

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.335
TO BE ANSWERED ON 31.07.2014

POWER PROJECTS OF NTPC

†*335. SHRI ANANTKUMAR HEGDE:
SHRI OM BIRLA:

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

- (a) the details of power projects of the National Thermal Power Corporation Limited (NTPC) under operation/renovation and modernization along with their generation capacity and capacity utilization;
- (b) whether the NTPC has set any target for creating additional power generation capacity during the 12th Five Year Plan, and if so, the details thereof;
- (c) whether the Government/NTPC has made any assessment of the coal required for the purpose; and
- (d) if so, the details thereof and the sources identified for supply of coal for generating additional power along with Fuel Supply Agreements (FSA) proposed for the purpose during the said period?

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.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 335 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014 REGARDING POWER PROJECTS OF NTPC.

(a) : The details of NTPC power projects under commercial operation along with their installed capacity and capacity utilization, (Plant Load Factor) are attached at Annex-I.

No power plant of NTPC is undergoing renovation & modernization at present.

(b) : NTPC has set a capacity addition target of 11,148 MW (coal based: 9810 MW; Hydro: 1320 MW; Renewable: 18 MW) during the 12th Five Year Plan. Till date, NTPC has added a cumulative capacity of 4415 MW (Coal based: 4320 MW; Renewable: 95 MW) in the current Five Year Plan (2012-17).

(c) & (d) : Yes, Madam. The details of coal requirement assessed along with sources identified are placed at Annex-II.

ANNEX REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 335 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014 REGARDING POWER PROJECTS OF NTPC.

NTPC Projects under commercial operation

S.No.	Station	Capacity (MW)	Capacity utilization (%) April to June, 2014
(a) Coal Based Stations			
Andhra Pradesh			
1.	Simhadri I & II	2,000	98.19
Bihar			
2.	Kahalgaon-I & II	2,340	76.93
Chhattisgarh			
3.	Korba I, II & III	2,600	90.21
4.	Sipat-I & II	2,980	79.37
Delhi			
5.	Badarpur	705	69.70
Madhya Pradesh			
6.	Vindhyachal-I, II, III & IV	4,260	89.66
Maharashtra			
7.	Mouda-I	1000	42.22
Odisha			
8.	Talcher TPS	460	99.56
9.	Talcher Kaniha I & II	3,000	91.02
Uttar Pradesh			
10.	Singrauli I & II	2,000	89.23
11.	Rihand-I, II & III	3,000	85.34
12.	Dadri-I & II	1,820	80.07
13.	Unchahar-I, II & III	1,050	85.35
14.	Tanda	440	85.84
Telangana			
15.	Ramagundam I, II & III	2,600	89.67
West Bengal			
16.	Farakka-I, II & III	2,100	69.99
Total		32,355	
(b) Combined Cycle Gas/ Liquid Fuel Based			
Gujarat			
1.	Jhanor-Gandhar	657	45.75
2.	Kawas	656	40.30
Haryana			
3.	Faridabad	432	56.74
Kerala			
4.	RGCCPP- Kayamkulam	360	52.90
Rajasthan			
5.	Anta	419	42.40
Uttar Pradesh			
6.	Auraiya	663	24.00
7.	Dadri	830	31.61
Total		4017	

ANNEX REFERRED TO IN PARTS (c) & (d) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 335 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014 REGARDING POWER PROJECTS OF NTPC.

Coal Sources for Thermal Capacity Addition during 12th Five Year Plan

A. Projects for which FSA signed with CIL

S. No.	Station/Unit	Capacity (MW)	Coal Requirement (MMTPA)	ACQ/LOA (MMTPA)	Coal company
1.	Sipat-I, Unit 3	660	3.3	3.05	SECL
2.	Mouda-1, Unit 1	500	2.5	2.312	MCL
3.	Vindhyachal-IV	1000	5	3.190	NCL
4.	Rihand-III, Unit 1 and 2	1000	5	3.365	NCL
5.	Mouda, Unit 2	500	2.5	1.777	WCL
6.	Bongaigaon Unit 1	250	1.25	0.400	ECL
7.	Bongaigaon Unit 2	250	1.25	1.250	NEC
8.	Barh-I, Unit 1	660	3.3	3.330	CCL
	Total	4820	24.1	18.674	

B. Coal linkage available but FSA yet to be signed with CIL

S.No.	Station/Unit	Capacity (MW)	Coal Requirement (MMTPA)	ACQ/LOA (MMT)	Coal company
1.	Bongaigaon, Unit 3	250	1.25	0.970	ECL
2.	Barh-I, Unit 2 & 3	1320	6.6	6.660	CCL
	Total	1570	7.85	7.630	

C. Coal tie-up from NTPC's captive coal blocks

Sl. No.	Station/Unit	Capacity (MW)	Coal Requirement (MMTPA)	Coal block
1.	Barh-II, Unit I & II	1320	6.6	Chatti-Bariatu
2.	Kudgi-I, Unit-I & II	1600	8.0	Bhalumuda
3.	Vindhyachal-V (Unit 1)	500	2.5	Pakri-Barwadih
	Total	3420	17.1	

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2988
TO BE ANSWERED ON 31.07.2014

ELECTRIFICATION OF RURAL AREAS

2988. SHRIMATI KOTHAPALLI GEETHA:

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

- (a) whether the Rural Electrification Corporation (REC) has taken up proposals for electrification of rural areas in each State particularly in SC/ST areas; and
- (b) if so, the details thereof in each State including Andhra Pradesh and the amount sanctioned and spent so far during the 11th & 12th Plan periods?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b) : Government of India launched 'Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) - Programme for creation of Rural Electricity Infrastructure & Household Electrification, in April 2005 for providing access to electricity to rural household including SC/ST areas. Under the scheme, 648 projects were sanctioned during X & XI Plan, covering electrification of 1.12 lakh un-electrified villages and intensive electrification of 3.73 lakh electrified villages and release of free electricity connection to 2.75 crore BPL households in the country including SC/ST areas of the country. Cumulatively as on 30.06.2014, electrification works in 1.08 lakh un-electrified villages, intensive electrification of 3.08 lakh electrified villages have been completed and free electricity connections to 2.18 crore BPL households have been released including SC/ST areas of the country. The State-wise details including the state of Andhra Pradesh are at **Annex-I**.

Further, the Government of India has approved continuation of RGGVY for XII Five Year Plan in September 2013 with the aim to cover the remaining un-electrified census villages and the habitations of the country having population above 100. Under the scheme 273 projects have been sanctioned in the financial year 2013-14, covering electrification of 12,468 un-electrified villages, intensive electrification of 2.31 lakh electrified villages and release of free electricity connections to 1.33 crore BPL households including SC/ST areas. The State-wise details are at **Annex-II**.

The State-wise details of the project including the State of Andhra Pradesh, sanctioned under RGGVY during XI Plan as well as XII Plan and the capital subsidy disbursed by Rural Electrification Corporation, the Nodal Agency for implementation of RGGVY are at **Annex-III**.

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2988 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

State wise coverage & achievement of un-electrified villages and intensive electrified villages under RGGVY.

As on 30.06.2014

Sl. No.	State	No. of Projects	Un-electrified villages		IE Villages		BPL Households	
			Coverage	Achievement	Coverage	Achievement	Coverage	Achievement
1	Andhra Pradesh*	16	0	0	16155	16155	1997962	1997962
2	Arunachal Pradesh	16	2096	1992	1408	1301	53312	47802
3	Assam	23	8353	8152	12897	12646	1271003	1142173
4	Bihar	54	24294	22937	18622	5955	5448300	2476491
5	Chhattisgarh	18	1731	1252	16114	14397	1268165	1062396
6	Gujarat*	25	0	0	16176	16127	841219	841219
7	Haryana*	21	0	0	5987	5155	241220	199855
8	Himachal Pradesh	12	95	91	12112	10241	17333	16493
9	Jammu & Kashmir	14	237	203	3247	3167	80021	68343
10	Jharkhand	22	18615	18135	6085	5786	1470260	1312966
11	Karnataka	27	58	58	24081	23862	918656	881829
12	Kerala*	14	0	0	1272	704	125598	116068
13	Madhya Pradesh	52	879	743	48635	29521	1839046	1192136
14	Maharashtra*	35	0	0	36464	36072	1226185	1218165
15	Manipur	9	882	616	1378	585	107369	29682
16	Meghalaya	7	1867	1812	3145	2904	109387	104077
17	Mizoram	8	145	110	570	365	30917	19392
18	Nagaland	11	105	92	1170	1111	74064	46463
19	Odisha	32	14525	14430	29083	26527	3085925	2870490
20	Punjab*	17	0	0	6580	6030	102176	100404
21	Rajasthan	40	4226	4170	33961	33311	1263735	1162877
22	Sikkim	4	25	25	413	405	12108	10264
23	Tamil Nadu*	29	0	0	10402	9673	525571	501202
24	Telangana*	10	0	0	9746	9746	752297	752297
25	Tripura	4	148	144	658	652	117163	116761
26	Uttar Pradesh	86	28006	27750	22973	2982	2005867	1062226
27	Uttarakhand	13	1512	1511	9506	9464	263593	263593
28	West Bengal	29	4202	4185	24208	23560	2307567	2212679
	Total	648	112001	108408	373048	308404	27556019	21826305

* In the States of Andhra Pradesh, Gujarat, Haryana, Kerala, Maharashtra, Punjab, Tamil Nadu and Telangana no un-electrified village was proposed in the DPRs by these States. However, intensive electrification of already electrified villages are being undertaken in these States.

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2988 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

State-wise coverage of un-electrified villages, intensive electrification of electrified villages and release of free electricity connections to BPL households sanctioned under RGGVY during XII Plan.

