

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.428
ANSWERED ON 25.04.2013

HYDRO POWER GENERATION CAPACITY

*428. SHRI KISHNBHAI V. PATEL:
SHRI RAVNEET SINGH:

Will the Minister of POWER
be pleased to state:

- (a) whether there is any proposal to explore the potential of hydro power generation capacity in the country and invite Foreign Direct Investment (FDI) in the sector;
- (b) if so, the details thereof;
- (c) the target fixed for increasing the hydro power generation capacity during the 12th Five Year Plan period along with the funds proposed to be allocated/released and the steps taken/being taken by the Government to achieve the target; and
- (d) the locations identified for setting up of new hydro power projects in the country along with the steps being taken by the Government to remove the bottlenecks for construction of hydro power projects in the country?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(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. 428 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING HYDRO POWER GENERATION CAPACITY.

(a) & (b): As per the re-assessment studies carried out by Central Electricity Authority (CEA) during 1978-1987, the hydro power potential in terms of Installed Capacity (I.C.) is estimated at 148701 MW out of which 145320 MW of the potential consists of hydro electric schemes having I.C. above 25 MW.

As per the extant policy, Foreign Direct Investment (FDI) up to 100% is permitted in power sector, under the automatic route for generation, transmission, distribution and trading (excluding atomic energy) which includes hydro power generation also.

(c) & (d): Forty five (45) hydro projects having installed capacity of 10897 MW (25 MW & above) have been targeted for hydro power capacity addition during the 12th Plan, out of which 534 MW has already been commissioned till date. Details are at Annex.

The fund requirement for setting up of these projects is about Rs.87,176 crores which is to be met by the hydro developers themselves. However, a few hydro projects of national importance under Central Sector are provided partial gross budgetary support (GBS) by the Government for which a provision of Rs.2979.29 crores has been allocated in the 12th Five Year Plan. These funds are released through Central Public Sector Enterprises (CPSEs) on a year to year basis depending upon the progress and requirement of the projects. During the first year of the 12th Plan i.e. 2012-13, GBS of Rs.469.50 crores has been released whereas a provision of Rs.1576.55 crores has been kept for 2013-14.

The Government has taken the following steps to ensure achievement of the 12th Plan target including for hydro development in the country:-

- Each project is monitored by the Central Electricity Authority (CEA) continuously through frequent site visits, interaction with the developers, critical study of monthly progress reports, etc. Chairperson, CEA holds review meetings with the developers and other stakeholders to sort out the critical issues/bottlenecks.
- A Power Project Monitoring Panel (PPMP) has been set up by the Ministry of Power to independently follow up and monitor the progress of the hydro projects.

- Review meetings are taken by Ministry of Power regularly with the concerned officers of CEA, equipment manufacturers, State Utilities/ Central Public Sector Undertakings / Project developers, etc. to sort out the critical issues.
- Proper Project planning is ensured to take care of difficult weather and work conditions including transportation of critical manpower and material in the available working season.
- A Task Force on Hydro Power Development was constituted on 03.09.2007 under the Chairmanship of Minister of Power to examine & resolve all issues relating to Hydro Project Development. So far five meetings have been held. The 5th meeting was held on 27.02.2013.
- An Advisory Group under the Chairmanship of Minister of Power has been set up in January, 2013 to discuss and deliberate periodically issues pertaining to the Power Sector and suggest reforms in different areas related to the sector.

ANNEX REFERRED TO IN PARTS (c) & (d) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 428 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING HYDRO POWER GENERATION CAPACITY.

Hydro Projects (25 MW & above) for benefit during 12th Plan

S. No.	Project Name	State	Developer	I. C. (No. x MW)	Year wise Cap. Addition					Total
					2012-13	2013-14	2014-15	2015-16	2016-17	
A.	Commissioned									
	Central Sector									
1	Chamera-III	HP	NHPC	3x77	231					231
2	Chutak	J&K	NHPC	4x11	44					44
3	Teesta Low Dam-III	WB	NHPC	4x33	99	33				132
	Sub Total: Central Sector				374	33				407
	State Sector									
4	Myntdu-I, Addl Unit	Meghalaya	MeSEB	1x42	42					42
5a	Bhawani Barrage-III	Tamil Nadu	TANGEDCO	2x15	15					15
	Sub Total: State Sector				57					57
	Private Sector									
6	Budhil	HP	LANCO	2x35	70					70
	Sub Total: Private Sector				70					70
	Sub Total 'A': Commissioned				501	33				534
B.	Under Construction									
	Central Sector									
7	Pare HEP	Ar. P	NEEPCO	2x55			110			110
8	Kameng HEP	Ar. P	NEEPCO	4x150					600	600
9	Subansiri Lower HEP	Ar. P	NHPC	4x250*					1000	1000
10	Parbati-II HEP	H.P.	NHPC	4x200					800	800
11	Rampur HEP	H.P.	SJVNL	412		206	206			412
12	Kol Dam HEP	H.P.	NTPC	800			800			800
13	Parabati- III	HP	NHPC	4x130		390	130			520
14	Kishan Ganga	J & K	NHPC	3x110					330	330
15	Uri-II	J&K	NHPC	4x60		240				240
16	Nimoo Bazgo	J&K	NHPC	3x15		45				45
17	Tuirial	Mizoram	NEEPCO	2x30					60	60
18	Tapovan Vishnugad	Uttarakhand	NTPC	4x130				520		520
19	Teesta Low Dam-IV	WB	NHPC	4x40			160			160
	Sub Total: Central Sector					881	1406	520	2790	5597
	State Sector									
20	Lower Jurala	A.P.	APGENCO	6x40		40	160	40		240
21	Pulichintala	A.P.	APGENCO	4x30				60	60	120
22	Nagarjuna Sagar TR	AP	APGENCO	2x25			50			50

