

Sectors	Minimum Annual Energy Consumption [Threshold] in Metric Tonne of Oil Equivalent (toe)	Reference Notifications
Aluminium	7500	S.O. 394 (E) dated 12th March 2007
Chlor-Alkali	12000	
Fertilizer	30000	
Textile	3000	
Thermal Power Plant	30000	
Cement	30000	
Cement Grinding Units	10000	S.O. 2147(E) dated 17th June 2020
Iron & Steel	20000	S.O. 394 (E) dated 12th March 2007 amended vide S.O.968(E) dated 22nd February 2019
Paper & Pulp	20000	
Petroleum Refinery	90000	S.O. 394 (E) dated 12th March 2007 amended vide S.O. 3542 (E) dated 29th December 2015 (Annexure 4B)
Electricity Distribution Companies (DISCOMs)*	86000	
Railways#		S.O. 394 (E) dated 12th March 2007 amended vide S.O. 3542 (E) dated 29th December 2015 (Annexure 4B), amended vide S.O. 2022(E) dated 8th June, 2016 and S.O. 2147(E) dated 17th June 2020
(a) All Zonal Railways (Traction)	70000	
(b) Workshops	750	
Petrochemical (Gas Crackers and Naphtha Crackers)	100000	S.O. 3600 (E) dated 15th November 2017 (Annexure 4D)
Hotels (under Commercial Buildings or Establishments)	500	S.O.1388 (E) dated 2nd May 2017 (Annexure 4C) amended vide S.O.968(E) dated 22nd February 2019
Airports (under Commercial Buildings or Establishments)	500	S.O. 2147(E) dated 17th June 2020
<p>* Energy consumption of DISCOMs shall be considered equivalent to the total of Aggregate Technical & Commercial (AT&C) losses, which is equivalent to 1000 million kWh.</p> <p># The notification for eight production units of Railways is done by their name.</p>		

Table 1: Industry wise Threshold for Notification of Designated Consumers (DCs)

PURPOSE
This user manual is prepared to enlist the activities to be taken up by SDA and SERC for smooth implementation of the PAT Scheme in the country. This user manual will standardize and simplify the procedure to be followed by SDA and SERC under the EC Act and PAT requirements.
SCOPE
This user manual is applicable to the State Development Agency (SDA) and State Electricity Regulatory Commission (SERC) only. These user manuals covers the detailed list of activities to be taken up by SDA and SERC as defined under EC Act and PAT Notification.