Sl. No.	Name of State	No. of Projects	Un-electrified Villages	Intensive Electrification of Villages	BPL households
1	Assam	16	1009	10259	541953
2	Bihar	27	6882	21377	5442691
3	Chhattisgarh	4	0	3240	63828
4	Jammu & Kashmir	3	45	352	26233
5	Jharkhand	17	125	18308	471972
6	Karnataka	9	0	9210	116861
7	Madhya Pradesh	34	221	25832	863360
8	Manipur	6	136	1721	36362
9	Mizoram	8	0	0	0
10	Nagaland	11	1	199	39314
11	Orissa	31	3144	41018	1668454
12	Rajasthan	28	0	25397	443757
13	Tripura	8	26	778	89604
14	Uttar Pradesh	64	868	68549	3264185
15	West Bengal	7	11	5695	251488
	Total	273	12468	231935	13320062

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2988 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

State-wise details of the project cost and subsidy disbursed by REC against the sanctioned projects under RGGVY during XI & XII Plan.							
As on 30.06.2014							
Rs. in crore							
Sr. No.	State	XI Plan			XII Plan		
		No. of Projects	Sanctioned project cost	Subsidy disbursed by REC.	No. of Projects	Sanctioned project cost	Subsidy disbursed by REC.
1	Andhra Pr.	4	119.24	93.06	0	0	NIL
2	Arunachal Pr.	14	955.27	767.41	0	0	
3	Assam	20	2637.49	2009.35	16	1621.07	
4	Bihar	28	5231.39	2458.12	27	5220.65	
5	Chhattisgarh	15	1181.52	754.11	4	285.61	
6	Gujarat	22	246.77	210.22	0	0	
7	Haryana	17	149.03	122.91	0	0	
8	Himachal Pr.	11	272.03	207.49	0	0	
9	J & K	11	832.29	651.53	3	101.28	
10	Jharkhand	9	1596.25	1248.05	17	1260.93	
11	Karnataka	10	440.92	293.06	9	98.20	
12	Kerala	13	204.40	113.97	0	0	
13	Madhya Pradesh	44	2359.76	1296.95	34	1403.15	
14	Maharashtra	31	610.37	469.35	0	0	
15	Manipur	7	349.22	224.93	6	204.73	
16	Meghalaya	5	410.55	320.08	0	0	
17	Mizoram	6	180.70	145.05	8	77.03	
18	Nagaland	9	225.80	179.31	11	92.31	
19	Odisha	28	3493.30	2647.14	31	3550.77	
20	Punjab	17	183.91	51.44	0	0	
21	Rajasthan	15	833.71	637.54	28	1453.91	
22	Sikkim	2	125.71	97.35	0	0	
23	Tamil Nadu	29	385.46	295.45	0	0	
24	Telangana	5	96.71	74.54	0	0	
25	Tripura	3	161.93	128.76	8	316.23	
26	Uttar Pradesh	22	4772.21	1097.47	64	7282.81	
27	Uttarakhand	0	0.00	0.00	0	0	
28	West Bengal	16	2461.47	1721.00	7	609.61	
	Total	413	30517.43	18315.63	273	23578.29	0

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2995
TO BE ANSWERED ON 31.07.2014

POWER FROM HYDRO ELECTRIC DAM PROJECTS

2995. SHRI GAURAV GOGOI:

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

- (a) whether Bhutan has agreed to provide power to Assam and other North-Eastern States from the hydro electric dam projects being implemented in that country; and
- (b) if so, the details thereof and the steps being taken by the Government in this regard?

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. The surplus power from the project will be exported to India thus augmenting power availability, which would help in bridging the supply demand gap of power in the country, including Assam and other North-Eastern States.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3003
TO BE ANSWERED ON 31.07.2014

AMENDMENT IN ELECTRICITY ACT, 2003

†3003. SHRI SUNIL KUMAR SINGH:

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

- (a) whether the Government proposes to amend the Electricity Act, 2003;
- (b) if so, the time by which it is likely to be done and the nature of amendments likely to be made;
- (c) whether the Government is conducting the audit of various electricity companies in the country; and
- (d) if so, the number of companies which have been audited as on date and the remaining companies to be audited?

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. Based on the experience gained over the last ten years and to accommodate the recent developments in the areas of grid stability and security, development of market and progress in technology, Ministry has drafted the amendments to the Electricity Act, 2003 based on the recommendations of a committee headed by Chairman, Central Electricity Authority (CEA). These amendments are expected to bring about further improvements in grid security, efficiency in distribution sector through separation of carriage and content, rationalization of tariff, dynamic and responsible regulatory framework with the overall objective of sustainable growth of the sector aimed at consumer benefits. The proposed draft amendments were circulated on 17th October, 2013 for seeking comments. The same were also uploaded on the website of Ministry of Power.

(c) & (d) : Distribution of electricity is a licensed activity. As per the provisions of Section 14 of the Electricity Act, 2003, the State Electricity Regulatory Commissions (SERCs) have the power to grant license to any person to distribute electricity. Hence, distribution companies in the States are answerable to respective SERCs for licence related activities. The Union Government has no direct role in functioning of power distribution companies. No specific details regarding the audit of various electricity companies conducted in the country is presently available with the Government.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3014
TO BE ANSWERED ON 31.07.2014

RENEWABLE PURCHASE OBLIGATIONS

3014. SHRI C.S. PUTTA RAJU:

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

- (a) the action taken by the Central Electricity Regulatory Commission (CERC) on the issue of Renewable Purchase Obligations (RPO) for excess energy produced by environment friendly energy resources, as on date;
- (b) whether the Government is going to request the CERC to resolve this matter at the earliest; and
- (c) the time by which the Government proposes to make necessary amendments in the regulations to resolve this matter?

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 Act, 2003 provides for promotion of efficient and environmentally benign policies and for matters connected therewith or incidental thereto. Section 86(1)(e) of the Electricity Act, 2003, mandates State Electricity Regulatory Commissions (SERCs)/Joint Electricity Regulatory Commissions (JERCs) to specify Renewable Purchase Obligation (RPO) target for the obligated entities in their respective State.

It has been informed by the Central Electricity Regulatory Commission (CERC) that the Commission/Forum of Regulators has commissioned a study to review the REC (Renewable Energy Certificate) mechanism. The study is aimed at examining the issues including that pertaining to the purchase of renewable energy beyond RPO. Based on the finding of the study, the issues referred for detailed examination can be addressed through amendment in the Regulations. The Commission takes a view on the need for amendments, which is a quasi-judicial process, after following due process of law including public hearing.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3015
TO BE ANSWERED ON 31.07.2014

ACQUISITION OF COAL MINES OVERSEAS

3015. SHRI P. KUMAR:

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

- (a) whether the Government has decided to invest and acquire coal mines overseas for its use in thermal power projects; 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) : Coal India Limited has been successful in obtaining the exploration license for two Coal Blocks in Tete Province in Mozambique through competitive bidding in 2009, where exploration work has started.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3017
TO BE ANSWERED ON 31.07.2014

PRODUCTION OF FLY ASH

3017. SHRI RAM MOHAN NAIDU KINJARAPU:

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

- (a) the total quantum of fly ash produced by the thermal power plants in the country particularly those located in Andhra Pradesh during the last three years and the current year;
- (b) whether the Government has recently given permission to the thermal power plants to sell fly ash to brick manufacturing units;
- (c) if so, the details thereof;
- (d) whether it is a fact that till recently thermal power units used to give fly ash free or at a very nominal cost to the fly ash brick units, which are eco-friendly; and
- (e) if so, the reasons for putting a price on fly ash and selling it to big brick manufacturing units which will increase the environmental hazards?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : As per Central Electricity Authority (CEA), the total quantum of fly ash produced by Thermal Power Plants in the country and in Andhra Pradesh during the last three years are as below:

Sl. No.	Year	Fly ash generated in the country (Million Tonnes)	Fly ash generated in Andhra Pradesh (Million Tonnes)
1.	2011-12	145.42	17.09
2.	2012-13	163.56	19.68
3.	2013-14 (Provisional data)	172.87	19.84

Quantity of Fly ash generated during current year i.e. 2014-15 is not available with CEA.

.....2.

(b) to (d) : Ministry of Environment and Forests' (MOE&F) Notification dated 3rd November, 2009 stipulates the following provision with regard to use of fly ash by brick manufacturers:

"All coal or lignite based thermal power stations would be free to sell fly ash to the user agencies subject to the following stipulations, namely:-

- The pond ash should be made available free of any charge on "as is where is basis" to manufacturers of bricks, blocks or tiles including clay fly ash products manufacturing unit(s), farmers, the Central and the State road construction agencies, Public Works Department, and to agencies engaged in backfilling or stowing of mines.
- At least 20% of dry Electro Static Precipitator fly ash shall be made available free of charge to units manufacturing fly ash or clay-fly ash bricks, blocks and tiles on a priority basis over other users and if the demand from such agencies falls short of 20% of quantity, the balance quantity can be sold or disposed of by the power station as may be possible.

Provided that the fly ash obtained from the thermal power station should be utilized only for the purpose for which it was obtained from the thermal power station or plant failing which no fly ash shall be made available to the defaulting users."

(e) : Does not arise.

GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.3034
TO BE ANSWERED ON 31.07.2014

APPROVAL TO EDLAPUR THERMAL POWER PROJECT

3034. SHRI PRALHAD JOSHI:

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

- (a) whether the Government has received any proposal from the Government of Karnataka for approval of Edlapur Thermal Power Project;
- (b) if so, the details thereof;
- (c) whether the said proposal is pending since the year 2009;
- (d) if so, the reasons therefor; and
- (e) the time by which the proposal is likely to be cleared by the Union Government?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) to (e) : As per Section 7 of the Electricity Act, 2003 any generating company may establish, operate and maintain a generating station without obtaining a license/permission if it complies with the technical standards relating to connectivity with the grid.

However, there is a proposal from Karnataka Power Corporation Limited (KPCL) for coal linkage for Edlapur TPP - 1x800 MW. The project was recommended by Ministry of Power on 30.12.2011 to Ministry of Coal for accord of coal linkage. However, the decision could not be taken due to shortage of domestic coal.

Subsequently, KPCL had applied for allocation of Captive coal Blocks in response to notice inviting applications by Ministry of coal dated 31.12.2012 from Government Companies/Corporations under Rule 4 of auction by competitive bidding of coal mines rules, 2012. Deocha Pachami Coal block in West Bengal has been allotted jointly to six States including Karnataka out of which 382 MT is allotted to KPCL for Yermarus TPS (1600 MW), BTPS Unit-3 (700 MW) and Edlapur TPS (800 MW).