- 2 -

23	Kashang - I	H.P.	HPPCL	1x65			65			65	
24	Uhl-III	H.P.	BVPC	3x33.33			100			100	
25	Sawara Kuddu	H.P.	HPPCL	3x37			111			111	
26	Kashang II & III	H.P.	HPPCL	2x65				130		130	
27	Sainj	H.P.	HPPCL	2x50			100			100	
28	Baglihar-II	J & K	JKPDC	3x150					450	450	
29	Thottiar	Kerala	KSEB	1x30 + 1x10				40		40	
30	Pallivasal	Kerala	KSEB	2x30			60			60	
31	New Umtru	Meghalaya	MeECL	2x20			40			40	
32	Bhawani Barrage-II	Tamil Nadu	TANGEDCO	2x15		30				30	
5b	Bhawani Barrage-III	Tamil Nadu	TANGEDCO	2x15		15				30	
	Sub Total: State Sector						85	686	270	510	1551
	Private Sector										
33	Tidong-I	H.P.	N S L Tidong Power Gen. Ltd	2x50					100		100
34	Sorang	H.P.	Himachal Sorang Power Pvt. Ltd	2x50		100					100
35	Tangnu Romai-I	H.P.	Tangnu Romai Power Gen. Ltd	2x22					44		44
36	Maheshwar	MP	SMHPCL	10x40			400				400
37	Bhasmey	Sikkim	GATI	2x25.5					51		51
38	Jorethang Loop	Sikkim	DANS Pvt. Ltd	2x48					96		96
39	Rangit-IV	Sikkim	Jal Power	3x40					120		120
40	Teesta-VI	Sikkim	LANCO	4x125					500		500
41	Teesta-III	Sikkim	Teesta Urja	6x200					1200		1200
42	Chujachen	Sikkim	GATI	2x49.5		99					99
43	Singoli Bhatwari	Uttarakhand	L & T	3x33					99		99
44	Phata Byung	Uttarakhand	LANCO	2x38					76		76
45	Srinagar	Uttarakhand	AHPCo. Ltd.	4x82.5					330		330
	Sub Total: Private Sector						199	2222	794	0	3215
	Sub Total 'B': Under Construction					0	1165	4314	1584	3300	10363
	Total- 12 th Plan					501	1198	4314	1584	3300	10897

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.432
ANSWERED ON 25.04.2013

ALLOCATION OF POWER FROM CENTRAL POOL

†*432. SHRI A.T. NANA PATIL:
SHRIMATI SARIKA DEVENDERA SINGH BAGHEL:

Will the Minister of POWER
be pleased to state:

- (a) the criteria fixed for allocation of power from Central Pool to various States along with the quantum of power provided to the various States from the Central Pool during each of the last three years, State wise;
- (b) whether new power projects have been launched along with the increase in demand of power in the country;
- (c) if so, the details thereof along with the details of power generation from various sources during each of the last three years, State-wise;
- (d) whether there is uniformity in the demand, supply and consumption of power in all the States; and
- (e) if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 432 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING ALLOCATION OF POWER FROM CENTRAL POOL.

(a) : Power from Central Generating Stations to beneficiary States/Union Territories is allocated in accordance with formula for allocation of power which is being treated as guidelines from April, 2000. As per these guidelines, allocation of power is made to the States/UTs in two parts, namely firm allocation of 85% and 15% unallocated power for allocation by the Government for meeting the urgent/overall requirement. The firm allocation includes allocation of 12% free power to the affected States and 1% for local area development in case of Hydro Power Stations and 10% (not free) power to the home State in case of Thermal and Nuclear Power Stations. The balance 72%/75% power is distributed amongst the States / UTs of the region in accordance with the pattern of central plan assistance and energy consumption during the previous five years, both factors having equal weightage. Central plan assistance is determined in accordance with the Gadgil formula, in which population of the states is also taken into consideration. In case of joint venture projects, the equity contributing state gets benefit in firm allocation in accordance with their equity contribution.

The aforementioned guidelines for allocation of power from Central Generating Stations are applicable to the generating stations, for which PPAs have been signed upto 5th January, 2011. After 5th January, 2011, power is to be procured by the Distribution Companies/ Utilities through tariff based competitive bidding. In 13 new projects of NTPC, Central Government has in January, 2011 approved allocation of 50% of power to 'Home' State, 15% unallocated power at the disposal of Government of India and 35% to other constituents (except 'Home' State) of that region on the basis of extant guidelines on allocation of power giving equal weightage to central plan assistance and energy consumption by each State of the Region for preceding 5 years. Similar dispensation has also been provided by the Government in January, 2011 in respect of new projects of Nuclear Power Corporation of India Limited.

State-wise details of power allocated from Central Generating Stations to various states during last three years is given at Annex-I.

(b) & (c): Yes, Madam. New projects have been commissioned along with increase in demand of power in the country. The details of new projects commissioned in the last three years are given at Annex-II. The details of increase in demand in the last three years are given in Annex-III. The details of power generation from various sources during last three years are given at Annex-IV.

.....2.

(d) & (e): There is no uniformity in the demand, supply and consumption of power in all the States and these vary from State to State which is evident from the State-wise details of power demand and availability for the period from April, 2012 to March, 2013 in the country given at Annex-V.

The reasons for non-uniformity in demand-supply consumption and demand-supply gap are as under:-

- (i) Variation in population in various States.
- (ii) Different kinds of mix of various categories of consumers viz domestic, agricultural, industrial and commercial.
- (iii) Different mix of type of generation i.e. thermal, hydro, renewable.
- (iv) Variation in thrust given by different State Governments for augmentation of power generation capacity to meet rising demand of the States.
- (v) Varying financial conditions of the States leading to varying quantum of purchase of power from the sources outside the State.

ANNEX REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 432 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING ALLOCATION OF POWER FROM CENTRAL POOL.

