

## Workshop on PAT Cycle-II for Petroleum Refineries

*Organized by Bureau of Energy Efficiency (BEE, Ministry of Power, Government of India)*

### Brief Overview

India has 22 refineries with seventeen in the public sector, three in the private sector and two as joint ventures. The total refining capacity available in the country as on March 2014 stands at 215.06 MMTPA. The public sector contributes approx. 56% of the total refining capacity whereas the three private companies are responsible for 37% of the total refining capacity of India.

In exercise of the powers conferred by the clause (e) of section 14 of the Energy Conservation Act, 2001 (52 of 2001), the Central Government has issued Statutory Order No. 3542(E) dated 29th December 2015 for notification of Designated Consumers in the three new sectors. As per the Statutory Order, petroleum refinery units having energy consumption of 90,000 metric tonne of oil equivalent (MTOE) per year or above are notified as Designated Consumers. A total of 18 refineries will be covered under the PAT Cycle-II.

The second cycle of Perform Achieve and Trade (PAT) Scheme is started from 1<sup>st</sup> April 2016. According to the clause (g) and (n) of section 14 of the Energy Conservation Act, 2001 (52 of 2001), the Central Government, in consultation with the Bureau of Energy Efficiency, has notified the energy consumption norms and standards for the period from 1st April 2016 to 31st March 2019 for the Designated Consumers of 11 sectors including Petroleum Refineries vide Statutory Order 1264(E) dated 31st March 2016.

### Objective of this Workshop

The proposed workshop has been organized to make interactions with the Designated Consumers of Petroleum Refineries. The aim of the workshop is to inform the notified targets and to discuss the future steps to be followed by the Designated Consumers under the PAT Cycle-II. The key issues to be discussed during workshop with the Designated Consumers, post notification of the individual targets are:

- a) Individual targets for Refineries
- b) Data verification
- c) Normalization factors
- d) Appointment of Energy Manager
- e) Filling of energy return
- f) Filling of Performa

### The Audience

The Workshop will bring together the key stakeholders from:

1. Ministry of Petroleum and Natural Gas (MoPNG)
2. Centre for High Technology (CHT)
3. Managing Director/ Executive Directors, Energy Managers and Head of ENCON Cells of all refineries
4. PCRA
5. Ministry of Power

## Tentative Agenda

**Date:** 12<sup>th</sup> May 2016

**Venue:** Gulmohar Hall, India Habitat Centre, Lodhi Road, Near Airforce Bal Bharati School,  
New Delhi-110003

<b>9:30-10:00</b>	<b>Registration</b>
<b>10:00-10:10</b>	Welcome Address by Energy Economist, BEE
<b>10:10-10:25</b>	Address by Executive Director, Centre for High Technology
<b>10:25-10:35</b>	Address by Joint Secretary (Energy Conservation) Ministry of Power
<b>10:35-10:45</b>	Address by Joint Secretary(Refineries) Ministry of Petroleum and Natural Gas (MoPNG)
<b>10:45-10:55</b>	Inaugural Address by Additional Secretary(Power) & Director General, BEE
<b>10:55-11:10</b>	Vote of Thanks by Energy Economist, BEE
<b>11:10-11:30</b>	Tea Break
<b>Technical Session 1</b>	
<b>11:30- 13:00</b>	<b>Session Chairman: Executive Director, CHT</b> Presentation 1: Overview of PAT Scheme, PAT rules and outcomes of PAT Cycle-II, by BEE
	Presentation 2: Energy reduction targets for Refineries and their obligations under PAT Cycle-II, by BEE
	Presentation 3: Outcomes of Data Verification Process and Performa for PAT Cycle-II, by CHT
<b>13:00 - 14:00</b>	Lunch Break
<b>Technical session 2</b>	
<b>14:00 - 15:30</b>	<b>Session Chairman: Energy Economist, BEE</b> Presentation 1: Analysis of the notified targets for the Petroleum Refinery, by CHT
	Presentation 2: Normalization factors for Petroleum Refineries, by GIZ
	Presentation 3: Activity Plan for Petroleum refineries, by BEE
<b>15:30-16:00</b>	Tea/ Coffee break
<b>Open house discussion</b>	
<b>16:00-17:00</b>	Open House discussion chaired by Executive Director, CHT
<b>17:00-17:15</b>	Vote of Thanks by Energy Economist, BEE