GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.248
ANSWERED ON 06.08.2015

CONSERVATION OF POWER

†*248. SHRIMATI SANTOSH AHLAWAT:

Will the Minister of POWER
be pleased to state:

(a) the trend of power consumed in the domestic and industrial sector witnessed during the last three years along with the schemes under implementation for Demand Side Management (DSM) including saving/ conservation of electricity;

(b) whether the Government is aware that a significant amount of electricity is being wasted in the domestic sector on account of faulty appliances, leakages and usage of energy inefficient electric devices etc. and if so, the details thereof along with the corrective action taken thereon;

(c) whether any target was fixed for promoting energy efficient appliances and gadgets, conservation and saving of electricity during the 12th Five Year Plan; and

(d) if so, the details thereof along with the action taken in this regard and the achievements made as a result thereof?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) to (d) : A Statement is laid on the Table of the House.

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STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO.248 ANSWERED IN THE LOK SABHA ON 06.08.2015 REGARDING CONSERVATION OF POWER.

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(a) : The trend of power consumed in domestic and industrial sector witnessed during last three years is given below:

Category of consumers	Utilities & Non-Utilities Electricity Consumption (MU)		
	2012-13	2013-14	2014-15
Domestic	183700	202297*	220894@
Industrial	365989	380605*	395221@

Category of consumers	Growth (%)		
	2012-13 over 2011-12	2013-14 over 2012-13	2014-15 over 2013-14
Domestic	7.36	10.12*	9.19@
Industrial	3.89	3.99*	3.84@

(*- Provisional @- Estimated)

The schemes under implementation by the Government for saving/conserving electricity, inter-alia, include:-

(i) Standards, Codes & Labeling for Appliances and Building;

(ii) Demand Side Management {(Agriculture, Municipal & Small and Medium Enterprises (SME)};

(iii) Energy Conservation Awareness, Awards & Painting Competition;

(iv) National Mission for Enhanced Energy Efficiency;

(b) : Use of faulty appliances, leakages and usages of energy inefficient electric devices does result in waste of electricity. However, Government has not undertaken any study to estimate such waste.

(c) & (d) : In the 12th Five Year Plan, 13 appliances are targeted for energy efficiency performance star labels on voluntary basis, 3 additional appliances to be covered under mandatory star labeling regime and energy efficiency upgradation of 7 existing star labelled appliances. The electricity saving target for energy efficient appliances is 13.95 Billion Units (BU). So far, seven appliances have been provided energy efficiency performance star labels on voluntary basis; energy efficiency upgradation has been done for 7 existing appliances, resulting in electricity savings of 8.67 Billion Units (BU).

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.260
ANSWERED ON 06.08.2015

DEMAND OF ELECTRICITY

†*260. SHRI SHARAD TRIPATHI:

Will the Minister of POWER
be pleased to state:

(a) whether the Government has assessed the demand of electricity for the next five years;

(b) if so, the details thereof along with the action being taken by the Government to meet the demand;

(c) whether progress of the power projects is being affected due to paucity of funds and if so, the corrective action taken in this regard; and

(d) other steps being taken to meet the future increase in demand?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) to (d) : A Statement is laid on the Table of the House.

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STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO.260 ANSWERED IN THE LOK SABHA ON 06.08.2015 REGARDING DEMAND OF ELECTRICITY.

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(a) & (b) : As per 18th Electric Power Survey (EPS) Report brought out by Central Electricity Authority, the Electric Energy Requirement (EER) and Annual Peak Electric Load (APEL) of the country for the next five years is given below:

Year	Electrical Energy Requirement (MU)	Annual Peak Electric Load (MW)
2015-16	1257589	183902
2016-17	1354874	199540
2017-18	1450982	214093
2018-19	1552008	229465
2019-20	1660783	246068

Generation capacity addition has been planned to meet the rising demand of electricity in the country. Generation capacity addition target during 12th Five Year Plan (2012-17) is 88,537 MW from conventional sources, in addition, a capacity of 30,000 MW has been planned from Renewable Energy Sources.

(c) : A few generation projects are stalled and progress of few generation projects is slow due to paucity of funds. Various measures to enhance investment in infrastructure including power are being taken by the Government. Some of the measures specific to the power sector are given below:

- Rs.100 crore allocated for preparatory work for a new scheme “Ultra-Modern Super Critical Coal Based Thermal Power Technology,” to promote cleaner, more efficient thermal power.

- The 10 year tax holiday has been extended to the undertakings which begin power generation, distribution and transmission by 31.03.2017 to help investors plan investments better.

- A scheme of financing restructuring of distribution companies was launched with central assistance through a transition finance mechanism to enable restoration of their financial health.

- The National Electricity Fund was constituted in March 2012 to provide interest subsidy on loans disbursed to State power utilities.

- Private sector participation in transmission sector is facilitated by identifying projects for implementation through tariff based competitive bidding.

.....2.

(d) : Some of the measures taken to meet the increased demand of electricity are as under :

- Thrust is being accorded to power generation from renewable energy sources. Government has set a target of 175,000 MW of Renewable Energy by the year 2022.

- Renovation, modernization and life extension of old, inefficient generating units is being carried out to improve efficiency and better availability of generating units.

- Efforts have been made to enhance the supply of domestic coal to power plants.

- Government of India has sanctioned a scheme for utilization of gas based power generation capacity for the years 2015-16 and 2016-17.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2772
ANSWERED ON 06.08.2015

SET UP POWER PLANTS

2772. SHRI M. CHANDRAKASI:

Will the Minister of POWER
be pleased to state:

(a) whether the Government proposes to install thermal power systems of 50-100 MW capacity to meet the needs at District/Block/Tehsil levels;

(b) if so, the details thereof;

(c) whether any R&D was undertaken to improve efficiency & viability of smaller thermal power systems; and

(d) if so, the details thereof?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) to (d) There is no proposal to set up Thermal Power Plants of 50 – 100 MW capacity to meet the needs at District / Block / Tehsil levels.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2775
ANSWERED ON 06.08.2015

REVIEW OF PERFORMANCE OF PRIVATE DISCOMS

†2775. SHRI GAJENDRA SINGH SHEKHAWAT:

Will the Minister of POWER
be pleased to state:

(a) whether the Government has reviewed performance of private power distribution companies;

(b) if so, the details thereof; and

(c) the steps taken by the Government to check exploitation of the consumers by these companies?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) to (c) : Electricity is a concurrent subject and the supply and distribution of electricity falls under the purview of respective State Government/State Power Utility. Government of India acts as a facilitator in supplementing the efforts of States to provide power to consumers in an improved manner.