State-wise Allocation of Power during peak hours

States	(Figures in MW)		
	As on 31.03.2011	As on 31.03.2012	As on 31.03.2013*
Chandigarh	209	204	211
Delhi	4098	3897	4232
Haryana	1939	1945	2224
Himachal Pradesh	1160	1156	1219
Jammu & Kashmir	1607	1603	1700
Punjab	2027	2045	2113
Rajasthan	2257	2374	2831
Uttar Pradesh	5420	5520	5779
Uttarakhand	750	796	844
Railways/Powergrid	102	102	102
Gujarat	2588	2768	3368
Madhya Pradesh	2444	2553	4527
Chhattisgarh	701	805	1127
Maharashtra	3634	3853	6781
Goa	437	444	491
Daman & Diu	155	165	319
DNH	531	566	906
DAE/Powergrid	21	17	17
Andhra Pradesh	2768	3306	3675
Karnataka	1500	1672	1810
Tamil Nadu	3329	3282	3766
Kerala	1296	1626	1633
Puducherry	386	394	396
NLC	100	100	100
Powergrid	6	6	6
Bihar	1662	1742	1802
Jharkhand	551	526	562
DVC	168	168	5990
Orissa	1544	1544	1705
West Bengal	1225	1225	1403
Sikkim	149	149	150
Powergrid	1	1	1.26
Arunachal Pradesh	139	134	134
Assam	811	721	746
Manipur	123	123	123
Meghalaya	212	212	212
Mizoram	76	74	74
Nagaland	88	80	80
Tripura	105	105	105

*Note: Allocation figures on 31.03.2013 includes capacity of dedicated CS stations, merchant power and capacity allocated/diverted from other stations located within/outside the region. The allocation figure for DVC as on 31.03.2013 includes allocation to DVC from its own generating stations while in other years this allocation from DVC stations is not included.

ANNEX-II

ANNEX REFERRED TO IN PARTs (b) & (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 432 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING ALLOCATION OF POWER FROM CENTRAL POOL.

LIST OF PROJECTS COMMISSIONED DURING 2012-2013

Sl. No	PROJECT NAME	STATE	SECTOR	FUEL TYPE	CAPACITY (MW)
1	SIMHAPURI TPP PH-1 U2	Andhra Pradesh	Private	COAL	150
2	THAMMINAPATNAM TPP I U 1	Andhra Pradesh	Private	COAL	150
3	KASAIPALLI TPS UNIT 2	Chhattisgarh	Private	COAL	135
4	KORBA WEST	Chhattisgarh	State	COAL	500
5	RATIJA TPP UNIT 1	Chhattisgarh	Private	COAL	50
6	SIPAT St-I STPP UNIT 3	Chhattisgarh	Central	COAL	660
7	PRAGATI III GT-3	Delhi	State	GAS	250
8	PIPAVA CCGP	Gujarat	State	GAS	351
9	SALAYA TPS U 2	Gujarat	Private	COAL	600
10	UKAI TPP EXT U-6	Gujarat	State	COAL	500
11	UMPP-MUNDRA U 2,3,4,5	Gujarat	Private	COAL	3200
12	UNOSUGEN CCGP MODULE 1	Gujarat	Private	GAS	382.5
13	INDIRA GANDHI (JHAJJAR) STPP U3	Haryana	Central	COAL	500
14	MAHATMA GANDHI TPP U2	Haryana	Private	COAL	660
15	Budhil Unit-1,2	Himachal Pradesh	Private	HYDRO	70
16	CHAMERA III UNIT 1,2,3	Himachal Pradesh	Central	HYDRO	231
17	CHUTAK HEP Unit 1,2,3,4	Jammu & Kashmir	Central	HYDRO	44
18	ADHUNIK POWER TPP U1,2	Jharkhand	Private	COAL	540
19	KODERMA TPP UNIT 2	Jharkhand	Central	COAL	500
20	AMARAVATI TPP PH 1 U1	Maharashtra	Private	COAL	270
21	BELA TPP-1U-1	Maharashtra	Private	COAL	270
22	BUTIBORI TPP U-1	Maharashtra	Private	COAL	300
23	EMCO WARORA TPP U1	Maharashtra	Private	COAL	300
24	GEPL TPP PH-1, UNIT 1,2	Maharashtra	Private	COAL	120
25	MOUDA TPP U1,2	Maharashtra	Central	COAL	1000
26	TIRORA TPP PH I UT-1,2	Maharashtra	Private	COAL	1320
27	MYNTDU U3	Meghalaya	State	HYDRO	42
28	BINA TPP U1,2	Madhya Pradesh	Private	COAL	500
29	MAHAN TPP UNIT 1	Madhya Pradesh	Private	COAL	600
30	SATPURA TPS EXTN U-10	Madhya Pradesh	State	COAL	250
31	VINDHYACHAL STPS-IV U-11,12	Madhya Pradesh	Central	COAL	1000
32	STERLITE (JHARSUGUDA) TPP U-4	Odisha	Private	COAL	600
33	KAMALANGA TPP U-1	Odisha	Private	COAL	350
34	JALIPA KAPURDI U5,6,7,8	Rajasthan	Private	LIG	540
35	RAMGARH GT	Rajasthan	State	GAS	110
36	BHAWANI KATTLAI BARRAGE-III U-1	Tamil Nadu	State	HYDRO	15
37	IND BARATH TUTICORIN U-1	Tamil Nadu	Private	COAL	150
38	METTUR TPP EXT U 1	Tamil Nadu	State	COAL	600
39	NORTH CHENNAI EXT U 2	Tamil Nadu	State	COAL	600
40	VALLUR TPP PH I UNIT 2	Tamil Nadu	Central	COAL	500
41	TRIPURA CCGT	Tripura	Central	GAS	363.3
42	HARDUGANJ TPP EXT. UNIT-9	Uttar Pradesh	State	COAL	250
43	PARICHHHA EXTN U-5,6	Uttar Pradesh	State	COAL	500
44	RIHAND STPP St-III UNIT 5	Uttar Pradesh	Central	COAL	500
45	TEESTA LOW DAM-III UNIT 1,2,3	West Bengal	Central	HYDRO	99

