

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.2700
ANSWERED ON 24.03.2025

ACHIEVEMENTS UNDER PAT SCHEME

2700 SHRI SANJAY SETH:

Will the Minister of **POWER** be pleased to state:

- (a) the sector-wise details of the energy conservation targets and cumulative energy savings which have been achieved under the Perform Achieve and Trade (PAT) Scheme since its inception;
- (b) the sector-wise details of the economic impact of the PAT Scheme on industries in terms of cost savings and enhanced competitiveness;
- (c) steps taken to provide technical and financial support to industries participating in the PAT Scheme to adopt energy-efficient technologies; and
- (d) whether Government is considering to expand the scope of the PAT Scheme to include additional sectors or industries, such as agriculture or transportation, if so, the details thereof?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) & (b) : The PAT Scheme was launched in 2012, and as of FY 2024, a total of 1,333 units across 13 energy-intensive sectors have been covered. This program has saved 27.07 Million Ton of Oil Equivalent (MTOE) energy and encouraged investment of about ₹75,000 crores in energy efficient technologies and related measures.

The sector wise details of energy target and savings are given below:

Sl. NO.	Sector Name	Energy Saving Target in MTOE	Achieved Savings in MTOE	Monetary Savings in Rs. crores
1	Aluminium	1.057	2.138	4806
2	Cement	2.183	3.474	7006
3	Chlor and Alkali	0.161	0.230	505
4	Fertilizer	0.924	1.163	1998
5	Iron & Steel	4.618	6.168	12939
6	Paper & Pulp	0.297	0.650	1328
7	Textile	0.234	0.328	666

8	Power (Thermal)	7.138	7.726	15807
9	DISCOM	4.675	2.423	7231
10	Refinery	2.267	2.261	5150
11	Railways	0.077	0.196	585
12	Petrochemical	0.230	0.284	380
13	Building	0.009	0.031	42
Grand Total		23.87	27.07	58444

(c) : The Bureau of Energy Efficiency (BEE) periodically conducts capacity enhancement programs for Designated Consumers through various initiatives, including PAT awareness programs, sector-specific workshops on energy efficient technologies, best practices, energy-efficient approaches, and process optimization. BEE has organised 65 cross sectoral workshops cum awareness programs and 9 sector specific trainings on technology and best practices for the various stakeholders during 2024-25 (till February, 2025).

(d) : Ministry of Power has already issued notification in June 2023 for the addition of 13 new Energy Intensive sectors under PAT Scheme including sectoral energy threshold level, namely Sugar, Chemical, Ceramic, Glass, Zinc, Copper, Dairy, Port trusts, Automobile Assembly Unit, Tyre manufactures, Forging, Foundry and Refractories.

The Baseline Audit of 280 units under newly notified Sugar sector has been completed. Further, the proforma development in Zinc and Copper sector has been completed.