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3041
TO BE ANSWERED ON 31.07.2014

LOSSES TO NTPC UNITS

†3041. SHRI OM BIRLA:

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

- (a) whether the units of National Thermal Power Corporation Limited (NTPC) are running in losses;
- (b) if so, the details thereof along with the reasons therefor;
- (c) the names of units remained shut down, along with dates, duration and reasons of their shut down, including Baran (Rajasthan) based NTPC, Anta unit;
- (d) whether there is any plan to take the NTPC units out of their loss-making tendency; 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) & (b) : NTPC is one accounting unit, comprising all its stations as per Companies Act. Accordingly, single Profit & Loss Account is prepared for the company as a whole and NTPC has been declaring profit over the years.

(c) : The details of NTPC units which remained shut down during the period April-June, 2014, for various reasons thereof are given below:

Sl. No.	Name of Units	Shut Down		Duration Hrs.	Reason
		From	To		
1.	Anta (419 MW), Rajasthan	08.05.2014	30.05.2014	551.62	No demand
2.	Kayamkulam (360 MW), Kerala	07.05.2014	19.05.2014	299.43	No demand
		24.05.2014	26.05.2014	60.32	No demand
		21.06.2014	23.06.2014	49.57	No demand
3.	Mouda (1000 MW), Maharashtra	08.04.2014	10.04.2014	40.67	Boiler Tube Leakages

(d) & (e) : Does not arise in view of (a) & (b) above.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3046
TO BE ANSWERED ON 31.07.2014

SETTING UP OF POWER GRID

†3046. SHRI ASHOK MAHADEORAO NETE:

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

- (a) whether the Government proposes to setup any power grids in Garhchiroli-Chimur region of Maharashtra or any other tribal region in the country;
- (b) if so, the details thereof; and
- (c) if not, the 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) to (c) : As per information available with Central Electricity Authority (CEA), there is no proposal to set up power grid substation in Garhchiroli- Chimur region of Maharashtra. However, Government of India has evolved a comprehensive scheme for strengthening of transmission and distribution system in North Eastern Region (NER) and Sikkim.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3052
TO BE ANSWERED ON 31.07.2014

PRIVATE POWER DISTRIBUTION COMPANIES

3052. PROF. SADHU SINGH:
SHRI HARINDER SINGH KHALSA:

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

- (a) the details of the private power distribution companies operating in the country, State-wise ;
- (b) the criterion and methodology of setting electricity tariffs by the Central/State Electricity Regulatory Commissions;
- (c) whether the Government actively takes part in the procedure for fixing of electricity prices and if so, the details thereof and if not, whether the Government proposes to amend section 62 of the Electricity Act, 2003 to give itself more powers in determining electricity tariffs in the country ;
- (d) the status of auditing of private distribution companies in the country including those in Delhi, including the steps taken/being taken to ensure full compliance/disclosure by the private discoms to the auditing agencies; and
- (e) whether the Government proposes to take punitive action in accordance with Section 19 (1) of the Electricity Act, 2003 against those non-compliant companies 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) : Based on the information made available, the details of private distribution companies operating in the States of Maharashtra, Gujarat, Jharkhand, Odisha, West Bengal, Kerala, Chhattisgarh, Uttar Pradesh and Union Territory of Delhi are at **Annex-I**.

(b) : Tariff is determined under Sections 61 to 64 of the Electricity Act, 2003 by the Appropriate Regulatory Commission in line with the provisions of the Act and the policies made thereunder. Whereas the tariff for generation and transmission companies owned or controlled by Central Government is regulated by the Central

Electricity Regulatory Commission, the tariff for generation, supply and transmission within the State is determined by the State Regulatory Commissions. Similarly, the State/Joint Electricity Regulatory Commissions (SERCs/JERCs) notify the terms and conditions of tariff fixation from time to time for both public and private distribution licensees. Section 61 of the Act provides for guiding principles which the Appropriate Commission is required to consider while specifying the terms and conditions of tariff. The relevant provisions of Section 61 are at **Annex-II**. As per Section 61(i), the Regulatory Commissions are also guided by the Tariff Policy notified by the Central Government while specifying the terms and conditions of tariff.

(c) : No, Madam. **The Central Government does not play any direct role in tariff determination for individual Discom.** Tariffs of distribution companies are determined by the SERCs/JERCs based on the principles enunciated under the Electricity Act, 2003 and policies framed thereunder. There is no provision for direct regulation of the electricity tariff by the Central Government. However, through appropriate policy framework and programmes, the Government is promoting efficiency in generation, transmission and distribution businesses as also strengthening of the distribution infrastructure, with a view to reducing the Aggregate Technical and Commercial (AT&C) losses.

(d) : Distribution of electricity is a licensed activity. As per the provisions of Section 14 of the Electricity Act, 2003, the State Electricity Regulatory Commissions (SERCs) have the power to grant license to any person to distribute electricity. Hence, distribution companies in the States are answerable to respective SERCs for licence related activities. The Union Government has no direct role in the functioning of power distribution companies.

As per information made available by Government of National Capital Territory of Delhi (GNCTD), there has been delay by discoms in submissions of records and information to various requisitions raised by the audit teams. GNCTD has intervened through various communications and meetings at different levels and directed distribution companies to furnish information to audit parties in a time bound manner. The Govt. of NCT of Delhi is also actively pursuing the issue of CAG Audit of Discoms in High Court of Delhi. In the order dated 24th March 2014, the Division Bench of High Court of Delhi has directed the Discoms to continue to cooperate fully with the CAG. The Government nominee directors have also insisted in the Board meetings of Discoms to fully cooperate with the Audit.

(e) : Section 19 of the Electricity Act, 2003 provides for revocation of licence of the power distribution companies by the Appropriate Commission for prolonged violation of provisions of the Act or rules or regulations made there under. There is no provision for the action to be taken by the Union Government.

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 3052
TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Private Distribution Companies (DISCOMs) operating in various States of the country:

States/UTs	Name of Companies
West Bengal	Calcutta Electricity Supply Co.(CESC) Dishergarh Power Co. Ltd.
Gujarat	Ahmedabad Electricity Co. Ltd. (Torrent Power Ltd.) Surat Electricity Co. Ltd. (Torrent Power Ltd.)
Delhi	TATA Power Delhi Distribution Limited. BSES Rajdhani Power Limited. BSES Yamuna Power Limited.
Maharashtra	BSES(Reliance Energy Ltd.), Tata Power Co. Ltd.
Kerala	Kanan Devan Hills Plantations Company Private Ltd.
Uttar Pradesh	Noida Power Company Limited.
Orissa	Southern Electricity Supply Company of Orissa Ltd. North Eastern Electricity Supply Company of Orissa Ltd. West Electricity Supply Company of Orissa Ltd. Central Electricity Supply Company of Orissa Ltd.
Jharkhand	Jamshedpur Utility & Services Company (JUSCO).
Chhattisgarh	M/s Jindal Steel & Power Ltd.

ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 3052
TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Section 61 (Tariff regulations):

The Appropriate Commission shall, subject to the provisions of this Act, specify the terms and conditions for the determination of tariff, and in doing so, shall be guided by the following, namely:-

- (a) the principles and methodologies specified by the Central Commission for determination of the tariff applicable to generating companies and transmission licensees;
- (b) the generation, transmission, distribution and supply of electricity are conducted on commercial principles;
- (c) the factors which would encourage competition, efficiency, economical use of the resources, good performance and optimum investments;
- (d) safeguarding of consumers' interest and at the same time, recovery of the cost of electricity in a reasonable manner;
- (e) the principles rewarding efficiency in performance;
- (f) multi year tariff principles;
- (g) that the tariff progressively reflects the cost of supply of electricity and also, reduces cross- subsidies in the manner specified by the Appropriate Commission;
- (h) the promotion of co-generation and generation of electricity from renewable sources of energy;
- (i) the National Electricity Policy and tariff policy:

Provided that the terms and conditions for determination of tariff under the Electricity (Supply) Act, 1948, the Electricity Regulatory Commission Act, 1998 and the enactments specified in the Schedule as they stood immediately before the appointed date, shall continue to apply for a period of one year or until the terms and conditions for tariff are specified under this section, whichever is earlier.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3055
TO BE ANSWERED ON 31.07.2014

POWER PROJECTS IN MAHARASHTRA

3055. SHRI ASHOK SHANKAR RAO CHAVAN:

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

- (a) the details of the power projects which have been found to be viable for construction in Maharashtra; and
- (b) the present status of these projects and the steps being taken by the Government for early clearance and commissioning of such power projects of National Thermal Power Corporation Limited (NTPC) in the State?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b) : After the enactment of Electricity Act, 2003, Techno-Economic-Clearance (TEC) of Central Electricity Authority (CEA) is not required for Thermal Power Projects. As such, proposals for setting up of Thermal Power Projects are not being received in Central Electricity Authority (CEA) under the Ministry of Power. No Detailed Project Report (DPR) of any Hydro Power Project that required concurrence of CEA as per the extant regulations was received in CEA for Examination/Concurrence for the State of Maharashtra during the 11th & 12th Five Year Plan period.

The details of power projects which are under construction in the State of Maharashtra, including the power projects of NTPC, are at Annex.

The following steps have been taken by Ministry of Power, Government of India for timely completion of power projects:

1. Central Electricity Authority (CEA) is monitoring the progress of construction of the power projects through frequent site visits and interaction with the developers and equipment suppliers. In addition, CEA holds review meetings periodically with the developers and other stakeholders and identifies issues critical to commissioning of projects and helps in resolving them.
2. A Power Project Monitoring Panel (PPMP) has been set up by the Ministry of Power for independent monitoring of Thermal and Hydro Generation projects targeted for commissioning during the 12th Plan and beyond along with the associated transmission system.
3. Regular reviews are undertaken by the Ministry of Power at various levels including Ministry of Heavy Industries, Planning Commission and Cabinet Secretariat to identify the problem areas and facilitate faster resolution of inter-ministerial and other outstanding issues.