TOTAL

20622.8

LIST OF PROJECTS COMMISSIONED DURING 2011-2012

Sl. No.	PLANT NAME	STATE	SECTOR	FUEL TYPE	CAPACITY (MW)
1	SIMHADRI TPP U4	Andhra Pradesh	Central	COAL	500
2	SIMHAPURI ENERGY PVT LTD U1	Andhra Pradesh	Private	COAL	150
3	JURALA PRIYA U 6	Andhra Pradesh	State	HYDRO	39
4	KOTHAGUDEM ST-VI	Andhra Pradesh	State	COAL	500
5	LAKWA WH	Assam	State	GAS	37.2
6	SIPAT-I U1,2	Chhattisgarh	Central	COAL	1320
7	KASAIPALLI TPP	Chhattisgarh	Private	COAL	135
8	S. V. POWER TPP	Chhattisgarh	Private	COAL	63
9	KATGHODA TPP U1	Chhattisgarh	Private	COAL	35
10	RITHALA ST	Delhi	Private	GAS	36.5
11	PRAGATI-III (BAWANA) GT-3	Delhi	State	GAS/LNG	250
12	MUNDRA TPP PH-II U 2	Gujarat	Private	COAL	660
13	ULTRA MEGA MUNDRA U1	Gujarat	Private	COAL	800
14	SALAYA TPP U 1	Gujarat	Private	COAL	600
15	GSEG HAZIRA EXT	Gujarat	State	GAS/LNG	351
16	MUNDRA TPP-III U1-3	Gujarat	Private	COAL	1980
17	INDIRA GANDHI TPP (JHAJJAR) JV U2	Haryana	Central	COAL	500
18	MATHAMA GANDHAI(JHAJJAR)TPP U1	Haryana	Private	COAL	660
19	MALANA II U1,2	Himachal Pradesh	Private	HYDRO	100
20	KARCHAM WANGTOO U 1-4	Himachal Pradesh	Private	HYDRO	1000
21	KODARMA U1	Jharkhand	Central	COAL	500
22	MAITHAN RBC JV U1,2	Jharkhand	Private	COAL	1050
23	UDUPI TPP (LANCO NAGARJUNA) U2	Karnataka	Private	COAL	600
24	BELLARI TPP U2	Karnataka	State	COAL	500
25	JSW ENERGY, RATNAGIRI U3-4	Maharashtra	Private	COAL	600
26	TPS AT WARORA U4	Maharashtra	Private	COAL	135
27	MIHAN TPP	Maharashtra	Private	COAL	246
28	KHAPER KHEDA EXT	Maharashtra	State	COAL	500
29	BHUSAWAL TPP U4,5	Maharashtra	State	COAL	1000
30	MYNTDU St-I U1,2	Meghalaya	State	HYDRO	84
31	STERLITE TPP U3	Odisha	Private	COAL	600
32	JALIPA LIGNITE U 3,4	Rajasthan	Private	LIGNITE	270
33	VALLUR TPP PH-1 U1	Tamil Nadu	Central	COAL	500
34	NEYVELI - II LIG U1	Tamil Nadu	Central	LIGNITE	250
35	KOTESHWAR U3,4	Uttarakhand	Central	HYDRO	200
36	KHAMBRKHERA U 1,2	Uttar Pradesh	Private	COAL	90
37	MAQSOODPUR U 1,2	Uttar Pradesh	Private	COAL	90
38	BARKHERA TPP U 1,2	Uttar Pradesh	Private	COAL	90
39	KUNDARKI TPP U1,2	Uttar Pradesh	Private	COAL	90
40	UTRALA TPP U1,2	Uttar Pradesh	Private	COAL	90
41	ANPARA-C U1,2	Uttar Pradesh	Private	COAL	1200
42	ROSA TPP PH-II U3,4	Uttar Pradesh	Private	COAL	600
43	HARDUAGANJ EXT U-8	Uttar Pradesh	State	COAL	250
44	DURGAPUR STEEL U1,2	West Bengal	Central	COAL	1000
45	SANTALDIH EXT-U 6	West Bengal	State	COAL	250
		Total			20501.7

LIST OF PROJECT COMMISSIONED DURING 2010-11

Sl. No.	Plant Name	State	Sector	Fuel Type	Capacity (MW)
1	SIMHADRI-EXT U-3	Andhra Pradesh	Central	COAL	500
2	KONASEEMA ST	Andhra Pradesh	Private	GAS/LNG	165
3	KOND Andhra Pradesh ALLI CCPP PH-II ST	Andhra Pradesh	Private	GAS/LNG	133
4	JURALA PRIYA U 4,5	Andhra Pradesh	State	HYDRO	78
5	KAKATIYA TPP	Andhra Pradesh	State	COAL	500
6	RAYALSEEMA ST-III, U5	Andhra Pradesh	State	COAL	210
7	KORBA III U-7	Chhattisgarh	Central	COAL	500
8	RITHALA CCPP GT	DELHI	Private	GAS/LNG	71.5
9	PRAGATI-III (BAWANA) GT-1,2	DELHI	State	GAS/LNG	500
10	MUNDRA TPP PH-I, U 3,4	Gujarat	Private	COAL	660
11	MUNDRA TPP PH-II, U 1	Gujarat	Private	COAL	660
12	SURAT LIGNITE EXT U3,4	Gujarat	State	LIGNITE	250
13	INDIRA GANDHI TPP (JHAJJAR) JV U1	Haryana	Central	COAL	500
14	Rajasthan IV GANDHI TPS (HISSAR) U-2	Haryana	State	COAL	600
15	ALLAIN DUHANGAN	Himachal Pradesh	Private	HYDRO	192
16	SEWA-II U1,2,3	Jammu & Kashmir	Central	HYDRO	120
17	KAIGA U-4	Karnataka	Central	NUCLEAR	220
18	UD Uttar Pradesh I TPP (LANCO NAGARJUNA) U1	Karnataka	Private	COAL	600
19	RAICHUR U 8	Karnataka	State	COAL	250
20	KUTIYADI ADDL. EXT U1,2	Kerala	State	HYDRO	100
21	JSW ENERGY, RATNAGIRI U1,2	Maharashtra	Private	COAL	600
22	TPS AT WARORA U1-3	Maharashtra	Private	COAL	405
23	STERLITE TPP U 2,1	Odisha	Private	COAL	1200
24	BARSINGSAR LIG U1,2	Rajasthan	Central	LIGNITE	250
25	JALLIPA LIGNITE U2	Rajasthan	Private	LIGNITE	135
26	CHHABRA TPS U-2	Rajasthan	State	COAL	250
27	BARAMURA GT	Tripura	State	GAS/LNG	21
28	KOTESHWAR U1,2	Uttarakhand	Central	HYDRO	200
29	DADRI EXT U-6	Uttar Pradesh	Central	COAL	490
30	ROSA ST-I U2	Uttar Pradesh	Private	COAL	300
31	FARAKKA STAGE-III U-6	West Bengal	Central	COAL	500
32	MEJIA PH II U7,8	West Bengal	Central	COAL	1000
					12160.5

ANNEX REFERRED TO IN PARTs (b) & (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 432 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING ALLOCATION OF POWER FROM CENTRAL POOL.