Appropriate Electricity Regulatory Commissions have been entrusted with the responsibility of overseeing the performance of the distribution licensees. Under the Section 86(1)(i) of the Electricity Act, 2003, the function to be discharged by State Electricity Regulatory Commissions (SERCs), are as quoted below:

"Specify or enforce standards with respect to quality, continuity and reliability of service by licensees"

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2786
ANSWERED ON 06.08.2015

NEW POWER PLANTS

†2786. DR. RAVINDRA KUMAR RAY:
SHRI RABINDRA KUMAR JENA:

Will the Minister of POWER
be pleased to state:

(a) whether the Government/NTPC proposes to set up new power generation plants in the country in collaboration with the State Governments including Jharkhand and Odisha; and

(b) if so, the details thereof?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b) : NTPC has proposed to set up following new power projects in Joint Venture with State Governments:-

S. No.	Project	Collaborating State
1.	Patratu TPS 4000 MW	Jharkhand
2.	Kajra TPP 1320 MW	Bihar

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2795
ANSWERED ON 06.08.2015

LOSS MAKING PSUs

2795. SHRI JYOTIRADITYA M. SCINDIA:

Will the Minister of POWER
be pleased to state:

(a) whether the Government proposes to divest stake in any of the Public Sector Undertakings (PSUs) under Ministry of Power and if so, the details thereof;

(b) the performance of all loss-making PSUs under the Ministry of Power for last three years; and

(c) whether the Government proposes to divest stake in all loss-making PSUs under the Ministry of Power and if so, the details thereof and reasons therefor?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : Yes, Madam.

The Government has approved proposals for Disinvestment in two Power Sector Central Public Sector Undertakings (CPSUs) as shown below :

(i)	National Hydroelectric Power Corporation Ltd. (NHPC)	-	11.36%
(ii)	National Thermal Power Corporation (NTPC)	-	5%

(b) : None of the CPSUs of Ministry of Power has made any loss during the last three financial years.

(c) : The present Disinvestment Policy of the Government is to divest stake in CPSUs which are profit making over the last three financial years.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2810
ANSWERED ON 06.08.2015

ENERGY EFFICIENCY

2810. SHRI ANANDRAO ADSUL:
SHRI SHRIRANG APPA BARNE:
SHRI ADHALRAO PATIL SHIVAJIRAO :

Will the Minister of POWER
be pleased to state:

(a) the details of the initiatives taken by the Government for the conservation of electricity;

(b) whether any mechanism exist to ensure energy efficiency in domestic, agriculture and commercial sector;

(c) if so, the details thereof;

(d) whether the Government has taken any step to conduct energy audit in this regard; and

(e) if so, the details thereof?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : The initiatives taken by the Government for conservation of electricity, inter-alia, are Standards, Codes & labelling for Appliances and Building; Demand Side Management (Agriculture, Municipal & Small and Medium Enterprise (SME)); Energy Conservation Awareness, Awards & Painting Competition; National Mission for Enhanced Energy Efficiency (NMEEE); and Enabling investments in energy efficiency projects on a performance linked repayment business model.

(b) & (c) : The following mechanism exist for promoting energy efficiency in domestic, agriculture and commercial sector:

- Standards and Labelling program for promotion of energy efficiency in household appliances;
- Replacement of inefficient light bulbs with efficient LED bulbs in the household sector under Domestic Efficient Lighting Programme (DELP);
- Design guidelines for Energy Efficient multi-storey residential buildings;
- Labeling of energy efficient Agriculture Pumpsets; and
- Perform, Achieve and Trade (PAT) Scheme for promotion of energy efficiency in Industrial Sector.

(d) & (e) : Government has notified mandatory energy audit of the Designated consumers in industrial sector under PAT Scheme.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2822
ANSWERED ON 06.08.2015

ELECTRIFICATION OF TRIBAL VILLAGES

2822. ADV. JOICE GEORGE:

Will the Minister of POWER
be pleased to state:

(a) whether the Government proposes to electrify all tribal habitats in a time bound manner and if so, the details thereof; and

(b) whether the Government has issued any guidelines/public orders to lay electric lines through the forest for electrifying tribal habitats and if so, the details thereof?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : Under RE component of “Deendayal Upadhyaya Gram Jyoti Yojna” (DDUGJY) approved by Govt. of India in December, 2014, all un-electrified villages/habitations irrespective of population including in tribal areas are covered for electrification as per the guidelines of the scheme. The stipulated period of completion of electrification works is 24 months from the date of award of contract by the respective implementing agencies.

(b) : The concerned distribution company makes the plan to electrify villages/habitations including in tribal areas as per the availability of the nearest feeding point keeping in view the various clearances including right of way, forest clearances etc. The lines and substations are to be laid as per concerned clauses of regulations notified by Central Electricity Authority, Ministry of Power from time to time.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2829
ANSWERED ON 06.08.2015

FEEDER SEGREGATION SCHEME

2829. SHRI DILIPKUMAR MANSUKHLAL GANDHI:

Will the Minister of POWER
be pleased to state:

(a) the details of the feeder segregation scheme launched by the Government;

(b) whether the Government proposes to grant financial assistance to Maharashtra for Gaothan Feeder Separation Scheme (GFSS); and

(c) if so, the details thereof?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : Government of India has approved Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY) with total cost of Rs. 43033 crore in December, 2014 for separation of agriculture and non-agriculture feeders facilitating judicious rostering of supply to agricultural & non-agricultural consumers in the rural areas, strengthening and augmentation of sub-transmission & distribution infrastructure in rural areas, including metering at distribution transformers/feeders/consumers.

(b) & (c) : Government of India grants financial assistance to States under DDUGJY only on the basis of Detailed Project Reports (DPRs) submitted by the respective States. However, Rural Electrification Corporation (REC) sanctioned feeder separation scheme namely Gaothan Feeder Separation in the State of Maharashtra with total loan component of Rs.2123.44 crore during the period 2006-13 and as on date utility has availed disbursement of Rs.1918.45 crore against this scheme from REC.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2835
ANSWERED ON 06.08.2015

POWER GENERATION

†2835. SHRI RAM CHARAN BOHRA:
SHRI PREM DAS RAI:

Will the Minister of POWER
be pleased to state:

(a) whether the Government has assessed the availability of various types of fuel for generation of power;

(b) if so, the details thereof indicating the availability of fuel feedstock including generation capacity and power generated;

(c) whether a number of States have requested supply of additional quantum of coal and gas, if so, the details thereof, State-wise and the present status thereof; and

(d) the steps taken by the Government to ensure adequate supply of fuel to the power plants?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b) : Yes, Madam. As per latest assessment, for the year 2015-16, total coal availability from domestic sources for generation of power has been estimated as 505 MT as per details given below:

S. No.	Coal availability from domestic sources	Figures in Million Tonne
1.	From Coal India Ltd (CIL)	435
2.	From Singareni Collieries Company Limited (SCCL)	38
3.	From Captive mines	32
	Total	505

.....2.

At present, availability of gas for the gas based power plants is about 29 MMSCMD (including supply from e-bid RLNG).

As on 30th June, 2015, the total generating capacity of coal based power plants was 1,67,208 MW and gas based power plants was 21,565 MW (Excluding Liquid based). During the period April-June, 2015, generation from coal/gas based power plants was 205.4 BU and 9.9 BU respectively.