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 3055 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

STATUS OF UNDER CONSTRUCTION POWER PROJECTS IN MAHARASHTRA

S.No.	Project Details	Capacity (MW)	Commissioning Schedule
	Thermal Power projects		
1.	Mauda STPP, Ph-II, Dist: Nagpur, NTPC		
	Unit-3	660	March, 2016
	Unit-4	660	September, 2016
2.	Solapur TPP, District: Solapur, NTPC		
	Unit-1	660	May, 2016
	Unit-2	660	November, 2016
3.	Chandrapur TPS Expn. Dist: Chandrapur, MSPGCL		
	Unit-8	500	November, 2014
	Unit-9	500	March, 2015
4.	Koradi TPP ,Expn. Project Dist: Nagpur, MSPGCL		
	Unit-8	660	December, 2014
	Unit-9	660	March, 2015
	Unit-10	660	June, 2015
5.	Parli TPP Expn. Dist: Beed,MSPGCL		
	Unit-8	250	March, 2015
6.	Tirora TPP,Ph-II, Dist: Gondia, Adani Power Maharashtra Pvt, Ltd.		
	Unit-3	660	August, 2014
7.	Amravati TPPPh-I, Dist: Amravati, M/s Indiabulls Power Ltd.(Formerly known as Sophia Power Ltd.)		
	Unit-3	270	September, 2014
	Unit-4	270	January, 2015
	Unit-5	270	June, 2015

8.	Amravati TPPPh-II , U-1 to 5, Dist: Amravati, M/s Indiabulls Power Ltd.(Formerly known as Sophia Power Ltd.)		
	Unit-1	270	Work is on hold. Commissioning schedule would be reassessed after resumption of work
	Unit-2	270	
	Unit-3	270	
	Unit-4	270	
	Unit-5	270	
9.	Nasik TPP Ph-I, Dist: Nasik, M/s Indiabulls Realtech (Formerly known as Sophia Power Co.Ltd.)		
	Unit-2	270	August, 2014
	Unit-3	270	2015-16
	Unit-4	270	2015-16
	Unit-5	270	2015-16
10	Nasik TPP Ph-II, U-1 to 5,Dist: Nasik, M/s Indiabulls Realtech (Formerly known as Sophia Power Co.Ltd.)		
	Unit-1	270	Work is on hold. Commissioning schedule would be reassessed after resumption of work
	Unit-2	270	
	Unit-3	270	
	Unit-4	270	
	Unit-5	270	
11	Mangaon CCPP, (Distt: Raigad) M/s Pioneer Gas Power Ltd. (PGPL)		
	Block-I	388	Commissioning is held up for want of Gas
Hydro Electric Power Projects			
12	Koyana Left Bank PSS WRD, Maharashtra,		
	Unit-1	40	2017-18
	Unit-2	40	2017-18

STPP: Super Thermal Power Project

NTPC: National Thermal Power Corporation

TPS: Thermal Power Station

TPP: Thermal Power Project

MSPGCL: Maharashtra State Power Generation Corporation Limited

CCPP: Combined Cycle Power Plant

PSS: Pumped Storage Scheme

WRD: Water Resource Department

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3074
TO BE ANSWERED ON 31.07.2014

EQUITY FUND FOR POWER SECTOR

3074. SHRIMATI SUPRIYA SULE:
SHRI DHANANJAY MAHADIK:
SHRI MOHITE PATIL VIJAYSINH SHANKARRAO:

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

- (a) whether the Government proposes to set up mega crore equity fund for the power sector to supply 24x7 electricity supply in villages;
- (b) if so, the details thereof;
- (c) whether the Government has made any provision to raise the initial corpus for this fund;
- (d) if so, the details thereof;
- (e) whether the Government is also working on an asset reconstruction company for the power sector;
- (f) if so, the details thereof and the purpose for which it is being set up; and
- (g) the other steps taken/being taken by the Government to boost the power sector in the country?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) to (f) : While there is no concrete proposal at this stage for setting up of an Equity Fund/Asset Reconstruction Company for the stressed power projects, the proposal was discussed in the meeting held on 23rd June 2014 with the Banks and Financial Institutions. The Department of Financial Services has since informed that SBI has been requested to examine the proposal further.

(g): Steps taken/ being taken by the Government to boost the power sector in the country are as follows:

- (i) Acceleration in generation capacity addition during 12th Plan with a proposed target of 88,537 MW from conventional sources and about 30,000 MW from renewable energy sources.
- (ii) Undertaking a massive programme for strengthening of inter-state and inter-regional transmission capacity for evacuation of power.
- (iii) A new scheme has been announced in this year's Budget for strengthening of sub-transmission and distribution networks and for segregation of agricultural feeders. This is in addition to the existing scheme of Restructured Accelerated Power Development Reforms Programme (R-APDRP), under which upgradation of existing distribution networks is taken up in collaboration with States.
- (iv) Expeditiously resolving issues relating to environmental and forest clearances for power projects under implementation.
- (v) Bridging the gap of indigenous coal availability through coal imports for increased generation by thermal plants.
- (vi) Promoting energy conservation, energy efficiency and demand side management measures.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3083
TO BE ANSWERED ON 31.07.2014

SCIENTISTS/ENGINEERS IN NETRA

3083. SHRI RAMA CHANDRA HANSDAH:

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

- (a) the percentage of profit of National Thermal Power Corporation Limited (NTPC) dedicated for research and development and for green and clean technology through NTPC Energy Technology Research Alliance (NETRA);
- (b) whether there are exclusively dedicated scientists/engineers in NETRA for this purpose;
- (c) if so, the details thereof and the achievements made by them so far;
- (d) whether there is any specific policy of capacity building for these scientists/engineers by encouraging them to pursue higher studies or by giving incentives for publishing research papers etc.; 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) : NTPC dedicates 1% of Profit after Tax for Research and Development.
- (b) : Yes, Madam.
- (c) : NETRA has 89 Scientists/Engineers for carrying out Research and Development activities. The achievements so far are enumerated below :
 - (i) Low grade heat recovery from waste flue gas for air conditioning systems for control rooms at one of the NTPC stations.
 - (ii) Retrofitting of Variable Frequency Drives in existing motors to reduce power at one of the gas stations for reduction in auxiliary power consumption with the same motors.

.....2.

- (iii) Robotic inspection of the 5 boilers have been carried out to cut down overhauling time.
 - (iv) Health assessment of Gas & Steam turbine components to increase reliability.
 - (v) 40 TR Solar thermal based air conditioning at NETRA.
 - (vi) Time of Flight diffraction testing of cooling water and make up water lines for reducing inspection time at 2 stations.
 - (vii) Failure investigation of Boiler Tube Analysis and health assessment of critical transformer & reactors are carried out for all NTPC stations.
 - (viii) Integrated self powered bio-diesel production.
 - (ix) Artificial intelligence based on line combustion performance improvement and boiler water chemistry monitoring system deployed at 2 stations.
 - (x) Radio frequency identification technique for fish plate removal detection at one NTPC station.
- (d) & (e): There is a 'NTPC Incentive Scheme' for encouraging engineers to acquire higher/additional qualification. Under this Scheme, an eligible employee on acquiring the prescribed qualification from a recognized University/Institution/Body is eligible for grant of a lumpsum cash award in addition to the reimbursement of examination fees.

In order to give incentives for presenting research/technical papers, employees are sponsored by the company both within and outside India.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3099
TO BE ANSWERED ON 31.07.2014

BHAKRA BEAS MANAGEMENT BOARD

†3099. SHRI P.P. CHAUDHARY:

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

- (a) the names of the States which are getting benefited by the Bhakra Beas project;
- (b) whether the Management Board of the said project includes representatives of all the beneficiary States;
- (c) if so, the details thereof; and
- (d) if not, the steps proposed to be taken by the Government in this regard?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : The States which are getting benefitted from various Bhakra Beas Projects of Bhakra Beas Management Board (BBMB) are Punjab, Haryana, Himachal Pradesh, Rajasthan and UT of Chandigarh.

(b) & (c) : As per the Punjab Re-organization Act, 1966, the successor States of United Punjab are Punjab, Haryana and Himachal Pradesh only. However, the BBMB Secretariat comprises of officers drawn from partner States of BBMB that is, Punjab, Haryana, Himachal Pradesh and Rajasthan.

As per Section 79 (2) of the Punjab Re-organization Act, 1966, two Whole time Members are appointed by Central Government in Bhakra Beas Management Board (BBMB). By convention, these Members are appointed from Punjab and Haryana. The details of appointment of Member (Power) and Member (Irrigation) since 1986 is at Annex-I & II respectively. The details of appointment of Secretary and Special Secretary since 1986 is at Annex-III & IV.

(d) : Does not arise.

ANNEX REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 3099 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Incumbency Chart of Member (Power) in BBMB

S. No.	Name of Officer (Er.)	Parent State	Period
1.	N.S. Frewal	Punjab	4.12.85 to 13.5.88
2.	Vacant	Punjab	14.5.88 to 2.8.88
3.	Inderjit Singh Kalra	Punjab	3.8.88 to 30.6.90
4.	Maj. Gen. P.K.Gupta, Chairman	Government of India	1.7.90 to 22.8.90 (Additional Charge)
5.	O.P.Jain	Punjab	23.8.90 to 12.8.91
6.	Maj. Gen. P.K.Gupta, Chairman	Government of India	12.8.91 to 18.8.92 (Additional Charge)
7.	Nirvair Singh	Punjab	18.8.92 to 31.5.93
8.	Maj. Gen. P.K.Gupta, Chairman	Government of India	31.5.93 to 17.11.93
9.	B .K.Saini	Punjab	17.11.93 to 31.3.94
10.	Maj. Gen. P.K.Gupta, Chairman	Government of India	31.3.94 to 26.4.94 (Additional Charge)
11.	R.K.Aggarwal	Punjab	26.4.94 to 30.11.96
12.	Maj. Gen. P.K.Gupta, Chairman	Government of India	30.11.96 to 31.8.97 (Additional Charge)
13.	Satish Mittal	Punjab	17.3.98 to 1.11.98
14.	S.P.Sharma	Punjab	2.11.98 to 3.11.2000
15.	R.R.Oberoi , Chairman	Government of India	4.11.2000 to 24.4.2001 (Additional Charge)
16.	Amrik Singh	Punjab	25.4.2001 to 28.2.2003
17.	Rakesh Nath , Chairman	Government of India	1.3.2003 to 1.1.2004 (Additional Charge)
18.	S.C.Mahajan	Punjab	2.1.2004 to 29 .8.2006
19.	Amrik Singh, CE	Punjab	13.10.2006 to 14.11.2006
20.	N.K.Arora	Punjab	28.11.2006 to 3.12.2008
21.	U.C.Misra, Chairman	Government of India	5.12.2008 to 29.4.2009 (Additional Charge)
22.	V.B.Bassi	Punjab	30.4.2009 to 5.02.2011
23.	Ashok Thapar	Punjab	21.02.2011 to till date