State-wise Variation of energy Requirement during last three years									
	2012-13*	2011-12	% Change	2011-12	2010-11	% Change	2010-11	2009-10	% Change
State / System / Region	(MU)	(MU)		(MU)	(MU)		(MU)	(MU)	
Chandigarh	1637	1568	4.4	1568	1519	3.2	1519	1576	-3.6
Delhi	26078	26751	-2.5	26751	25625	4.4	25625	24277	5.6
Haryana	41407	36874	12.3	36874	34552	6.7	34552	33441	3.3
Himachal Pradesh	8982	8161	10.1	8161	7626	7	7626	7047	8.2
Jammu & Kashmir	15410	14250	8.1	14250	13571	5	13571	13200	2.8
Punjab	48600	45191	7.5	45191	44484	1.6	44484	45731	-2.7
Rajasthan	55524	51474	7.9	51474	45261	13.7	45261	44109	2.6
Uttar Pradesh	91647	81339	12.7	81339	76292	6.6	76292	75930	0.5
Uttarakhand	11331	10513	7.8	10513	9850	6.7	9850	8921	10.4
Northern Region	300616	276121	8.9	276121	258780	6.7	258780	254231	1.8
Chhattisgarh	17098	15013	13.9	15013	10340	45.2	10340	11009	-6.1
Gujarat	93209	74696	24.8	74696	71651	4.2	71651	70369	1.8
Madhya Pradesh	51117	49785	2.7	49785	48437	2.8	48437	43179	12.2
Maharashtra	122989	141382	-13	141382	128296	10.2	128296	124936	2.7
Daman & Diu	1940	2141	-9.4	2141	2181	-1.8	2181	1934	12.8
Dadar Nagar Haveli	4460	4380	1.8	4380	4429	-1.1	4429	4007	10.5
Goa	3116	3024	3	3024	3154	-4.1	3154	3092	2
Western Region	293929	290421	1.2	290421	268488	8.2	268488	258528	3.9
Andhra Pradesh	99785	91730	8.8	91730	78970	16.2	78970	78996	0
Karnataka	66295	60830	9	60830	50474	20.5	50474	45550	10.8
Kerala	21234	19890	6.8	19890	18023	10.4	18023	17619	2.3
Tamil Nadu	92150	85685	7.5	85685	80314	6.7	80314	76293	5.3
Puducherry	2328	2167	7.4	2167	2123	2.1	2123	2119	0.2
Lakshadweep	36	37	-2.7	37	25	48	25	24	4.2
Southern Region	281792	260302	8.3	260302	229904	13.2	229904	220576	4.2
Bihar	15410	14311	7.7	14311	12384	15.6	12384	11587	6.9
DVC	17433	16648	4.7	16648	16590	0.3	16590	15199	9.2
Jharkhand	7042	6280	12.1	6280	6195	1.4	6195	5867	5.6
Odisha	25152	23036	9.2	23036	22506	2.4	22506	21136	6.5
West Bengal	42123	38679	8.9	38679	36481	6	36481	33750	8.1
Sikkim	413	390	5.9	390	402	-3	402	388	3.6
Andaman- Nicobar	241	244	-1.2	244	240	1.7	240	240	0
Eastern Region	107573	99344	8.3	99344	94558	5.1	94558	87927	7.5
Arunachal Pradesh	585	600	-2.5	600	511	17.4	511	399	28.1
Assam	6518	6034	8	6034	5403	11.7	5403	5122	5.5
Manipur	573	544	5.3	544	568	-4.2	568	524	8.4
Meghalaya	1827	1927	-5.2	1927	1545	24.7	1545	1550	-0.3
Mizoram	405	397	2	397	369	7.6	369	352	4.8
Nagaland	567	560	1.3	560	583	-3.9	583	530	10
Tripura	1116	949	17.6	949	882	7.6	882	855	3.2
North-Eastern Region	11590	11011	5.3	11011	9861	11.7	9861	9332	5.7
All India	995500	937199	6.2	937199	861591	8.8	861591	830594	3.7

* Provisional

State-wise Variation of Peak Demand during last three years

	2012-13*	2011-12	% Change	2011-12	2010-11	% Change	2010-11	2009-10	% Change
State / System / Region	(MW)	(MW)		(MW)	(MW)		(MW)	(MW)	
Chandigarh	340	263	29.3	263	301	-12.6	301	308	-2.3
Delhi	5942	5031	18.1	5031	4810	4.6	4810	4502	6.8
Haryana	7432	6533	13.8	6533	6142	6.4	6142	6133	0.1
Himachal Pradesh	2116	1397	51.5	1397	1278	9.3	1278	1118	14.3
Jammu & Kashmir	2422	2385	1.6	2385	2369	0.7	2369	2247	5.4
Punjab	11520	10471	10	10471	9399	11.4	9399	9786	-4
Rajasthan	8940	8188	9.2	8188	7729	5.9	7729	6859	12.7
Uttar Pradesh	13940	12038	15.8	12038	11082	8.6	11082	10856	2.1
Uttarakhand	1759	1612	9.1	1612	1520	6.1	1520	1397	8.8
Northern Region	45860	40248	13.9	40248	37431	7.5	37431	37159	0.7
Chhattisgarh	3271	3239	1	3239	3148	2.9	3148	2819	11.7
Gujarat	11999	10951	9.6	10951	10786	1.5	10786	10406	3.7
Madhya Pradesh	10077	9151	10.1	9151	8864	3.2	8864	7490	18.3
Maharashtra	17934	21069	-14.9	21069	19766	6.6	19766	19388	1.9
Daman & Diu	311	301	3.3	301	353	-14.7	353	280	26.1
Dadar Nagar Haveli	629	615	2.3	615	594	3.5	594	529	12.3
Goa	524	527	-0.6	527	544	-3.1	544	485	12.2
Western Region	40075	42352	-5.4	42352	40798	3.8	40798	39609	3
Andhra Pradesh	14031	14054	-0.2	14054	12630	11.3	12630	12168	3.8
Karnataka	10124	10545	-4	10545	8430	25.1	8430	7942	6.1
Kerala	3578	3516	1.8	3516	3295	6.7	3295	3109	6
Tamil Nadu	12606	12813	-1.6	12813	11728	9.3	11728	11125	5.4
Puducherry	348	335	3.9	335	319	5	319	327	-2.4
Lakshadweep	8	8	0	8	7	14.3	7	6	16.7
Southern Region	37638	37599	0.1	37599	33256	13.1	33256	32178	3.4
Bihar	2295	2031	13	2031	2140	-5.1	2140	2249	-4.8
DVC	2606	2318	12.4	2318	2059	12.6	2059	1938	6.2
Jharkhand	1189	1030	15.4	1030	1108	-7	1108	1088	1.8
Odisha	3968	3589	10.6	3589	3872	-7.3	3872	3188	21.5
West Bengal	7322	6592	11.1	6592	6162	7	6162	6094	1.1
Sikkim	95	100	-5	100	106	-5.7	106	96	10.4
Andaman- Nicobar	48	48	0	48	40	20	40	40	0
Eastern Region	16655	14707	13.2	14707	13767	6.8	13767	13220	4.1
Arunachal Pradesh	116	121	-4.1	121	101	19.8	101	95	6.3
Assam	1197	1112	7.6	1112	971	14.5	971	920	5.5
Manipur	122	116	5.2	116	118	-1.7	118	111	6.3
Meghalaya	334	319	4.7	319	294	8.5	294	280	5
Mizoram	75	82	-8.5	82	76	7.9	76	70	8.6
Nagaland	110	111	-0.9	111	118	-5.9	118	100	18
Tripura	229	215	6.5	215	220	-2.3	220	176	25
North-Eastern Region	1998	1920	4.1	1920	1913	0.4	1913	1760	8.7
All India	135453	130006	4.2	130006	122287	6.3	122287	119166	2.6