(c) : Supply of coal to coal based power plants including state Gencos is being made as per fuel supply agreement (FSA). However, some of the states i.e. Andhra Pradesh, Maharashtra, Gujarat, Kerala and Delhi have requested Union Government to supply adequate gas for gas based power plants/projects established in the respective States. Government of India has sanctioned a scheme for importing spot RLNG in 2015-16 and 2016-17 for the stranded gas based power plants as well as for plants receiving domestic gas upto the target PLF selected through a reverse e-bidding process. The scheme provides for financial support from PSDF (Power System Development Fund). The outlay for the support from PSDF has been fixed at Rs.7500 Crores (Rs.3500 Crores and Rs.4000 Crores for the year 2015-16 and 2016-17 respectively).

(d) : In order to ensure adequate supply of fuel to the power plants in the country, the following additional steps have been taken by the Government:

(i) Enhanced production of coal by Coal India Limited (CIL), production increased to 494.23 MT in 2014-15, which is 6.8% higher than that during 2013-14. Production has further increased by 11.4% from 1st April 2015 to 14th July 2015.

(ii) Reallocation of 46 coal blocks to power sector through auction/allotment till 31st March, 2015.

(iii) Separate quantity of coal earmarked in e-auction of coal for power sector to address immediate issue for supply of coal.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2837
ANSWERED ON 06.08.2015

SIMHADRI PLANT

2837. SHRI MUTHAMSETTI SRINIVASA RAO (AVANTHI):

Will the Minister of POWER
be pleased to state:

(a) the details of the dedicated power plants established in the States, State-wise;

(b) whether certain dedicated plants are proposed to be established in various States;

(c) if so, the details thereof, State-wise; and

(d) the steps taken by the Government for establishing them in a time bound manner particularly with respect to Andhra Pradesh?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : The details of the dedicated power plants established in the States, State-wise are given at Annex-I.

(b) & (c) : Proposals have been received from various States requesting for allocating entire power from the proposed Central Sector Projects to their States. Details of such proposals are given at Annex-II.

(d) : Government is monitoring the progress of the projects and issues/bottlenecks, if any, are sorted out by discussing with concerned authorities.

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ANNEX-I

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2837 ANSWERED IN THE LOK SABHA ON 06.08.2015.

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DEDICATED POWER PLANTS ESTABLISHED IN VARIOUS STATES

S.No.	State	Name of Plant	Capacity (MW)	Type
1.	Delhi	Badarpur	705	Thermal
2.	UP	Tanda	440	Thermal
3.	Haryana	Faridabad	431	Gas
4.	Rajasthan	Rajasthan Atomic Power Station (RAPP) U-1&2	300	Nuclear
5.	Rajasthan	Barsinghsar Lignite	250	Thermal
6.	J&K	Chutak	44	Hydro
7.	Madhya Pradesh	Omkareshwar	520	Hydro
8.	Madhya Pradesh	Indira Sagar	1000	Hydro
9.	Kerala	Kayamkulam	360	Gas
10.	Tamilnadu	NLC TPS -1	600	Thermal
11.	Andhra Pradesh & Telengana	Simhadri*	1000	Thermal
12.	Odisha	Talcher TPS	460	Thermal
13.	West Bengal	Teesta Low dam	120	Hydro
14.	Bihar	Kanti TPS	220	Thermal

* Simhadri (1000MW) was earlier dedicated station for undivided Andhra Pradesh. After bifurcation of State into Andhra Pradesh and Telangana power is being shared in the ratio of 46.11% : 53.89%.

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ANNEX-II

ANNEX REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 2837 ANSWERED IN THE LOK SABHA ON 06.08.2015.

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PROPOSALS RECEIVED FROM STATES REQUESTING FOR ALLOCATING ENTIRE POWER FROM THE PROPOSED CENTRAL SECTOR PROJECTS

S. No.	Name of Project / Developer	State	Capacity (MW)
1	Pirpainti TPP	Bihar	2x660
2	Buxar TPP	Bihar	2x660
3	Lakhisarai TPP	Bihar	2x660
4	Bithnok Thermal power Project	Rajasthan	1x250
5	Barsingsar Thermal Extension Power Project	Rajasthan	1x250
6	Power Plant by NTPC in Telangana	Telangana	4000
7.	Salka Thermal Power project	Chhattisgarh	2x660

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2888
ANSWERED ON 06.08.2015

DETAILS OF EXPENDITURE OF NTPC

†2888. SHRI KESHAV PRASAD MAURYA:

Will the Minister of POWER
be pleased to state:

(a) the details of expenditure incurred by National Thermal Power Corporation Limited (NTPC) under Corporate Social Responsibility during the last three years, year-wise;

(b) whether any complaints of corruption in the expenditure incurred have been reported; and

(c) if so, the details thereof along with action taken thereon?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : The expenditure incurred by National Thermal Power Corporation Limited (NTPC) under Corporate Social Responsibility during the last three years are as under:

SN	Financial Year	Amount Spent under CSR (Rs. Cr)
1	2012-13	69.24
2	2013-14	128.35*
3	2014-15	205.18*

*Including Sustainable Development activities

(b) : No Madam.

(c) : In view of the (b) above, question doesn't arise.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2897
ANSWERED ON 06.08.2015

POWER GENERATION CAPACITY

†2897. SHRIMATI SAKUNTALA LAGURI:
SHRI CHANDRAKANT KHAIRE:
SHRI C. R. CHAUDHARY:
SHRI LAXMI NARAYAN YADAV:

Will the Minister of POWER
be pleased to state:

(a) the details of the private companies in power generation along with their Generation Capacity;

(b) whether the Government have entered into any agreement with such private sector power generation companies;

(c) if so, the details thereof;

(d) whether the power generation from these companies have benefited the consumers; and

(e) if so, the details thereof?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : The details of private companies in power generation along with their installed capacity is enclosed as Annex-I.

(b) & (c) : The State Governments generally enter into the power purchase agreement with the private sector power companies to meet their anticipated demand.

(d) & (e) : The power generation from these Private companies were scheduled as per the requirement/demand given by state Discoms for the benefit of the state to meet their demand. The generation from these Pvt. Companies located in respective state is enclosed as Annex-II.

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ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2897 ANSWERED IN THE LOK SABHA ON 06.08.2015.