ANNEX REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 3099 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Incumbency Chart of Member (Irrigation) in BBMB

S.No.	Name of Officer (Er.)	Parent State	Period
1.	O.P.Datta	Haryana	9/83 to 8/86
2.	B.C.Malhotra	Haryana	4.9.86 to 30.4.88
3.	Vacant	-	1.5.88 to 22.7.88
4.	P.A.Kapoor	Haryana	23.7.88 to 1.1.92
5.	D.R.Luthra	Haryana	1.1.92 to 31.12.94
6.	Maj. Gen. P.K.Gupta	-	31.12.94 to 18.7.93 AN (Additional Charge)
7.	Vithal Ram	Haryana	18.7.95 to 31.8.96
8.	Maj. Gen. P.K.Gupta	-	31.8.96 to 15.4.97 (Additional Charge)
9.	R.N.Aggarwal	Haryana	15.4.97 to 28.2.98
10.	H.S.Grewal	Haryana	17.3.98 to 18.6.98 (Look After)
11.	J.L.Gambhir	Haryana	18.6.98 to 4.9.98
12.	R.N.Aggarwal	Haryana	4.9.98 to 27.4.2000
13.	R.R.Oberoi	-	27.4.2000 to 23.6.2000 (Additional Charge)
14.	S.K.Duggal	Haryana	23.6.2000 to 24.11.2002
15.	Balbir Singh	Haryana	5.3.2003 to 29.12.2005
16.	Anil Arora	Haryana	4.1.2006 to 5.7.2006/5.7.2006 to 17.9.2008 extended upto 31.12.2008
17.	M.K.Gupta	Haryana	31.12.2008 to 08.07.2011
18.	A.B.Agrawal	-	09.07.2011 to 26.8.2011 (Additional Charge)
19.	S.L.Agarwal	Haryana	26.8.11 AN to till date

ANNEX REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 3099 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Incumbency Chart of Secretary in BBMB

Sr. No.	Name of Officer S/Shri	Parent State	Period
1.	O.R.Mehta	Punjab	May-82 to July-86
2.	P.C.Gandhi	Rajasthan	Sept-86 to March-87
3.	K.T.Sukhani	Rajasthan	May-87 to Sept-87
4.	A.C.Mehta	Rajasthan	March-88 to Dec.-88
5.	K.G.Aggarwal (Additional charge)	Punjab	Dec-88 to March-90
6.	J.C.Makkar	Rajasthan	March-90 to Aug-91
7.	S.P.Sharma	Rajasthan	Sept-91 to April-95
8.	K.V.S.Thakur (Additional charge)	Punjab	April-95 to Jan-1997
9.	K.G.Aggarwal	Punjab	Feb.-97 to Aug-98
10.	K.V.S.Thakur (Additional charge)	Punjab	Sept-98 to May-99
11.	K.V.S.Thakur	Punjab	May-99 to Oct-2000
12.	S.B.Sarawagi	Rajasthan	Oct-2000 to Oct-2001
13.	K.V.S.Thakur	Punjab	Oct-2001 to May-2002
14.	Anil Arora	Haryana	June-2002 to July-06
15.	P.S.Tulsi	Rajasthan	July-06 to Feb-07
16.	M.L.Gupta	Punjab	Feb-07 to March-07
17.	R.C.Mahajan	Haryana	March-07 to 10.7.2009
18.	H.K.Gupta	Haryana	10.7.09 to 31.10.2012
19.	R.S.Jalta (Additional charge)	Himachal Pradesh	1.11.2012 to 21.3.2013
20.	Ashok Gupta	Haryana	21.03.2013 to till date

ANNEX REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 3099 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Incumbency Chart of Special Secretary in BBMB

Sr. No.	Name of Officer S/Shri	Parent State	Period
1.	Y.P.Kumar	Haryana	02-08-1982 to 14-05-1987
2.	D.R.Sood	Haryana	15-05-1987 to 25-05-1990
3.	S.S.Gupta	Haryana	28-08-1990 to 26-01-1992
4.	N.C.Singhal	Haryana	27-01-1992 to 27-01-1996
5.	I.C.Sharma	Haryana	27-01-1996 to 31-01-2003
6.	Manmohan Singh	Haryana	31-01-2003 to 07-12-2005
7.	R.K.Sehgal	Haryana	07-12-2005 to 12-07-2006
8.	R.C.Mahajan	Haryana	12-07-2006 to 30-03-2007
9.	R.K.Sehgal	Himachal Pradesh	30-03-2007 to 31-05-2008
10.	S.K.Sharma	Himachal Pradesh	02-06-2008 to 3.3.2012 AN
11.	H.K.Gupta, Secretary	Haryana	Additional charge w.e.f. 13.3.12 to 2.4.2012 AN
12.	R.S.Jalta	Himachal Pradesh	3.4.2012 to till date

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3137
TO BE ANSWERED ON 31.07.2014

MONITORING OF POWER DISTRIBUTION COMPANIES

3137. SHRIMATI KOTHAPALLI GEETHA:

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

- (a) whether the Government and private power distribution companies are being monitored regularly;
- (b) if so, the details thereof, State-wise including Andhra Pradesh; and
- (c) if not, the 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) to (c) : Distribution of electricity is a licensed activity. As per the provisions of Section 14 of the Electricity Act, 2003, the State Electricity Regulatory Commissions/Joint Electricity Regulatory Commissions (SERCs/JERCs) have the power to grant license to any person to distribute electricity. The respective State Commissions regulate the distribution licensees (private or public) through the terms and conditions of their licence.

Further, Section 57 of the Electricity Act, 2003 empowers the State/Joint Electricity Regulatory Commission to specify standards of performance of a licensee.

Section 59 of the Act also provides for furnishing information with respect to levels of performance by every licensee within specified period by the Appropriate Commission. Power distribution falls under the jurisdiction of State and is regulated by State Commissions. The Union Government has no direct role in functioning of power distribution companies

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3144
TO BE ANSWERED ON 31.07.2014

EXECUTION OF POWER PROJECTS

3144. SHRIMATI DARSHANA VIKRAM JARDOSH:

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

- (a) whether the new power plants as well as R & M projects of existing power plants in the country including Gujarat have been awarded to M/s. Bharat Heavy Electricals Limited (BHEL);
- (b) if so, whether BHEL has not been able to execute any project within the stipulated time;
- (c) if so, the details thereof and the reasons therefor;
- (d) whether the issue related to delay in implementation of power projects by BHEL has been raised by the Government of Gujarat;
- (e) if so, whether other States are also facing the same difficulties; and
- (f) if so, the steps the Union Government proposes to take in this regard?

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) : Presently, 101 new thermal units, including 4 units in Gujarat, have been awarded to Bharat Heavy Electricals Limited (BHEL). Out of these, 17 units are progressing as per schedule, whereas 54 units are delayed for reasons not attributable to BHEL. 28 units are lagging behind schedule where BHEL is partially responsible and 02 units are delayed fully on account of BHEL. The main reasons for delay, inter alia, include - slow civil works, delay in supply of equipment by BHEL, poor mobilization by main plant executing agency, delay in Commercial Operation Date (CoD) declaration, modification in plant design, delay in award of logistics by BHEL and manpower shortage etc.

As regards R&M of thermal projects, presently 05 thermal units are behind schedule due to BHEL and 03 thermal units are progressing as per schedule. The reasons for delay include - inordinate delay in the supply of equipment by BHEL, non-sequential supply of material by BHEL, inordinate delay in finalization of agencies for various Balance of Plant (BOP) packages, lack of skilled persons of BHEL's sub-contractors and technical surprises during implementation of R&M works.

As regards new hydro projects, 14 hydro projects are under construction by BHEL. All these projects are delayed for reasons not attributable to BHEL.

As regards hydro projects under R&M, 15 projects have been awarded to BHEL for R&M out of which 08 are behind schedule due to BHEL. The main reasons attributed for delay are delay in supply of material, award of additional works and delay in getting shutdown of generating units.

(d) & (e) : The issues related to delay in implementation of power projects by BHEL have been raised by implementing agency of Gujarat Government and Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL).

(f) : Central Electricity Authority(CEA) convened meetings with respective implementing agency and BHEL to sort out the various issues due to which the projects were lagging behind schedule. For speedy implementation of R&M projects, CEA conducts review meetings on regular basis with the generating utilities to discuss various issues related to timely completion of ongoing R&M works and the follow-up action/remedial measures, if any, are accordingly taken up by CEA with the concerned agencies.

Other steps taken by the Government for timely commissioning of power projects are given below:

- i. A Power Project Monitoring Panel (PPMP) has been set up by the Ministry of Power for monitoring of Thermal and Hydro Generation projects targeted for commissioning during the 12th Plan and beyond along with the associated transmission system.
- ii. Regular reviews are undertaken by the Government of India at various levels including Ministry of Power, the Ministry of Heavy Industries, Planning Commission and Cabinet Secretariat to identify the constraint areas and facilitate faster resolution of inter-ministerial and other outstanding issues.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3151
TO BE ANSWERED ON 31.07.2014

POWER TRANSMISSION TO PUNJAB

3151. SHRI RAVNEET SINGH:

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

- (a) whether the power transmission to Punjab from other grids is affected due to lack of requisite capacity;
- (b) if so, the details thereof;
- (c) whether any scheme for augmenting the grid capacity is under implementation; 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) & (b) : The Punjab transmission Grid is well connected with the Northern Regional transmission grid through Inter State Transmission System (ISTS) at 765 kV, 400 kV and 220 kV voltage level. Under Central Sector about 5300 CKM of EHV lines has been established to strongly connect Punjab with rest of the grid. To facilitate power drawl by Punjab, seven (7) nos. of substations have been established under central sector with transformation capacity of 3000 MVA at 765/400kV level and transformation capacity of about 7030 MVA at 400/220kV level. The above transmission system ensures reliable and secure transfer of above allocated power to Punjab.