* Provisional

ANNEX REFERRED TO IN PARTs (b) & (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 432 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING ALLOCATION OF POWER FROM CENTRAL POOL.

1.2 Power generated in last three years including current year—source wise, year wise State / UT wise

Sl. No.	Region / State	Category	Actual Generation in MU			
			2012-13	2011-12	2010-11	2009-10
1	BBMB	HYDRO	10,941.96	12,459.50	11,273.40	9,371.30
2	DELHI	THERMAL	10,740.71	9,970.70	9,130.00	10,152.80
3	HARYANA	HYDRO	-	-	-	235.4
		THERMAL	25,452.55	24,046.50	18,854.80	18,154.90
		Total (Haryana)	25,452.55	24,046.50	18,854.80	18,390.40
4	HIMACHAL PRADESH	HYDRO	20,330.53	19,160.60	15,388.60	14,452.30
5	JAMMU AND KASHMIR	HYDRO	12,469.81	12,279.10	12,418.10	11,422.40
		THERMAL	0	5.4	14.1	12.5
		Total (J&K)	12,469.81	12,284.50	12,432.20	11,434.90
6	PUNJAB	HYDRO	3,930.12	4,626.90	4,190.80	3,499.30
		THERMAL	18,004.78	19,068.40	18,324.80	20,295.70
		Total (Punjab)	21,934.90	23,695.30	22,515.60	23,795.00
7	RAJASTHAN	HYDRO	845.92	821.6	390.1	352.1
		THERMAL	32,680.07	31,531.50	27,156.20	25,553.70
		NUCLEAR	8,847.86	8,974.10	7,704.50	3,488.30
		Total (Raj.)	42,373.85	41,327.10	35,250.90	29,394.00
8	UTTAR PRADESH	HYDRO	1,580.06	1,403.70	700	947.3
		THERMAL	1,00,256.04	93,620.00	91,645.80	86,513.60
		NUCLEAR	2,544.37	1,983.80	1,886.50	817.6
		Total (UP)	1,04,380.47	97,007.50	94,232.20	88,278.40
9	UTTARAKHAND	HYDRO	12,452.65	13,542.50	11,488.70	9,779.60
	Northern		261077.43	2,53,494.2	2,30,566.5	2,15,048.7
10	CHHATTISGARH	HYDRO	301.94	314.1	125.2	279.9
		THERMAL	67,826.91	59,061.20	56,030.50	51,518.00
		Total (Chhat.)	68,128.85	59,375.40	56,155.70	51,797.90
11	GOA	THERMAL	249.08	277.1	292.3	320.9
12	GUJARAT	HYDRO	4,560.46	4,959.00	4,164.30	2,956.80
		THERMAL	82,724.70	69,678.50	65,603.80	61,137.20
		NUCLEAR	3,470.47	3,787.40	1,446.10	1,068.10
		Total (Guj.)	90,755.63	78,424.80	71,214.20	65,162.10
13	MADHYA PRADESH	HYDRO	7,215.19	7,736.10	4,898.00	4,830.20
		THERMAL	43,480.92	41,696.30	42,708.90	43,596.50
		Total (M.P.)	50,696.11	49,432.40	47,606.90	48,426.70
14	MAHARASHTRA	HYDRO	5,517.84	6,238.40	5,828.20	5,740.30
		THERMAL	76,804.41	77,338.90	71,839.20	69,767.20
		NUCLEAR	9,824.89	9,814.50	9,117.00	7,990.90
		Total (Mah.)	92,147.14	93,391.70	86,784.40	83,498.40
	Western	Total	301976.81	2,80,901.4	2,62,053.4	2,49,206.0
15	ANDHRA PRADESH	HYDRO	3,448.11	6,370.80	8,009.60	5,880.40
		THERMAL	83,648.00	85,697.90	77,122.70	73,400.70
		Total (AP)	87,096.11	92,068.70	85,132.30	79,281.10
16	KARNATAKA	HYDRO	10,160.75	14,259.90	10,746.90	12,651.40
		THERMAL	28,352.90	24,112.70	22,213.00	19,586.00
		NUCLEAR	5,441.75	5,210.70	3,873.10	3,225.60
		Total (Kar.)	43,955.40	43,583.30	36,833.00	35,462.90