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ALL INDIA INSTALLED CAPACITY OF PRIVATE SECTOR POWER GENERATING STATIONS as on 30.06.2015

State	Prime Mover	Developer	Name of Project	Total Installed Capacity MW
Andhra Pradesh	Diesel	L.V.S. Power Corpn.	L.V.S.Diesel Power Station	36.8
	GT-Gas	BSES	Gautami C C P P	464
			Konaseema C C P P	445
			Peddapuram Gas Power Station	220
			Vijeshwaram Gas Power Station	272
		GMR Power Corp. Pvt Ltd	Tanir Bavi Gas Power Station	220
		GVK Ind	Jegrupadu Gas Power Station	455.4
		LANCO	Kondapalli Gas Power Station	350
			Lanko Kondapalli Gas Power Station	366
		SPGL (Spectrum)	Godavari Gas Power Station	208
		Vemagiri Power Corp.	Vemagiri ,CCPP	370
	Steam	Minakshi Energy P L	Thamminapatnam T P P	300
		Simhapuri Energy P L	Simhapuri PH-II	150
			Simhapuri T P P	450
		THERMAL POWER TECH CORP. LTD.	PAINAMPURAM TPP U-1	660
Andhra Pradesh Total				4967.2
Assam	GT-Gas	DLF Power Co.	Adamtilla Gas Power Station	9
			Baskhandi Gas Power Station	15.5
Assam Total				24.5
Chhattisgarh	Steam	ACB (INDIA)LTD	Chakabura TPP	60
			Kasaipalli TPP	270
			SWASTIK KORBA	25
		BALCO	Balco TPP	300
		DB Power	Badadarha	1200
		GMR	RAIKHERA TPP U-1	685
		JPL	Tamnar TPP	600
		Korba West Pvt Ltd	Arantha Bhandar TPP	600
		KSK Mahanadi Power Company Ltd	Akaltara (Nariyana), TPP	1200
		M/s Lanko Amarkantak Ltd,	Lanko Amarkantak T P S PATHAD	600
		M/s O.P.Jindal	Raigarh Thermal Power Station	1000
			Tamnar TPP	1800
		Maruti Power Limited	Bandakhar TPP	300
		S V Power Ltd	SVPL TPP	63
		Spectrem Coal & Power Ltd.	Ratija T P S	50
		Vandana Energy & Steel	Katghora TPP	35
		Vandana Vidhyut Ltd	Salora TPP	135
Chhattisgarh Total				8923
Delhi	GT-Gas	NDPL	Rithala CCPP	108
Delhi Total				108
Goa	GT-Gas	Reliance Salgaocar	Salgaocar Gas Power Station GOA (GT)	48
Goa Total				48
Gujarat	GT-Gas	ESSAR Pvt.	Essar Gas Power Station	515
		GIPCL	Baroda Gas Power Station	160
		GTE Corp.	Peguthan Gas Power Station	655
		M/s Torrent Energy	DGEN Mega CCPP	1200
		Torrent Power Generation Ltd,.	Sugen C C P P	1147.5
			Unosugen C C P P	382.5
			Vatva Gas Power Station	100
	Steam	Adani Power Ltd.	Mundra T P S	4620
		Essar Gujarat	Salaya T PP	1200
		GIPCL	Surat Lignite Thermal Power Station	500
		Tata Power (CGPL)	Mundra U M P P	4000
		Torrent Power Generation Ltd,.	Sabarmati Thermal Power Station	422
Gujarat Total				14902
Haryana	Steam	CHINA LIGHT POWER	Mahatma Gandhi T P P	1320
Haryana Total				1320

Himachal Pradesh	Hydro	A.D.Hy Power Ltd.	Allian Duhangan H E P	192
		Jaypee Karcham Hy Cor. Ltd.	Karcham Wangto H E P	1000
		JPPVL(Jai Prakash)	BASPA Hydro Power Station	300
		Lanco Budhil PPvt	Budhil H E P	70
		Malana P.Co.Ltd.	Malana Hydro Power Station	86
			Malana Hydro Power Station-II	100
Himachal Pradesh Total				1748
Jharkhand	Steam	Adhunik Power&Natural Resources Ltd	Mahadev Prasad S T P P	540
		R.B.Maithon PowerrLtd	Maithon R B TPP	1050
		TATA Power Co.	Jojobera Thermal Power Station	360
Jharkhand Total				1950
Karnataka	Diesel	ShrirayalseemaAlkalies & Allied Chemical	Bellary Diesel Power Station	25.2
		TATA Power Co Ltd.	Belguam Diesel Power Station (Tata)	81.3
	Steam	Jindal (Pvt Co)	Torangallu Thermal Power Station	860
		Udipi Power Corp,Ltd	Udipi Thermal Power Station	1200
Karnataka Total				2166.5
Kerala	GT-Gas	BSES Pvt.Co.	Cochin Gas Power Station	174
Kerala Total				174
Madhya Pradesh	Steam	BLA Pvt Limited	Niwari Thermal Power Station	45
		BPSCL	BINA Thermal Power Station	500
		ESSAR power	Mahan Thermal Power Station	600
		Jaipraksh Power Venture Ltd	Nigri	1320
		MB Power	Anuppur TPP	600
		Reliance Power Ltd	Sasan U M P P	3960
Madhya Pradesh Total				7025
Maharashtra	GT-Gas	TATA Power Co.	Trombay Gas Power Station	180
	Hydro	TATA P. CO Ltd	Bhira Hydro Power Station	150
			Bhira Hydro Power Station PSS	150
			Bhivpuri Hydro Power Station	75
			Khopoli Hydro Power Station	72
	Steam	Abhijeetb MADC Nagpur Enery P L	Mihan TPP	246
		Adani Power Maharashtra Ltd	Tirora TPP	3300
		BSES Pvt.	Dhanu Thermal Power Station	500
		Dhariwal Infrastructure	Dhariwal TPP	600
		GMR emco ENERGY ltd	EMCO Warora TPP	600
		Gupta Energy P L	G E P L TPP	120
		Ideal Energy Projects Ltd.	Bela Thermal power Station	270
		Indianbulls Power ltd.	Amarvati Thermal Power Station	540
			Nasik Thermal Power Station	270
		JSW Energy(Ratnagiri)	JSW Energy T P P (Ratnagiri)	1200
		Ratan Power	Amarvati TPP	540
		Rattan India Power Ltd	Amarvati Thermal Power Station	270
		TATA Power Co.	Trombay Thermal Power Station	1400
		Vidarbha Industries Ltd	Butibori T P P	600
		Wardha P C P L	Wardha Warora TPP	540
Maharashtra Total				11623
Odisha	Steam	GMR	GMR (Kamalanga)TPP	700
			Sterlite (Jharsuguda)TPP	350
		JIPL	DERANG	1200
		Sterlite Energy Ltd	Sterlite (Jharsuguda)TPP	2400
Odisha Total				4650
Punjab	Steam	L&T Power Development LTD(Nabha)	Nabhan TPP (Rajpura TPP)	700
		Nabha Power Development Ltd.	Nabhan TPP (Rajpura TPP)	700
		Talwandi Sabo Power Limited	Talwandi Sabo TPP	660
Punjab Total				2060
Rajasthan	Steam	Adani Power Ltd.	Kawai TPP	1320
		JSW Rajwest Power Ltd	Jalipa Kapurdi Lignite TPP	1080
Rajasthan Total				2400
Sikkim	Hydro	GATI INFRASTRUCTURE LTD	Chujachen HEP	99
Sikkim Total				99