(c) & (d) : To meet the increasing load demand of Punjab various transmission schemes for augmenting the grid capacity are under implementation in Punjab. Details of the same is at Annex.

Further, a new 400/220kV substation is being implemented through Tariff Based Competitive Bidding at Patran with 2x500 MVA transformation capacity and shall provide additional touch point for drawl of power from the grid.

ANNEX REFERRED TO IN REPLY TO PARTS (c) & (d) OF UNSTARRED QUESTION NO. 3151 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Inter State Transmission System under implementation in Punjab

Name of line

1. Meerut – Moga 765kV S/C line.
2. Suratgarh – Moga 765kV D/C line.(Under RE)
3. Kurukshetra- Jalandher 400kV quad D/C line.
4. Kurukshetra- Malar Kotla 400kV D/C line.
5. Ambala- Malar Kotla 400kV D/C line.
6. LILO of Ckt.-II Jalandher- Hamirpur 400kV D/C line at Hamirpur (PG).
7. Hamirpur- Jalandher 400kV D/C line.
8. LILO of Dehar – Bhivani 400kV S/C line at Rajpura(PSTCL)
9. LILO of Patiala-Kaithal 400kV D/C line at Patran with 2x500MVA, 400/220kV S/s
10. Koldem HEP- Ludhiana 400kV D/C line

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3160
TO BE ANSWERED ON 31.07.2014

SETTING UP OF GAS BASED POWER PLANTS

3160. SHRI B. VINOD KUMAR:
SHRI P.P. CHAUDHARY:
SHRI RAJIV PRATAP RUDY:

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

- (a) whether the Union Government proposes to set up gas based power plants in various parts of the country including Telangana and has directed to start gas based power projects in various States;
- (b) if so, the State-wise details thereof;
- (c) the details of the pending gas based power projects and the reasons therefor along with the financial implications of these projects; and
- (d) the total investment made by the private companies and the Government for the supply of power through gas, projects/State-wise?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b) : No, Madam. Union Government does not propose to set up new gas based power plants in various parts of the country including Telangana in view of uncertainty in availability of additional domestic gas. Ministry of Power in 2012 had issued an advisory to all the developers of gas based power plants not to plan projects based on domestic gas till 2015-16.

(c) : Due to non availability of adequate gas to power plants, presently existing gas based capacity of 21,211 Mega watt (MW) is operating at an average Plant Load Factor (PLF) of 23%.

.....2.

Out of existing 21,211 MW gas based power generation capacity in the country, 6,996.5 MW [predominantly on Krishna Godavari Dhirubhai-6 (KG D-6) gas] is lying idle as gas supply to the power plants from KG D6 field is nil since March,2013 till date.

In addition, 3,760.5 MW gas based power plants (commissioned without any gas allocation) are also lying idle. Thus, presently 10,757 MW capacity (both public & private) is lying idle from the projects commissioned and the normative total investment corresponding to this capacity is about Rs. 43,028 Crores. The details of these projects are given as Annex-I.

Additional 5,349 MW gas based power plants under construction /ready for commissioning are awaiting gas allocation for their testing/commissioning/commercial operation for which an investment of about Rs. 21,537 Crores has already been made, details of which are Annex-II.

(d) : Assuming the normative cost to be Rs. 4 Crores/MW the total investment made by the private and public sector companies for the supply of power through gas in the underutilized gas based plants is Rs. 84,844 Crores. The details of gas projects commissioned both private and public sector, State-wise, is at Annex-III.

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 3160 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

LIST OF STRANDED GAS POWER PLANTS

Category A- PROJECTS WITH SUBSTANTIAL ALLOCATION OF KG D6

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State
CENTRAL SECTOR			
1	RATNAGIRI (RGPPL)	1967	MAHARASTRA
	Total (CS)	1967	
STATE SECTOR			
2	DHUVARAN CCPP	112	GUJARAT
3	UTRAN CCPP	374	GUJARAT
	Total (SS)	486	
PVT SECTOR			
4	VATWA CCPP (TORRENT)	100	GUJARAT
5	RITHALA CCPP (NDPL)	108	DELHI
6	ESSAR CCPP **	300	GUJARAT
7	PEGUTHAN CCPP (GTEC)	655	GUJARAT
8	SUGEN CCPP (TORRENT)	1147.5	GUJARAT
9	GAUTAMI CCPP	464	AP
10	GMR - (TANIRBAVI)	220	AP
11	JEGURUPADU CCPP (GVK)	220	AP
12	KONASEEMA CCPP	445	AP
13	KONDAPALLI EXTN CCPP .	366	AP
14	VEMAGIRI CCPP	370	AP
15	SRIBA INDUSTRIES	30	AP
16	RVK ENERGY	28	AP
17	SILK ROAD SUGAR	35	AP
18	LVS POWER	55	AP
	GRAND TOTAL	6996.5	

** Total Capacity of the plant is 515 MW out of which 300 MW is supplied to the Grid & Balance 215 MW is for Captive Consumption

Category B- List of Power Plants commissioned
(Without any Gas Allocation)

S. No	Name of Power Station	Installed Capacity (MW)	State
State Sector			
1	PRAGATI CCGT-III (Module-2)	750	Delhi
2	PIPAVAV CCPP (GPPC)	702	Gujarat
3	HAZIRA CCPP EXT (GSEG)	351	Gujarat
4	Dhuvaran Ext.(GSECL)	375	Gujarat
	Total (SS)	2178	
Private SECTOR			
4	UNOSUGEN CCPP	382.5	Gujarat
5	Dahej SEZ Torrent	1200	Gujarat
	Sub Total (Pvt)	1582.5	
	Total New Commissioned	3760.5	

Total Stranded for lack of Gas : 10,757 MW
Corresponding Investment (normative Rs 4 Cr/MW) : Rs. 43,028 Crore

ANNEX-II

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 3160
TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

The details of Gas Based Projects ready for commissioning but could not be commissioned due to non-availability of gas.

Sl. No	Name of the Project	State	Developer	Cap. (MW)	Org./ latest Cost (Rs. Cr.)	Expenditure Incurred (Rs. Cr.)
Private Sector						
1	GMR Vemagiri Exp	A.P	GMR	768	4060	3937
2	Kondapalli Exp St-III	A.P	LANCO	742	3673	3190
3	Samalkot Exp	A.P	RELIANCE	2400	10500	8234
4	CCGT by Panduranga	A.P	P.E.S.	116	646.75	646.75
5	Gas Engine by Astha	A.P	Astha Power	35	214.13	98.934
6	Kashipur Sravanthi St-I	Uttarakhand	Sravanthi	225	1266	1,088
7	Kashipur Sravanthi St-II	Uttarakhand	Sravanthi	225	1300	911
8	Beta Infratech CCGT	Uttarakhand	Beta Infratech	225	1254	1185.64
9	Gama Infraprop CCGT	Uttarakhand	Gama Infraprop	225	1156	1008
10	CCGT by Pioneer Gas Power Ltd	Maharashtra	Pioneer Gas Power Ltd	388	1460	1237.21
	Total Projects under Construction (PVT IPPs)			5349		21537

ANNEX REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 3160
TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Installed gas based power plants commissioned in the country

S. No.	Name of Power Station	Installed Capacity \$ (MW)
Assam		
Public Sector		
1	KATHALGURI (NEEPCO)	291
2	LAKWA GT , (ASEB Maibella)	157.2
3	NAMRUP CCPP + ST (APGCL)	119
Private Sector		
4	DLF ASSAM GT	24.5
Andhra Pradesh		
Private Sector		
5	GAUTAMI CCPP	464
6	GMR - KAKINADA (Tanirvavi)	220
7	GODAVARI (SPECTRUM)	208
8	JEGURUPADU CCPP (GVK)	455.4
9	KONASEEMA CCPP	445
10	KONDAPALLI EXTN CCPP	366
11	KONDAPALLI CCPP (LANCO)	350
12	PEDDAPURAM (BSES)	220
13	VEMAGIRI CCPP	370
14	VIJESWARAN CCPP	272
15	SRIBA INDUSTRIES	30
16	RVK ENERGY	28
17	SILK ROAD SUGAR	35
18	LVS POWER	55
Delhi		
Public Sector		
19	I.P.CCPP	270
20	PRAGATI CCGT-III	1500
21	PRAGATI CCPP	330.4
Private Sector		
22	RITHALA CCPP (NDPL)	108
Gujarat		
Public Sector		
23	NTPC, GANDHAR (JHANORE)	657.39
24	NTPC, KAWAS CCPP	656.2
25	PIPAVAV CCPP	702
26	DHUVARAN CCPP(GSECL)	594.72
27	HAZIRA CCPP(GSEG)	156.1
28	HAZIRA CCPP EXT	351
29	UTRAN CCPP(GSECL)	518

Gujarat		
Private Sector		
30	VATWA CCPP (TORRENT)	100
31	BARODA CCPP (GIPCL)	160
32	ESSAR CCPP **	300
33	PEGUTHAN CCPP (GTEC)	655
34	SUGEN CCPP (TORRENT)	1147.5
35	UNOSUGEN CCPP	382.5
36	DGEN Mega CCPP	1200
Haryana		
Public Sector		
37	NTPC, FARIDABAD CCPP	431.59
Maharashtra		
Public Sector		
38	RATNAGIRI (RGPPL-DHABHOL)	1967
39	URAN CCPP (MAHAGENCO)	672
Private Sector		
40	TROMBAY CCPP (TPC)	180
Puducherry		
Public Sector		
41	KARAIKAL CCPP (PPCL)	32.5
Rajasthan		
Public Sector		
42	NTPC, ANTA CCPP	419.33
43	DHOLPUR CCPP	330
44	RAMGARH (RRVUNL, Jaisalmer)	273.8
Uttar Pradesh		
Public Sector		
45	NTPC, AURAIYA CCPP	663.36
46	NTPC, DADRI CCPP	829.78
Tamil Nadu		
Public Sector		
47	KOVIKALPAL (TIRUMAKOTTAI)	107
48	KUTTALAM (TANGEDCO)	100
49	VALUTHUR CCPP (Ramanand)	186.2
Private Sector		
50	KARUPPUR CCPP (ABAN)	119.8
51	P.NALLUR CCPP (PPN)	330.5
52	VALANTARVY CCPP	52.8
Tripura		
Public Sector		
53	AGARTALA GT (NEEPCO)	84
54	TRIPURA CCPP (ONGC)	363.3
55	BARAMURA GT (TSECL)	58.5
56	ROKHIA GT (TSECL)	111
	GRAND TOTAL	21211.4

