activities.
  - **Captures Status of Energy Efficiency:** It will be useful in capturing the physical and financial status/ progress of Energy Efficiency activities being implemented by States/ UTs across the country. Thus, it will **facilitate Real Time Monitoring**.
  - **Streamlines Decision Making and Compliance:** It will also help in decision making, coordination, control, analysis, and implementation and enforcement of the compliance process for various energy consumers at the pan India level.
- **Targets in Energy Efficiency:**
  - India has **one of the lowest per capita emissions and per capita energy consumption**. Despite this the country has made ambitious commitments to meet the global challenge posed by climate change.
    - India **has a target to reduce the emission intensity to 33-35% by 2030** compared to 2005 level, as part of commitments made during **COP 21**.
  - The Prime Minister’s vision aims at a climate mitigation goal, with a **target for renewable energy capacity to be increased to 450 GW by 2030**.
- **Initiatives Aimed at Energy Energy Conservation:**

The **Perform, Achieve and Trade (PAT) Scheme, Standard and Labelling and Demand Side Management, Energy Conservation Building Code**, etc.

**Note:**

- **SATHI (Sophisticated Analytical & Technical Help Institutes):**
  - It is an initiative of the **Department of Science & Technology (Ministry of Science and Technology)**.
  - Objective: To provide a shared, professionally managed services and strong Science and Technology infrastructure/facilities, to service the demands of faculty, researchers, etc., to enable them to carry out R&D activities on a round the clock basis with minimum downtime.
- **SAATHI (Sustainable and Accelerated Adoption of efficient Textile technologies to Help Small Industries) Initiative:**
  - It is an **initiative of the Ministry of Textiles**.
  - **Objective:** To sustain and accelerate the adoption of **energy efficient textile technologies** in the powerloom sector and cost savings due to use of such technology.
- **SATH (Sustainable Action for Transforming Human capital) Program:**
  - It is a **program of NITI Aayog**.
  - **Objective:** To initiate transformation in the education and health sectors and build 3 future 'role model' states.

**Source: PIB**