

NATIONAL MISSION FOR ENHANCED ENERGY EFFICIENCY

Relevant for: Developmental Issues | Topic: Government policies & interventions for development in various Sectors and issues arising out of their design & implementation incl. Housing

National Mission for Enhanced Energy Efficiency (NMEEE) consists of four initiatives to enhance energy efficiency in energy intensive industries which are as follows:

Bachat Lamp Yojna (BLY): The programme was developed for replacement of inefficient bulbs with Compact Fluorescent Lamps (CFLs). The details of number of bulbs replaced with CFL and energy saved are as follows:-

No. Of bulbs replaced with CFL

Energy saved

29 million

3.598 Billion Units / per year

Super-Efficient Equipment Program (SEEP): This programme was designed for market transformation of super-efficient appliances by providing financial stimulus innovatively at critical point/s of interventions.

PAT Cycle-III commenced with effect from 1st April 2017 and got completed on 31st March, 2020. PAT Cycle -III sought to achieve an overall energy consumption reduction of 1.06 MTOE for which targets had been notified to 116 Designated Consumers (DCs) from six sectors viz. Thermal Power Plant, Cement, Aluminium, Pulp & Paper, Iron & Steel and Textile. Next step is verification of actual energy saving.

PAT Cycle-IV commenced with effect from 1st April 2018. A total of 106 DCs with an estimated energy consumption reduction target of 0.6998 million tonnes of oil equivalent were notified. These DCs were from 8 sectors consisting of 6 existing sectors of PAT Cycle -I and two new sectors namely Petrochemicals and Commercial Buildings (Hotels). The assessment year of

these DCs has been affected by the outbreak of the Pandemic due to COVID -19 and thus their assessment of performance has not commenced.

PAT Cycle-VI had commenced with effect from 1st April 2020. Under PAT Cycle-VI, 135 DCs from six sectors, i.e. Cement, Commercial buildings (hotels), Iron and Steel, Petroleum Refinery, Pulp and Paper and Textiles, were notified. With implementation of PAT Cycle-VI, it is targeted to achieve a total energy savings of 1.276 MTOE. These 135 DCs are under process of implementation of various energy efficiency measures to meet their notified targets.

This information was given by Shri R.K. Singh, Union Minister for Power and New and Renewable Energy in a written reply in Rajya Sabha today.

MV/IG

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