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3176
TO BE ANSWERED ON 31.07.2014

SUPPLY OF POWER BY SUPER THERMAL POWER PLANT

†3176. DR. RAVINDRA KUMAR RAY:

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

- (a) whether thousands of acres of land of local farmers was acquired for Koderma Super Thermal Power Plant of Damodar Valley Corporation;
- (b) if so, the details of the power supplied from the plant to various States including Jharkhand;
- (c) whether the project was sanctioned with the condition that power will be supplied free of cost to local villages and adjoining areas within a radius of ten kilometres;
- (d) if so, the details thereof;
- (e) whether the Government is likely to instruct the Damodar Valley Corporation to fulfill local expectations including supply of power free of cost to the adjoining villages;
- (f) if so, the details thereof; and
- (g) if not, the 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. 1887 Acres of land was acquired for Koderma Thermal Power Station (KTPS) of Damodar Valley Corporation (DVC), out of which 950 Acres was Raiyati Land.

(b) : After declaration of Commercial Operation of KTPS, up to May, 2014, total 1392 Million Units (MU) have been supplied by KTPS. Out of this, 1233 MU have been supplied to the valley area consumers in Jharkhand and West Bengal. Rest 159 MU have been supplied to the State of Haryana in terms of Power Purchase Agreement (PPA) between DVC and Haryana.

(c) : No, Madam.

(d) : Doesn't arise in view of (c) above.

(e) : No, Madam.

(f) : Doesn't arise in view of (e) above.

(g) : Doesn't arise in view of (c) above.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3178
TO BE ANSWERED ON 31.07.2014

SINGLE WINDOW CLEARANCE TO HYDEL POWER PROJECTS

3178. SHRI BHARTRUHARI MAHTAB:
SHRI SANJAY DHOTRE:

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

- (a) whether the Government proposes to develop a mechanism for granting single window clearance to the hydel power projects in a fixed time-frame keeping in view the cost escalation of such projects and the shortage of power in the country;
- (b) if so, the details thereof along with the other corrective steps taken by the Government in this direction;
- (c) whether the cost of the delayed hydel power projects has been escalating ranging between 25 to 36 per cent in the country and if so, the details thereof, project-wise and State-wise; and
- (d) the manner in which such escalated cost is likely to be borne by the Union Government and the concerned State Governments, project-wise?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b): At present, there is no such proposal of the Government to develop a mechanism for granting single window clearance to hydel power projects.

However, under Section 8 of the Electricity Act 2003, Central Electricity Authority (CEA) endeavors to accord concurrence to the scheme in consultation with Central Water Commission (CWC), Geological Survey of India (GSI), Central Soil and Material Research Station (CSMRS) and Ministry of Water Resources, as far as practicable, in a period of 90 working days, once Detailed Project Report (DPR) is

complete in all respects. The Government has further taken following steps for timely clearance of hydel power projects:

- (i) Status of environment and forest clearances is reviewed periodically by Ministry of Power with Ministry of Environment and Forest.
- (ii) Progress of appraisal is periodically reviewed by CEA with project developers and apprising groups in CEA, CWC, GSI and CSMRS.

(c) & (d) : Sanctioned cost is at a particular price level which is prior to the construction of the project. Due to price escalation / increase in price index, the completion cost is always higher than sanctioned cost, even if there is no time overrun. The escalated cost is borne by the project developer i.e. CPSU / State Government / Private Promoter. The details of sanctioned cost and the completion cost in respect of hydro-electric projects in the Central Sector, completed during the last five years is given at **Annex**.

ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (c) & (d) OF UNSTARRED QUESTION NO. 3178 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Cost escalation in Completed Projects (Central Sector) during last five years(2009-2014)

(Cost in Crores)

Sl. No.	Project	Agency	Sanctioned Cost of Project	Completion Cost	Year of Completion	% Escalation
1	Chamera-III (231 MW) Himachal Pradesh	NHPC	1405.63 (Price level Feb'05)	2049.44	2012-13	45.80
2	Parbati-III (520MW) Himachal Pradesh	NHPC	2304.55 (Price level May'05)	2715.92	2013-14	17.85
3	Sewa-II (120 MW) Jammu & Kashmir	NHPC	665.46 (Price levelSept'02)	1108.83	2010-11	66.63
4	Chutak (44 MW) Jammu & Kashmir	NHPC	621.26 (Price level Dec'05)	893.76	2011-12	43.86
5	Nimmo Bazgo (45 MW) Jammu & Kashmir	NHPC	611.01 (Price level Dec'05)	999.72	2012-13	63.62
6	Uri-II (240 MW) Jammu & Kashmir	NHPC	1724.79 (Price level Feb'05)	2290.19	2013-14	32.78
7	TLDP-III (132 MW) West Bengal	NHPC	768.92 (Price level Dec'02)	1972.99	Dec., 2013	156.59
8	Koteshwar (400 MW) Uttarakhand	THDC	1301.56 (Price level Oct'99)	2583.00 (as per RCE proposal of THDC)	2011-12	98.45

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3202
TO BE ANSWERED ON 31.07.2014

PHYSICAL AND FINANCIAL TARGETS UNDER RGGVY

†3202. SHRI KIRTI AZAD:
SHRI ARJUN MEGHWAL:
SHRI KRISHAN PRATAP:
SHRI PRALHAD JOSHI:

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

- (a) whether the physical and financial targets fixed under the Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) have not been achieved during the last three years and the current year;
- (b) if so, the reasons therefor, State-wise;
- (c) whether the Union Government has received any complaints regarding irregularities in the implementation of RGGVY in the country;
- (d) if so, the number and details of complaints received during the last three years and the current year and the action taken by the Union Government in this regard, State-wise; and
- (e) the details of a future long-term plan proposed to be formulated by the Union Government for monitoring of the above Yojana and achieving the targets fixed thereunder?

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 State-wise targets and achievements under RGGVY for the last three years and current year, are at **Annex**. The desired target could not be achieved due to the following reasons:-
- i) Delay in forest clearance for the Projects in some States mainly in Jharkhand and Odisha.
 - ii) Delays in land acquisition for 33/11 KV sub-stations by States mainly in Bihar.
 - iii) Delays in issuance of road permit and way bills in some States (Odisha & Bihar).
 - iv) Very poor upstream rural electricity infrastructure in some States (Jharkhand & Bihar).
 - v) Delay in taking decision to waive state and local taxes on line materials by some States.

- vi) Difficult terrain in some States (NER States, J&K and Uttarakhand).
- vii) Law & order problem including left extremism in some of the States.
- viii) Some of the villages in a few States, originally covered under RGGVY, have been dropped by the State Governments thereby reducing the coverage of BPL households of these villages.
- ix) The states / DISCOMs continued to issue BPL connections from other State run schemes. As a result, the number of BPL connections available for release under RGGVY are reduced.
- x) Slow progress in the States of Arunachal Pradesh, Chhattisgarh, Bihar, Jharkhand, Madhya Pradesh, Kerala and J & K resulting in release of regular instalments.
- xi) Non-award of 273 projects sanctioned under 12th Plan involving 1st installment amount of Rs. 6366 Crore subsidy.

(c) & (d) : Complaints regarding alleged irregularities in the States of Jharkhand and Jammu & Kashmir were received. As informed by Project Implementing Agency i.e. Jharkhand State Electricity Board, enquiry in districts of Garhwa, Latehar and Palamu of Jharkhand, are conducted. Enquiry in the State of Jammu & Kashmir was made but no merit was found in the allegation. Apart from this, a few complaints of minor nature are received from different parts of the country. The complaints are promptly forwarded to the concerned implementing agencies by REC, the Nodal Agency for implementation of RGGVY Scheme / Ministry of Power, for taking corrective measures.

(e) : The following long term steps have been taken for effective monitoring of the RGGVY and achieving the targets fixed thereunder :

- i) The District Magistrate / District Collector should head the team of the officials consisting of representative of the Utilities, Implementing Agencies and REC, one professional from field (individual / NGO) could also be nominated in the District Level Committee to resolve the bottlenecks of implementation of RGGVY.
- ii) State Level Standing Committee, headed by the Chief Secretary and consisting of Secretaries of Energy, Rural Development, Finance, Panchayat Raj, Forest, Revenue, Representative of REC etc. formed for recommending the projects to Government of India for sanction, monitoring of progress and resolving implementation issues.
- iii) On the request of Ministry of Power, Ministry of Rural Development has expanded the scope of District Level Vigilance and Monitoring Committee for "Review of RGGVY" as a regular agenda item in the District Level Vigilance and Monitoring Committee Meetings, to be chaired by the respective Member of Parliament.
- iv) Quality monitoring mechanism has been made more stringent.

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 3202 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

State-wise targets and achievement for electrification of un-electrified villages and release of free electricity connections to BPL households under RGGVY for the last three years and current year.

