

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.2955
TO BE ANSWERED ON 12.12.2016

ENERGY CONSERVING STANDARDS FOR INDUSTRIAL PROCESS

2955. SHRI SANJAY SETH:

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

- (a) whether Government has formulated energy conserving standards for industrial processes and plants and if so, the details thereof;
- (b) whether the programmes launched by Government in this regard had set a very modest target *vis-à-vis* actual energy consumption;
- (c) the details of incentives given to industries in this respect;
- (d) whether most of the CPSUs have not participated in such programmes or have adopted such techniques only in peripheral operations instead of core processes; and
- (e) if so, what further steps are being taken in this regard?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES
(SHRI PIYUSH GOYAL)

(a) : Ministry of Power, Government of India, has notified energy consumption norms for energy intensive industrial plants of 11 sectors (Aluminum, Cement, Chlor-Alkali, Fertilizer, Pulp & Paper, Iron & Steel, Textile, Thermal Power Plant, Railways, DISCOMs and Refinery) under Perform, Achieve & Trade (PAT) scheme vide Statutory Order No. 1264(E) dated 31st March 2016. Three new sectors, namely, Railways, DISCOMs and Refinery are included in PAT cycle-II, that started from 1st April 2016.

(b): PAT is designed to reduce the Specific Energy Consumption (SEC) i.e. energy used per unit of production in energy intensive industrial plants. In PAT cycle-I, 478 industrial plants of 8 sectors were given SEC reduction targets aimed to secure 4.05% reduction in the total energy consumption of base year of these industries totaling to an energy saving of 6.686 million tonnes of oil equivalent (MTOE). In PAT cycle-II, energy consumption reduction target of about 6% is given to 621 energy intensive industrial plants of 11 sectors.

(c) : Energy industrial plants overachieving the SEC reduction target are eligible to get Energy Saving Certificates (ESCs) as an incentive. These ESCs are tradable on Power Exchange platform and have a certain value based on the market demand.

(d) & (e) : The Central Public Sector Undertakings (CPSUs) of 11 sectors having an energy consumption more than or equal to the notified threshold value have participated in the PAT scheme.