Tamil Nadu	Diesel	GMR Power Corp. Pvt Ltd	Basin Bridge Diesel Power Station	200
		Madurai P C L	Samayanallur Diesel Power Station	106.001
		Samalpatti Power Co.	Samalpatti Gas Power Station	105.658
	GT-Gas	Aban Power Co.Ltd.,	Karuppur CCGT	70
			Karuppur CCGT(Waste Heat Steam)	49.8
		PENNA Electric Ltd.	Valentharvy GPS	52.8
		PPN Power Co.Ltd.	Pillaiperumalanallur Gas Power Station	330.5
	Steam	Coastal Energy	Mutiara TPP	600
		Ind barath	Ind barath Tuticorin	300
		St CMS Electric Company	Neyvelil Thermal Power Station	250
Tamil Nadu Total				2064.759
Uttar Pradesh	Steam	Bajaj Power Co	Barkhera Thermal Power Station	90
			Khamberkhera Thermal Power Station	90
			Kundarki Thermal Power Station	90
			Maqsoodpur Thermal Power Station	90
			Utraula Thermal Power Station	90
		Lanko Anpara Pow Ltd	Anpara 'C'Thermal Power Station	1200
		Rosa Power Supply Co	Rosa Thermal Power Station	1200
Uttar Pradesh Total				2850
Uttarakhand	Hydro	AHPCL	Srinagar HEP	330
		JPPVL(Jai Prakash)	Vishnu Prayag Hydro Power Station	400
Uttarakhand Total				730
West Bengal	Steam	C.E.S.C. Pvt.	Budge-Budge Thermal Power Station	750
			New Cossipore Thermal Power Station	160
			Southern Replacement T P S	135
			Titagarh Thermal Power Station	240
		Dishergarh Pvt.	Chinakuri Thermal Power Station	30
			Dishergarh Thermal Power Station	18
			Seebpore Thermal Power Station	8.375
		M/s Haldia Energy Limited	Haldia TPP	600
West Bengal Total				1941.375
			Grand Total	71774.334

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ANNEX-II

ANNEX REFERRED TO IN REPLY TO PARTS (d) & (e) OF UNSTARRED QUESTION NO. 2897 ANSWERED IN THE LOK SABHA ON 06.08.2015.

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Station wise Generation for 2015-16 and 2014-15 for private power company

Region	State	Name of Utility	NAME OF THE STATION	Generation in MU	
				2015-16 (up to June 15)*	2014-15
NR	DELHI	NDPL	RITHALA CCPP	0	0
	DELHI Total			0	0
	HARYANA	JhPL(HR)	MAHATMA GANDHI TPS	1462.54	6537.48
	HARYANA Total			1462.54	6537.48
	HIMACHAL PRADESH	ADHPL	ALLAIN DUHANGAN HPS	268.13	677.78
		E.P.P.L.	MALANA-II HPS	120.39	250.41
		HSPCL	SORANG HPS	0	0
		JHPL	BASPA HPS	429.79	1252.58
		JKHPCL	KARCHAM WANGTOO HPS	1687.49	4240.43
		LGPPL	BUDHIL HPS	95.89	235.83
		MPCL	MALANA HPS	112.19	328.43
	HIMACHAL PRADESH Total			2713.88	6985.46
	PUNJAB	GVKP&IL	GOINDWAL SAHIB	0	0
		NPL	RAJPURA TPP	1607.75	5727.31
		SEL	TALWANDI SABO TPP	420.97	1522.7
	PUNJAB Total			2028.72	7250.01
	RAJASTHAN	APL	KAWAI TPS	1940.81	7866.36
		RWPL (JSW)	JALIPA KAPURDI TPP	1681.37	7351.81
	RAJASTHAN Total			3622.18	15218.17
	UTTAR PRADESH	BEPL	BARKHERA TPS	115.17	561.95
			KHAMBARKHERA TPS	116.86	527.56
			KUNDARKI TPS	126.82	536.81
			MAQSOODPUR TPS	113.51	527.59
			UTRAULA TPS	105.63	539.18
		LANCO	ANPARA C TPS	2226.09	8340.24
		RPSCL	ROSA TPP Ph-I	2141.26	8591.61
	UTTAR PRADESH Total			4945.34	19624.94
	UTTARAKHAND	GVKP&IL	SRINAGAR HPS	0	0
		JPPVL	VISHNU PRAYAG HPS	586.82	1815.94
	UTTARAKHAND Total			586.82	1815.94
NR Total				15359.48	57432
WR	CHHATTISGARH	ACB	CHAKABURA TPP	53.92	223.09
			KASAIPALLI TPP	495.67	1774.95
			SWASTIK KORBA TPP	0	0
		BALCO	BALCO TPS	33.48	0
		DBPCL	BARADARHA TPS	1.88	292.36
		GCEL	RAIKHEDA TPP	51.05	21.65
		JPL	OP JINDAL TPS	974.95	8112.66
			TAMNAR TPP	910.95	2409.79
		KWPCL	AVANTHA BHANDAR	0	0
		LANCO	PATHADI TPP	532.59	2239.46
		SCPL	RATIJA TPS	25.54	268.94
		SVPPL	SVPL TPP	0	0
		VESPL	KATGHORA TPP	0	0
		VVL	SALORA TPP	0	137.12
		WPCL	AKALTARA TPS	926.93	3305.03
	CHHATTISGARH Total			4006.96	18785.05
	GOA	RELIANCE	GOA CCPP (Liq.)	0	12.61
	GOA Total			0	12.61
	GUJARAT	APL	MUNDRA TPS	8618.29	30323.97
		CGPL	MUNDRA UMTPP	6272.98	26577.6
		EPGL	SALAYA TPP	1257.99	6609.27
		ESSAR	ESSAR CCPP	0	0
		GIPCL	BARODA CCPP	1.86	38.24