Sr. No.	States	2011-12				2012-13				2013-14				2014-15 (upto 30.06.2014)				Cumulative Achievement (as on 30.06.2014)	
		UEV		BPL HH		UEV		BPL HH		UEV		BPL HH		UEV + IEV		BPL HH		UEV#	BPL HH
		Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.		
1	Andhra Pradesh*^	0	0	96855	98232	0	0	0	50570	0	0	0	-2443	15000	-1	1500000	-141	-1	1997962
2	Arunachal Pradesh	1450	634	10638	11474	392	387	5507	7140	406	282	12051	18762		16		254	1998	47802
3	Assam	2062	1810	315819	232519	353	190	343464	101260	219	125	316868	204904		10		28719	8154	1142173
4	Bihar	2230	1048	717358	405736	1577	701	625733	201081	826	206	277375	106007		216		19569	23152	2476491
5	Chhattisgarh	901	682	334460	481971	695	214	247434	64504	525	164	156036	69538		212		12947	1447	1062396
6	Gujarat*	0	0	138987	102134	0	0	70904	26729	0	0	0	11672		5		0	5	841219
7	Haryana*^	0	0	33139	10617	0	0	43258	19	0	0	34757	5432		207		-38	207	199855
8	Himachal Pradesh	83	52	4364	5901	17	5	3199	5200	12	0	0	927		1030		288	1113	16493
9	Jammu & Kashmir	136	35	19793	13413	91	28	37784	9072	61	27	26905	14276		16		981	219	68343
10	Jharkhand	2153	724	466502	111597	982	181	213727	26070	362	47	152497	11608		2		2533	18135	1312966
11	Karnataka	0	2	72281	49604	0	1	121791	24640	0	-4	24781	16560		149		6433	207	881829
12	Kerala*	0	0	18517	0	0	0	38517	35755	0	0	45000	60229		95		2846	95	116068
13	Madhya Pradesh	492	228	658498	352976	163	92	581845	244422	45	98	432311	180737		863		49583	1557	1192136
14	Maharashtra*	0	0	150000	126317	0	0	43692	21148	0	0	41206	32709		265		3576	265	1218165
15	Manipur	591	345	37976	19421	330	0	78555	37	264	0	78518	807		0		24	616	29682
16	Meghalaya	1616	1022	27502	30792	694	482	46929	22727	212	144	24201	18262		28		320	1826	104077
17	Mizoram	81	53	8910	6236	48	5	12674	401	43	13	14858	4096		28		152	135	19392
18	Nagaland	38	22	18097	10712	26	9	41385	9048	17	4	35299	8237		1		664	93	46463
19	Odisha	2162	1039	1060424	518324	380	119	293830	78003	204	84	59073	38896		180		5454	14609	2870490
20	Punjab*	0	0	5528	0	0	0	94935	26479	0	0	0	20000		0		0	0	100404
21	Rajasthan	418	182	133399	85783	231	138	180713	97324	99	18	113711	17163		50		4868	4205	1162877
22	Sikkim	5	5	3271	2179	0	0	2119	417	0	0	2325	346		16		135	41	10264
23	Tamil Nadu*	0	0	0	4083	0	0	0	-1754	0	0	0	0		0		0	0	501202
24	Telangana*	Not in existence.													0		0	0	752297
25	Tripura	82	49	49066	22015	21	16	26520	18516	1	1	10636	16383		0		876	144	116761
26	Uttar Pradesh	0	0	0	172574	0	3	0	3037	0	-12	0	14695		0		0	27750	1062226
27	Uttarakhand	0	2	0	5288	0	0	0	4035	0	0	30595	29000		0		0	1511	263593
28	West Bengal	0	0	824144	559476	0	16	525485	220661	4	0	110997	62927		51		2708	4236	2212679
Total		14500	7934	5200000	3444902	6000	2587	3680000	1296541	3300	1197	2000000	961730	15000	3439	1500000	142751	111719	21826305

*In the States of Andhra Pradesh, Gujarat, Haryana, Kerala, Maharashtra, Punjab, Tamil Nadu and Telangana no un-electrified village was proposed in the DPRs by these States.

However, intensive electrification of already electrified villages are being undertaken in these States.

Includes achievement of Un-electrified villages and Intensive Electrification of electrified Villages during the year 2014-15.

^ After reconciliation, there is a reduction in the progress for the State of Andhra Pradesh & Haryana.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3206
TO BE ANSWERED ON 31.07.2014

ULTRA MEGA POWER PROJECTS

3206. SHRI RAMA CHANDRA HANSDAH:
SHRI VENKATESH BABU T.G.:

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

- (a) the details of Ultra Mega Power Projects (UMPP) under public-private partnership along with their power generation capacity approved by the Union Government during the Twelfth Five Year Plan and the actual generation capacity, present status of ongoing UMPP;
- (b) whether the Government has any proposal to set up more UMPP in the country;
- (c) if so, the details thereof including the total investment proposed therein and the power generation capacity likely to be added by these projects along with the time by which these projects are likely to start production;
- (d) whether there is any time over-run in completion of these projects awarded to some companies and if so, the reasons for delay in the implementation of these projects along with the steps being taken by the Government for their speedy implementation, project-wise;
- (e) whether while awarding contracts any right of first refusal given to State owned companies like National Thermal Power Corporation Limited, National Hydroelectric Power Corporation etc. and if so, the details thereof; and
- (f) whether the UMPP already commissioned were allowed to increase the originally contracted tariff price and if so, the 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): The details of Ultra Mega Power Projects (UMPPs) along with their power generation capacity and present status of awarded UMPPs is given at Annex-I.

(b) & (c) : Four UMPPs have already been awarded to the successful bidders. Details of other eleven UMPPs in pipeline are given at Annex-II. Indicative Project cost of each UMPP is about Rs. 25000-30000 crores. Entire investment is to be made by the developer selected through International Competitive Bidding Process. Commissioning schedule of these UMPPs can be given only after the projects are awarded to the developers. Each UMPP has generation capacity of approximately 4000 MW.

(d) : There is some delay in implementation of two out of the four awarded UMPPs so far. The issues have already been informed to the concerned Ministry/Department and State Governments. Project wise details are given below:

Sl. No.	Name of UMPP	Schedule Commercial operation Date (COD) as per PPA	Reason for delay
1	Krishnapatnam UMPP, Andhra Pradesh	Unit-1: 06/13 Unit-2: 10/13 Unit-3: 02/14 Unit-4: 06/14 Unit-5: 10/14 Unit-6: 02/15	The developer has stopped work at site, citing new regulation of coal pricing in Indonesia. The procurers have issued termination notice. The matter is subjudice.
2	Tilaiya UMPP, Jharkhand	Unit-1: 05/15 Unit-2: 10/15 Unit-3: 03/16 Unit-4: 08/16 Unit-5: 01/17 Unit-6: 06/17	Construction of the plant is held up as the land has not been handed over to the developer by Jharkhand Government.

(e) : State owned companies may participate in the bidding process for UMPPs. However, these companies do not have any first right of refusal.

(f) : For Mundra UMPP, developer has been allowed by the regulator to increase the tariff to compensate increase in cost of imported coal from Indonesia due to change in Indonesian coal Regulation and increase in Foreign exchanges rates.

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 3206
TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Awarded UMPPs.

Sl. No.	UMPP	Capacity (MW)	Location	Status
Madhya Pradesh				
1.	Sasan (6x660MW)	6x660= 3960	Sasan in District Singrauli.	Four units (4x660 MW) have been commissioned so far.
Gujarat				
2.	Mundra (5x800MW)	5x800= 4000	Mundra in village Tundawand in District Kutch.	All the 5 Units of Mundra UMPP have been commissioned.
Andhra Pradesh				
3.	Krishnapatnam (6x660MW)	6x660= 3960	Krishnapatnam in District Nellore.	The Project was awarded to M/s Reliance Power Ltd.(RPL) on 29.1.2008. RPL has stopped work at site, citing new regulation of coal pricing in Indonesia. Procurers issued termination notice to Coastal Andhra Power Ltd. (CAPL), on 15.3.12. CAPL approached Hon'ble High Court of Delhi. The Court has dismissed CAPL's petition. CAPL has now approached the Division Bench, Delhi High Court and Indian Arbitration Council.
Jharkhand				
4.	Tilaiya (6x660MW)	6x660= 3960	Near Tilaiya village in Hazaribagh and Koderma Districts.	Project awarded and transferred on 7.8.2009 to M/s Reliance Power Ltd. Construction of the plant is held up as the land has not been handed over to the developer by Jharkhand Government.

ANNEX REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 3206 TO BE ANSWERED IN THE LOK SABHA ON 31.07.2014.

Sl. No.	UMPP	Location	Status
Odisha			
1.	Bedabahal	Near Bedabahal in Sundergarh District.	Request for Proposal has been issued on 27.12.2013.
2.	1st additional UMPP in Orissa	At Bijoypatna in Chandbali Tehsil of Bhadrak district for coastal location	Site identified.
3.	2nd additional UMPP in Orissa	At Narla & Kasinga sub division of kalahandi District for inland location	Site identified.
Chhattisgarh			
4.	Chhattisgarh	Near Salka & Khameria villages in District Surguja.	RfQ issued on March 2010 and withdrawn on Oct. 2013 due to coal blocks falling in inviolate area.
Tamil Nadu			
5.	Tamil Nadu	Village Cheyyur, District Kancheepuram.	Request for Proposal has been issued on 27.12.2013.
6.	2nd Tamil Nadu UMPP	Site Not finalized	---
Jharkhand			
7.	2nd Jharkhand UMPP	At Husainabad, Deoghar Distt	Site identified.
Bihar			
8.	Bihar	At Kakwara in Banka Distt	Site identified.
Karnataka			
9.	Karnataka	State Govt. has identified a suitable site in Niddodi village of Mangalore taluka Dakshina Kannada District.	Site visit report sent by CEA to Govt. of Karnataka highlighting issues w.r.t the site.
Maharashtra			
10.	Maharashtra	Not finalized	Site could not be firmed up due to resistance by local people.
Gujarat			
11.	2nd Gujarat UMPP	Not finalized	----

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3208
TO BE ANSWERED ON 31.07.2014

NATIONAL ELECTRICITY FUND

3208. SHRI HARINDER SINGH KHALSA:

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

- (a) whether the Union Government has set up National Electricity Fund to promote capital investment in electricity distribution sector;
- (b) if so, the details of the progress made in utilisation of the fund; and
- (c) the progress of the capacity addition programme of the Government for increasing the supply of electricity to the citizens in the country?

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.

(b) : In 2012-13 & 2013-14 projects for Rs.26,406.77 Crore were approved for coverage under National Electricity Fund (NEF). No subsidy has so far been released under NEF scheme.

(c) : The details of the Plan-wise progress of the capacity addition programme of the Government are as indicated below:

Five Year Plan	Target (MW)	Achievement (MW)
Till 11 th Plan	266107	169860
12 th Plan (As on 30.06.2014)	54188.90	42677.70