17	KERALA	HYDRO	4,647.22	7,808.00	6,801.60	6,710.40
		THERMAL	2,208.99	1,045.70	2,461.10	3,658.50
		Total (Kr.)	6,856.21	8,853.70	9,262.70	10,368.80

18	LAKSHADWEEP	THERMAL			-	29.3
19	PUDUCHERRY	THERMAL	220.43	251.5	195.5	227.3
20	TAMIL NADU	HYDRO	2,884.77	5,199.30	4,957.50	5,614.90
		THERMAL	47,999.67	46,697.80	45,222.30	47,024.80
		NUCLEAR	2,741.52	2,516.10	2,239.30	2,046.10
		Total (TN)	53,625.96	54,413.20	52,419.10	54,685.90
	Southern	Total	1,91,754.11	1,99,170.3	1,83,842.5	1,80,055.2
21	ANDAMAN NICOBAR	HYDRO			-	11.1
		THERMAL	130.99	94.9	86.8	214
		Total	130.99	94.9	86.8	225
22	BIHAR	HYDRO			-	30.2
		THERMAL	14,706.46	13,812.30	14,568.70	12,036.30
		Total (Bihar)	14,706.46	13,812.30	14,568.70	12,066.50
23	DVC	HYDRO	199.36	296.1	115	198.1
		THERMAL	25,956.21	19,536.60	16,549.90	14,690.60
		Total (DVC)	26,155.57	19,832.70	16,664.90	14,888.70
24	JHARKHAND	HYDRO	142.29	270.1	3.5	115.7
		THERMAL	11,422.49	6,387.20	5,678.50	5,557.70
		Total (Jhar.)	11,564.78	6,657.30	5,681.90	5,673.40
25	ORISSA	HYDRO	4,351.33	4,987.30	4,754.30	3,920.00
		THERMAL	37,276.82	35,298.60	30,910.50	30,773.60
		Total (Odisha)	41,628.15	40,285.90	35,664.70	34,693.60
26	SIKKIM	HYDRO	2,588.64	2,920.60	2,976.50	2,968.10
		THERMAL			-	0.1
		Total (Sikkim)	2,588.64	2,920.60	2,976.50	2,968.20
27	WEST BENGAL	HYDRO	1,137.20	1,077.90	1,130.00	1,110.80
		THERMAL	45,698.91	45,030.70	43,955.60	42,238.90
		Total (WB)	46,836.11	46,108.50	45,085.60	43,349.70
	Eastern		143610.7	1,29,712.2	1,20,729.0	1,13,865.1
28	ARUNACHAL PRADESH	HYDRO	1239.66	978.4	1,399.60	1,053.00
29	ASSAM	HYDRO	1,102.89	1,453.00	1,198.80	1,184.80
		THERMAL	3,097.56	3,102.90	3,129.90	3,133.20
		Total (Assam)	4,200.45	4,555.90	4,328.70	4,318.00
30	MANIPUR	HYDRO	581.75	523.5	603.9	381.4
		THERMAL			-	0.3
		Total (Manipur)	581.75	523.5	603.9	381.7
31	MEGHALAYA	HYDRO	782.42	594.5	438.8	675
32	MIZORAM	THERMAL			-	
33	NAGALAND	HYDRO	213.33	228.8	256	257.6
34	TRIPURA	HYDRO			-	49.8
		THERMAL	1,426.83	1,442.80	1,313.40	1,282.50
		Total (Tripura)	1,426.83	1,442.80	1,313.40	1,332.30
	North-Eastern	Total	8,444.44	8,324.00	8,340.40	8,017.50
35	Bhutan (Import)	HYDRO	4,788.82	5,284.50	5,610.90	5,358.60
		Grand Total	911652.31	8,76,886.5	8,11,142.8	7,71,551.1

* Provisional.

**Joint projects of Haryana , Punjab, H P& Rajasthan.

Note: 1. Projects of capacity upto 25 MW are not being monitored in CEA since 01.04.2010.

2. Central sector power projects generation figure are included in state generation.

ANNEX-V

ANNEX REFERRED TO IN PARTs (d) & (e) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 432 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING ALLOCATION OF POWER FROM CENTRAL POOL.

Power Supply Position for 2012-13 (Provisional)