			GIPCL. GT IMP	34.95	182.63
			SURAT LIG. TPS	896.23	3266.61
		GTE CORP	PEGUTHAN CCPP	104.75	298.44
		TOR. POW. (AECO)	SABARMATI (C STATION)	51.8	356.31
			SABARMATI (D-F STATIONS)	657.21	2626.57
			UNOSUGEN CCPP	200.31	0
			VATWA CCPP	0	0
		TOR. POW. (SUGEN)	SUGEN CCPP	767.01	2600.64
		TOR. POW. (UNOSUGEN)	DGEN MEGA CCPP	320.05	0
	GUJARAT Total			19183.43	72880.28
	MADHYA PRADESH	BLAPPL	NIWARI TPP	38.2	337.16
		BPSCL	BINA TPS	142.21	2444.91
		ESSARRPMPL	MAHAN TPP	0	450.69
		JPPVL	NIGRI TPP	820.97	1758.18
		MBPMPL	ANUPPUR TPP	349.39	
		RPL	SASAN UMTPP	6994.51	17273.83
		SMHPCL	MAHESHWAR HPS	0	0
	MADHYA PRADESH Total			8345.28	22264.77
	MAHARASHTRA	AMNEPL	MIHAN TPS	0	0
		APL	TIRORA TPS	5064.58	16470.15
		DIPL	DHARIWAL TPP	0	475.68
		DLHP	BHANDARDHARA HPS ST-II	22.7	65.4
		EEL	EMCO WARORA TPS	915.66	3614.9
		GEPL	GEPL TPP Ph-I	0	0
		IBPL	AMARAVATI TPS	580.16	2142.32
			NASIK (P) TPS	0	0
		IEPL	BELA TPS	0	0
		JSWEL	JSW RATNAGIRI TPP	1736.42	7639.71
		RIL (DAHANU)	DAHANU TPS	1010.84	3997.22
		TATA MAH.	BHIRA HPS	75.8	330.91
			BHIRA PSS HPS	113.8	506.16
			BHIVPURI HPS	63.1	300.68
			KHOPOLI HPS	94.25	303.75
		TATA PCL	TROMBAY CCPP	261.68	1148.5
			TROMBAY TPS	1427.7	4860.42
		VIP	BUTIBORI TPP	1085.51	3644.48
		WPCL	WARDHA WARORA TPP	622.41	1172.53
	MAHARASHTRA Total			13074.61	46672.81
WR Total				44610.28	160615.52
SR	ANDHRA PRADESH	APGCL	VIJESWARAN CCPP	230.24	663.83
		BSES(P)	PEDDAPURAM CCPP	0	186.59
		GAUTAMI	GAUTAMI CCPP	104.33	0
		GMR energy	GMR Energy Ltd - Kakinada	0	0
		GVKP&IL	JEGURUPADU CCPP	203	589.73
		HNPC	VIZAG TPP	0	0
		KONA	KONASEEMA CCPP	0	0
		KONDAPALI	KONDAPALLI EXTN CCPP .	0	0
			KONDAPALLI CCPP	54.27	574.71
		LVS POWER	LVS POWER DG	0	0
		MEL	THAMMINAPATNAM TPS	375.95	1552.46
		SEPL	SIMHAPURI TPS	957.77	3203.71
		SPGL	GODAVARI CCPP	165.41	546.21
		TPTCL	PAINAMPURAM TPP	730.54	5.6
		VEMAGIRI	VEMAGIRI CCPP	150.9	0
	ANDHRA PRADESH Total			2972.41	7322.84
	KARNATAKA	BELLARY	BELLARY DG	0	0
		JSWEL	TORANGALLU TPS(SBU-I)	524.12	2228.52
			TORANGALLU TPS(SBU-II)	1001.09	5111.28
		TATA PCL	BELGAUM DG	0	0
		UPCL	UDUPI TPP	1944.68	6414.58
	KARNATAKA Total			3469.89	13754.38

	KERALA	BSES(C)	COCHIN CCPP (Liq.)	0	154.71
	KERALA Total			0	154.71
	TAMIL NADU	ABAN POWR	KARUPPUR CCPP	190.7	578.81
		CEPL	MUTHIARA TPP	802.13	1092.69
		IBPIL	TUTICORIN (P) TPP	529.92	1428.17
		MADURAI P	SAMAYANALLUR DG	0	245.35
		PENNA	VALANTARVY CCPP	74.26	378.8
		PPNPGCL	P.NALLUR CCPP	22.37	1171.37
		SAMALPATI	SAMALPATTI DG	1.8	224.36
		ST-CMSECP	NEYVELI TPS(Z)	442.91	1828.12
		VASAVI	B. BRIDGE D.G	2.14	576.26
	TAMIL NADU Total			2066.23	7523.93
SR Total				8508.53	28755.86
ER	JHARKHAND	ADHUNIK	MAHADEV PRASAD STPP	487.21	2212.58
		CPL	MAITRISHI USHA TPS	0	0
		MPL	MAITHON RB TPP	1758.29	6684.08
		TATA PCL	JOJOBERA TPS	550.7	2537.54
	JHARKHAND Total			2796.2	11434.2
	ORISSA	GMR energy	KAMALANGA TPS	1332.7	4838.77
		ICCL	ICCL IMP	99.51	290.34
		JPL	DERANG TPP	1397.27	515.45
		NALCO	NALCO IMP	62.42	256.44
		SEL	STERLITE TPP	2481.02	8230.49
	ORISSA Total			5372.92	14131.49
	SIKKIM	DEPL	JORETHANG LOOP	0	0
		GIL	CHUZACHEN HPS	82.34	430.86
		TUL	TEESTA-III HPS	0	0
	SIKKIM Total			82.34	430.86
	WEST BENGAL	CESC	BUDGE BUDGE TPS	1601.77	5852.54
			NEW COSSIPORE TPS	0	68.95
			SOUTHERN REPL. TPS	176.97	990.2
			TITAGARH TPS	295.16	1684.25
		DPSCLTD	CHINAKURI TPS	0	0
		HEL	HALDIA TPP	627.56	356.23
	WEST BENGAL Total			2701.46	8952.17
ER Total				10952.92	34948.72
PVT Total				79431.21	281752.1

* PROVISIONAL BASED ON ACTUAL-CUM-ASSESMENT

NOTE :- Generation from conventional sources (Thermal, Hydro and Nuclear) stations above 25 MW only.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2901
ANSWERED ON 06.08.2015

SUSPENSION OF POWER SUPPLY FOR NTPC

2901. DR. BHOLA SINGH:

Will the Minister of POWER
be pleased to state:

(a) whether NTPC proposes to suspend supply to power distribution companies which failed to pay dues, if so, the details thereof;

(b) the details of such power distribution companies/SEBs along with the amount outstanding for payment to NTPC; and

(c) the steps being taken by the NTPC to recover dues from power distribution companies/SEBs?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : No such proposal is under consideration at present.

(b) & (c) : In view of the (a) above, question doesn't arise.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2905
ANSWERED ON 06.08.2015

STATE POWER MINISTER'S CONFERENCE

2905. SHRI SUMAN BALKA:

Will the Minister of POWER
be pleased to state:

(a) whether the Union Government has recently convened Conference of State Power Ministers in Delhi; and

(b) if so, the details and the outcome thereof?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b) : Recently, no Conference of State Power Ministers has been held in Delhi. However, a Conference of Power and Mines Ministers of States and Union Territories was held at Guwahati on 9th & 10th April, 2015. The Conference, inter-alia, deliberated on the issues relating to 24x7 Power for All, Generation, Transmission and Distribution of electricity, including promotion of renewable energy sources.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2908
ANSWERED ON 06.08.2015

PROCUREMENT COST OF POWER

2908. SHRIMATI RITA TARAI:
SHRI BALABHADRA MAJHI:
SHRI BAIJAYANT JAY PANDA:
SHRI RABINDRA KUMAR JENA:

Will the Minister of POWER
be pleased to state:

(a) the various parameters/factors which are taken into account for fixing the rate of power produced by National Thermal Power Corporation (NTPC) plants;

(b) whether the procurement cost of power from Barh State-I of NTPC in Bihar is very high in comparison to Eastern Region of NTPC station if so, the details thereof and the reasons therefor;

(c) whether certain States including Odisha have requested to de-allocate power allocated from NTPC stations located outside the States and if so, the details thereof and the action taken thereon; and

(d) the steps taken by the Government to bring down the power procurement with ensuing reduction in retail prices to the end users?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : The tariff of NTPC stations is determined by Central Electricity Regulatory Commission (CERC) based on the prevailing Tariff Regulations. The current Tariff Regulations as issued by CERC are valid for the period from 01.04.2014 to 31.03.2019.

