

posters, appropriate campaigns for promotion of energy conservation and awareness campaigns on energy efficient products and services.

- (iv) Workshops are conducted at regular intervals to create awareness and disseminate information among various end consumers of energy viz. large, medium and small industries, municipalities, commercial and residential buildings, farmers (agriculture sector), electricity distribution companies, and among energy professionals, accredited/certified energy auditors, energy managers, Designated Consumers, building professionals, architects, Financial Institutions and Energy Service Companies.
- (v) In order to promote use of LED bulbs, EESL has undertaken a campaign called the #ILED The Way campaign, digital platforms and advertisements in national and regional publications, radio, magazines, print advertorials, outdoor media and through deployment of Mobile vans.

As per the recent study commissioned by BEE through an independent agency, the estimated energy saving resulting from energy efficiency programmes during 2017-18 is as under:—

- Electricity savings of 86.1 BUs *i.e.* 7.14% of total electricity consumption of the country; and resulting in cost savings worth INR 41,799.40 crore and reduction in 69.08 Million tonne of CO₂ emissions
- Thermal energy savings of 9.41 Million Tonnes of oil Equivalent resulting in cost savings worth INR 11828.38 crore and reduction in 39.20 Million Tonnes of CO₂ emission
- Total energy savings of 16.62 Million Tonnes of oil Equivalent, *i.e.* 1.97% of total primary energy supply of the country
- Total cost savings worth INR 53,627 crores approximately
- Total reduction in CO₂ emission of around 108 Million Tonnes annually.

EESL has estimated that the National LED programme has resulted in estimated energy savings of 51 billion kWh per year with avoided peak demand of 10,000 MW and estimated GHG emission reduction of 41 million CO₂ per year.

Investment for expansion of power projects by NTPC

1872. SHRI K.R. ARJUNAN: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the NTPC has approved investment for expansion of number of its power projects;

(b) if so, the details thereof;

(c) whether it is also a fact that the NTPC is also focusing to come up with more thermal plants in the coming days across the country; and

(d) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI RAJ KUMAR SINGH): (a) and (b) NTPC has accorded investment approval for the following expansion projects:

Station	State (District)	Investment Approval Date	Approved Cost (₹ crore)
Talcher TPS (2x660 MW)	Odisha (Angul)	08.09.2018	10400.77
Tanda TPS (2x660 MW)	Uttar Pradesh (Ambedkar Nagar)	10.09.2014	10016.10

(c) and (d) The details regarding under construction thermal power projects of NTPC in the country are given in Statement.

Statement

Details of under construction thermal power projects of NTPC in the country

Sl. No.	State	District	Project	Fuel Type	Capacity (MW)
1	2	3	4	5	6
NTPC owned Projects					
1.	Bihar	Patna	Barh-I	Coal	1980
2.	Bihar	Begusarai	Barauni	Coal	500
3.	Chhattisgarh	Raigarh	Lara-I	Coal	800
4.	Jharkhand	Chatra	North Karanpura	Coal	1980
5.	M.P.	Khargone	Khargone	Coal	1320
6.	M.P.	Narsinghpur	Gadarwara-I	Coal	800
7.	Odisha	Sundergarh	Darlipalli-I	Coal	1600
8.	U.P.	Ambedkar Nagar	Tanda-II	Coal	1320
9.	Telangana	Karimnagar	Telangana	Coal	1600
SUB TOTAL					11900

1	2	3	4	5	6
Subsidiary/Joint Venture Projects					
10.	Jharkhand	Ramgarh	Patratu, PVUNL	Coal	2400
11.	Bihar	Aurangabad	Nabinagar, BRBCL	Coal	250
12.	Bihar	Aurangabad	Nabinagar, NPGCPL	Coal	1980
13.	U.P.	Allahabad	Meja, MUNPL	Coal	660
14.	Odisha	Rourkela	Rourkela PP-II	Coal	250
15.	West Bengal	Durgapur	Durgapur Power Project-III	Coal	40
SUB TOTAL					5580
GRAND TOTAL (MW)					17480

Status of the proposed Thermal Power Plants in Bihar

†1873. SHRI RAM NATH THAKUR: Will the Minister of POWER be pleased to state:

(a) the current status of the proposed Thermal Power Plants to be set-up in Bihar;

(b) the details of the time-limit/cost etc. earmarked for the establishment of Thermal Power Plants;

(c) whether it is a fact that there is an excessive delay in the setting-up of these power plants; and

(d) if so, the reasons there for and the efforts being made by Government towards its solution?

THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI RAJ KUMAR SINGH): (a) to (d) The current status of plants already under construction in Bihar with details regarding the Executing Agency, original commissioning schedule, present approved cost and reasons for delay is given in Statement.

† Original notice of the question was received in Hindi.