(b) : The project at Barh Stage-1 is under construction and not yet commissioned. The final costs can be known only after completion of the project and determination of tariff will be done by CERC.

(c) : Governments of Odisha, Delhi, Himachal Pradesh, Rajasthan, Meghalaya, Sikkim and Damodar Valley Corporation have requested for surrender of some power from Central Generating Stations.

.....2.

As per the CERC (Terms and Conditions of Tariff) Regulations, 2014, the Central Government can reallocate such surrendered share depending upon the technical feasibility of power transfer to the willing utility/buyer and specific agreements reached by the generating company with such utility/buyer. The copies of letters of surrendered share of this States/Utility have been forwarded to other State. As and when the other states indicate their willingness, this may be re-allocated.

(d) : The steps taken by the Government to bring down the cost of power procurement with ensuing reduction in retail prices to the end users are:

1. Government of India has issued direction to CERC under Section 107 of Electricity Act, 2003 and advised State Government to issue similar direction to SERC/JERC under Section 108 of Electricity Act, 2003 to adopt procedure for downward revision of tariff in already concluded PPAs under section 62 and section 63 of Electricity Act, 2003 when coal is being procured from coal mines auctioned or allocated under Coal Mines (Special Provision) Ordinance, 2014.

2. Ministry of Power has issued Resolution on 16th April, 2015 for amendment to the guidelines for future procurement of power by distribution licensees in the DBFOO (earlier Case-I bidding) from thermal power stations sourcing coal from the mines auctioned as allocated under Coal Mines (Special Provision) Ordinance, 2014 in order to ensure that the benefits of coal block auction are passed on to the consumers. In the Resolution, the following, inter-alia, have been stipulated:

(i) As far as the fixed/capacity charges are concerned, the power procurer shall determine, in advance, in consultation with the Appropriate Commission, an upper ceiling in terms of Rs./Kwh towards the fixed/capacity charges. This shall also be indicated in advance to all the prospective bidders while inviting DBFOO (earlier Case-I) bids as part of bid document.

(ii) The power procurers may carry out necessary modifications, if any required, in the DBFOO/Case-1 bidding document for giving effect to the above Guidelines with the concurrence of Appropriate Commission.

3. Government of India has sanctioned a scheme for importing spot RLNG in 2015-16 and 2016-17 for the stranded gas based power plants as well as for plants receiving domestic gas upto the target PLF select through a reverse e-bidding process. The scheme provides for financial support from PSDF (Power System Development Fund). The outlay for the support from PSDF has been fixed at Rs 7500 crores (Rs. 3500 and Rs. 4000 crores for the year 2015-16 and 2016-17 respectively).

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2930
ANSWERED ON 06.08.2015

UTILIZATION OF ELECTRICITY TRANSMISSION LINE BY PGCIL

2930. DR. RAVINDRA BABU:

Will the Minister of POWER
be pleased to state:

(a) whether Power Grid Corporation of India Limited (PGCIL) has any mechanism to assess the transmission lines which has resulted in 'congestion' and 'redundancy';

(b) if so, the details thereof;

(c) whether it is also a fact that there is vast gap between 'cumulative transmission capacity' and 'cumulative transfer capacity'; and

(d) if so, the details and reasons thereof along with action taken thereon?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b) : Power System Operation Company (POSOCO), a subsidiary company of Power Grid Corporation of India Limited (PGCIL), does regular assessment of the utilization of electricity transmission lines. This is done by calculating the Total Transfer Capability (TTC), Available Transfer Capability (ATC) and Transfer Reliability Margin (TRM) of various transmission corridors, in accordance with the guidelines approved by Central Electricity Regulatory Commission (CERC). Transmission system, which is being developed in the country also considers POSOCO's recommendation so that congestion in the transmission corridors can be eliminated or further minimized.

(c) & (d) : As regards the gap between Total Transfer Capability and Available Transfer Capability, it is stated that the ATC is calculated, inter-alia, taking into account secure grid operation standards.

It is further explained that the transmission grid is a mesh network inter-connecting a number of transmission lines of various capacities and the ATC takes into account constraints like voltage stability and angular stability of all the transmission lines connected to the grid.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2939
ANSWERED ON 06.08.2015

POWER TARIFF

2939. SHRI RAGHAV LAKHANPAL:

Will the Minister of POWER
be pleased to state:

(a) whether it is a fact that the interest of consumers is getting affected due to huge margin of profit earned by private power producers;

(b) if so, the details of profitability of private power producers and measures that could be taken to reduce tariffs by reducing excessive profit margins; and

(c) the details of the private power producers, which have access to coal linkage from the Government or having captive coal blocks that guarantee them coal at prices lower than the international market rates?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b) : The Electricity Act, 2003 has entrusted the responsibility of tariff fixation on the Electricity Regulatory Commissions and it empowers the State/Joint Electricity Regulatory Commissions (SERCs/JERCs) to fix tariffs for consumers. In this regard, SERCs / JERCs notify the Terms and Conditions of tariff fixation from time to time which are equally applicable for both public and private distribution licensees.

As per the Electricity Act, 2003, tariff for retail sale of electricity is fixed by the Appropriate Commission i.e. State Electricity Regulatory Commission/Joint Electricity Regulatory Commission and the Government of India have no direct role in this regard. As a step towards rationalisation of tariff, Electricity Regulatory Commissions have been mandatorily established in all States and Union Territories to regulate the sector. In pursuance of the general provisions of the Act and with due regard to the guiding principles under Section 61 of the Act, the Central Electricity Regulatory Commission (CERC) specifies Multi Year Tariff principles, inter-alia, balancing the interest of consumers while at the same time ensuring recovery of the cost of electricity in a reasonable manner.

(c) : The price of imported coal depends upon source of origin country, grade of coal, ocean freight etc. and varies on weekly basis. Difference between price of domestic linkage coal or coal available from captive block vis-à-vis imported coal depends upon location of power plants (i.e. distance from the mine/port), grade of coal and characteristics of coal i.e. ash, moisture, carbon content etc. As per information made available by Central Electricity Authority, the details of the private power producers, which have access to coal linkage from the Government or having captive coal blocks are given at Annex.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2939 ANSWERED IN THE LOK SABHA ON 06.08.2015.

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Coal Based Thermal Power Plants (Linkage/ Coal block based)			
S. No.	Power Station/ Unit	Organization	Capacity (MW)
A	Linkage holder		
1	Sabarmati (C Station)	Torrent Power	400
2	Dhanu	Reliance	500
3	Budge Budge	CESC	750
4	New Cossipore	CESC	160
5	Southern Repl.	CESC	135
6	Titagarh	CESC	240
7	Pathadi (LANCO) /Unit-1 & 2	Lanco Amarkantak	600
8	Rosa/ Unit-1to 4	Rosa Power	1,200
9	Jharsuguda (Sterlite) /Unit-2,1 & 3	Sterlite	1,400
10	Wardha Warora/ Unit-1-4	KSK	540
11	Maithon RB / Unit-1& 2	MPL	1,050
12	Mundra, Adani Ph III /Unit-1, 2 & 3	Adani Power	1,980
13	Lanco Anpara'C' / Unit-2 & 1	Lanco Anpara	1,200
14	Khamberkhera/ Unit-1&2	Bajaj Energy	90
15	Maqsoodpur /Unit-1&2	Bajaj Energy	90
16	Barkhera /Unit-1 & 2	Bajaj Energy	90
17	Kundarki /Unit-1& 2	Bajaj Energy	90
18	Mahatma Gandhi / Unit-1 & 2	JPL	1,320
19	Utraula /Unit-1 & 2	Bajaj Energy	90
20	Mihan/Unit-1-4		246
21	Bina /Unit- 1&2	Jaypee	500
22	Butibori/ Phase-II, Unit-1	Vidarbha (Reliance)	300
23	Tiroda -I /Unit- 1& 2**	Adani Maha. Power	1180
24	Kamalanga/ Unit-1&2***	GMR Kamalanga	500
25	EMCO Warora /Unit-1& 2	GMR Emco	600
26	Bela /Unit-1	Ideal Energy	270
27	Amravati -I/ Unit- 1 to 5	Ratan India	1350
28	Dhariwal Infra. /Unit-1&2	CESC	600
29	Nasik -I /Unit- 1	Ratan India	270
30	Avantha Bhandar /Unit-1	Korba West	600
31	Nabha /Unit- 1 &2	Nabha Power	1400
32	Baradhra (DB Power)/ Unit-1	DB Power	600
33	Tamnar/ Unit-1&2	Jindal Power	1200
34	Talwandi Sabo /Unit-1	TSPL	660
35	Derang /Unit-1	Jindal India Power Ltd	600
36	Haldia /Unit-1&2	CESC	600
37	Pynampuram /Unit- 1	Thermal Powertech	660
38	Anuppur -I/Unit- 1	Moserbear	600
39	Bandakhar (Maruti Clean) /Unit-1	Maruti Clean	300
40	BALCO /Unit-1	BALCO	300
B	Coal Block Based		
41	Raikheda Unit-1	GMR Chattisgarh	685
42	Mahan U-1	Essar	600
43	Derang U-2	Jindal India	600
44	Nigri Unit-1 & 2	Jaiprakash Power Ventures	1320
45	Sasan UMPP Unit- 1- 6	Reliance	3960
	Total		32426
(**) : Out of 660 MW, Tiroda Unit-2 is having 520 MW Linkage and 140 MW Tapering Linkage.			
(***) : Out of 350 MW, Kamalanga Unit-2 is having 150 MW Linkage and 200 MW Tapering Linkage.			

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2967
ANSWERED ON 06.08.2015

INTRA-STATE TRANSMISSION SYSTEM

2967. DR. SHRIKANT EKNATH SHINDE:
SHRI RAHUL SHEWALE:
SHRI ASHOK SHANKARRAO CHAVAN:
SHRI NAGENDRA KUMAR PRADHAN:
SHRI GAJANAN KIRTIKAR:
KUNWAR HARIBANSH SINGH:
DR. SUNIL BALIRAM GAIKWAD:
SHRI VIJAY KUMAR HANSDAK:
SHRI SUDHEER GUPTA:
SHRI KALIKESH N. SINGH DEO:
SHRI VINAYAK BHAURAO RAUT:
ADV. M. UDHAYAKUMAR:

Will the Minister of POWER
be pleased to state:

(a) whether the Government has approved the creation of an intra-State transmission system in the country;

(b) if so, the details and salient features thereof including States likely to be included in the system;

(c) the details of the expenditure likely to be incurred on creation of intra-State transmission system;

(d) the details of the funds allocated for implementation of said system along with the resources from where such funds will be generated; and

(e) the details of various activities envisaged under the project along with the time by which the project will be started and completed?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) to (d) : As per Electricity Act, 2003, State Transmission Utilities (STUs) of the State are responsible for planning, operation and maintenance of Intra-State transmission system in their States. However, the Government of India supplements the efforts made by the States, wherever necessary. The details of the intra-state transmission schemes approved recently by the Government of India, likely expenditure, funds allocated, completion schedule etc. are at Annex.

(e) : All the packages of the schemes have been awarded and these would be completed progressively from March, 2016 to December, 2018.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2967 ANSWERED IN THE LOK SABHA ON 06.08.2015.

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The details of the intra-state transmission schemes approved recently by the Government of India, likely expenditure, funds allocated, completion schedule etc.

Sl. No.	Name of the Project/scheme	Brief Details of the Project	Estimated cost and date of completion of the Project	Funds allocated upto 2015-16 and resources from where such funds would be generated
1.	220 kV Transmission form Alusteng (Srinagar) to Leh (via Drass, Kargil and Khalsti 220/66 kV substations) and 66 kV interconnection system for Drass, Kargil, Khalsti and Leh substation in Jammu & Kashmir	1) Construction of 220 kV S/C Alusteng(Srinagar) to Leh (including Underground Cable near Sonemarg & Zozilla)- Total 352 Kms 2) Construction of 4 Nos. 220/66 kV GIS S/s at Drass, Kargil, Khalsti & Leh New S/Ss 3) 66 kV Interconnection Tr Lines with 66/11 kV (RGGVY S/Ss) 4) Extension of 66/11 kV RGGVY S/Ss	Rs.1788.41 Crore. Project is expected to be completed by September, 2017	Rs.583.54 crore. Funds are allocated in the budget of Ministry of Power by Govt of India through Consolidated Fund of India
2	Comprehensive scheme for Strengthening of Transmission & distribution in Arunachal Pradesh & Sikkim	Strengthening of Intra-State Transmission and Distribution scheme in Arunachal Pradesh & Sikkim.	Rs.4754.42 crore. Project is expected to be completed by December, 2018	Rs.250 crore. Funds are allocated in the budget of Ministry of Power by Govt of India through Consolidated Fund of India
3	NER Power System Improvement project (NERPSIP) for six States (Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura) for strengthening of the intra State Transmission and Distribution System	Strengthening of Intra-State Transmission and Distribution system in Six (6) States (Assam, Manipur, Meghalaya, Mizoram, Tripura and Nagaland)	Rs. 5111.33 crore. Project is expected to be completed by December, 2018	Rs.400 crore. Funds are allocated in the budget of Ministry of Power by Govt of India and the World Bank in the ratio of 50:50
4.	Strengthening of Delhi Transmission system	(I) Replacement of the 2X315 MVA ICTs with 2X500 MVA at Bamnoli (II) HTLS re-conductoring of D/C Geeta Colony-Wazirabad (III) 220 kV D/C Harsh Vihar-Patparganj (UG+OH) line	Rs.200 crore. Project is expected to be completed by March, 2016.	Funds to the tune of Rs.200 crore allocated in the budget of Ministry of Power by Govt of India have been released to Govt of NCT of Delhi.

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