State/System/ Region	Energy				Peak			
	April, 2012 - March,2013				April, 2012 - March,2013			
	Requirement (MU)	Availability (MU)	Surplus/Deficit (-) (MU) (%)		Peak Demand (MW)	Peak Met (MW)	Surplus/Deficit (-) (MW) (%)	
Chandigarh	1,637	1,637	0	0	340	340	0	0
Delhi	26,078	25,940	-138	-0.5	5,942	5,642	-300	-5.0
Haryana	41,407	38,209	-3,198	-7.7	7,432	6,725	-707	-9.5
Himachal Pradesh	8,982	8,735	-247	-2.7	2,116	1,672	-444	-21.0
Jammu & Kashmir	15,410	11,558	-3,852	-25.0	2,422	1,817	-605	-25.0
Punjab	48,600	45,995	-2,605	-5.4	11,520	8,751	-2,769	-24.0
Rajasthan	55,524	53,853	-1,671	-3.0	8,940	8,515	-425	-4.8
Uttar Pradesh	91,647	76,446	-15,201	-16.6	13,940	12,048	-1,892	-13.6
Uttarakhand	11,331	10,709	-622	-5.5	1,759	1,674	-85	-4.8
Northern Region	300,616	273,082	-27,534	-9.2	45,860	41,790	-4,070	-8.9
Chhattisgarh	17,098	16,799	-299	-1.7	3,271	3,134	-137	-4.2
Gujarat	93,209	93,061	-148	-0.2	11,999	11,960	-39	-0.3
Madhya Pradesh	51,117	46,163	-4,954	-9.7	10,077	9,462	-615	-6.1
Maharashtra	122,989	118,977	-4,012	-3.3	17,934	16,765	-1,169	-6.5
Daman & Diu	1,940	1,809	-131	-6.8	311	286	-25	-8.0
Dadar Nagar Haveli	4,460	4,287	-173	-3.9	629	629	0	0.0
Goa	3,116	3,042	-74	-2.4	524	475	-49	-9.4
Western Region	293,929	284,138	-9,791	-3.3	40,075	39,486	-589	-1.5
Andhra Pradesh	99,785	82,254	-17,531	-17.6	14,031	11,630	-2,401	-17.1
Karnataka	66,295	57,065	-9,230	-13.9	10,124	8,761	-1,363	-13.5
Kerala	21,234	20,382	-852	-4.0	3,578	3,262	-316	-8.8
Tamil Nadu	92,150	76,009	-16,141	-17.5	12,606	11,053	-1,553	-12.3
Pondicherry	2,328	2,288	-40	-1.7	348	320	-28	-8.0
Lakshadweep	36	36	0	0	8	8	0	0
Southern Region	281,792	237,998	-43,794	-15.5	37,638	31,586	-6,052	-16.1
Bihar	15,410	12,835	-2,575	-16.7	2,295	1,784	-511	-22.3
DVC	17,433	16,461	-972	-5.6	2,606	2,525	-81	-3.1
Jharkhand	7,042	6,753	-289	-4.1	1,189	1,097	-92	-7.7
Orissa	25,152	24,318	-834	-3.3	3,968	3,694	-274	-6.9
West Bengal	42,123	41,834	-289	-0.7	7,322	7,249	-73	-1.0
Sikkim	413	413	0	0.0	95	95	0	0.0
Andaman- Nicobar	241	186	-55	-23	48	48	0	0
Eastern Region	107,573	102,614	-4,959	-4.6	16,655	15,415	-1,240	-7.4
Arunachal Pradesh	585	550	-35	-6.0	116	114	-2	-1.7
Assam	6,518	6,071	-447	-6.9	1,197	1,148	-49	-4.1
Manipur	573	542	-31	-5.4	122	120	-2	-1.6
Meghalaya	1,827	1,606	-221	-12.1	334	330	-4	-1.2
Mizoram	405	377	-28	-6.9	75	73	-2	-2.7
Nagaland	567	536	-31	-5.5	110	109	-1	-0.9
Tripura	1,116	1,061	-55	-4.9	229	228	-1	-0.4
North-Eastern Region	11,590	10,742	-848	-7.3	1,998	1,864	-134	-6.7
All India	995,500	908,574	-86,926	-8.7	135,453	123,294	-12,159	-9.0

Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these, does not form part of regional requirement and availability

Note : Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States. Net export has been accounted for in the consumption of importing States.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.437
ANSWERED ON 25.04.2013

NATIONAL ELECTRICITY FUND

*437. SHRI ASADUDDIN OWAISI:
SHRI A. VENKATARAMI REDDY:

Will the Minister of POWER
be pleased to state:

- (a) whether any scheme has been launched to provide interest subsidy on loans raised from the financial institutions through the National Electricity Fund (NEF) for the works to be carried out in the distribution sector during the financial years 2012-2013 and 2013-14;
- (b) if so, the details thereof;
- (c) the details of the proposals received by the Union Government from various State Governments under the scheme along with the total subsidy provided so far, State/UT-wise;
- (d) whether the Government proposes to revise the eligibility criteria for the States to get the subsidy; and
- (e) if so, the details thereof along with the steps taken/being taken by the Government to link the subsidy to the progress achieved by the States in this regard?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 437 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING NATIONAL ELECTRICITY FUND.

(a) & (b) : Government of India launched the National Electricity Fund (Interest Subsidy Scheme) in July 2012 to provide interest subsidy on loans raised by both public and private Distribution Companies (DISCOMS), for capital works sanctioned by financial institutions to improve the infrastructure in distribution sector during the financial year 2012-13 and 2013-14. Details of the Scheme are at Annex-I.

(c) : Projects worth Rs.10,953.80 Crores have been sanctioned by the Union Government to various Utilities/States for consideration of Interest subsidy benefit under National Electricity Fund. Details are at Annex-II.

(d) & (e) : Not applicable

ANNEX REFERRED TO IN PARTs (a) & (b) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 437 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING NATIONAL ELECTRICITY FUND.

Government of India has approved setting up of National Electricity Fund (Interest Subsidy Scheme) to provide interest subsidy on loans disbursed to the State Power Utilities, Distribution Companies (DISCOMS) – both in public and private sector for the loans taken from Private & Public Financial Institutions, to improve the infrastructure in distribution sector.

2. Rural Electrification Corporation (REC), would be the Nodal Agency to operationalise the scheme.

3. Under NEF scheme, interest subsidy would be provided on loans taken by private and public power utilities in distribution sector for non Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) and non Restructured Accelerated Power Development and Reforms Programme (R-APDRP) projects.

4. The preconditions for eligibility are linked to reform measures taken by the States and the amount of interest subsidy is linked to the progress achieved in reforms linked parameters. The preconditions of eligibility are operationalisation of State Electricity Regulatory Commission (SERC), formulation of business plan for turn around of utilities, re-organization of State Electricity Boards (SEB), release of subsidy by State Government to DISCOMs, submission of audited annual accounts and timely filing of tariff petition.

5. There will be two categories of States for working out the interest subsidy- Special category and focused states, and States other than special category and focused states. Each power utility eligible for subsidy on interest would be assigned marks based on reforms measures i.e. reduction in AT&C losses; reduction in revenue gap (Average Cost of Supply (ACS) - Average Revenue Realized on subsidy received basis); return on equity and multi year tariff (MYT). Based on the consolidated score achieved on these parameters, the utilities would be categorized and will be eligible for subsidy in interest rates from 3% to 5% in States other than Special category and focused states and 5% to 7% in Special Category and focused states.

6. National Electricity Fund would provide interest subsidy aggregating Rs. 8466 crore spread over 14 years for loan disbursement amounting to Rs. 25,000 crore for distribution schemes sanctioned during the 2 years viz., 2012-13 and 2013-14.

ANNEX-II

ANNEX REFERRED TO IN PART (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 437 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING NATIONAL ELECTRICITY FUND.

Sl. No.	Name of Utility	Name of State	Total Project Cost	Loan Amount sanctioned for Interest Subsidy benefit under NEF
1	MSEDCL	Maharashtra	7042.61	5657.13
2	APNPDCL	Andhra Pradesh	1829.56	1646.60
3	APSPDCL	Andhra Pradesh	1291.43	1151.46
4	APEPDCL	Andhra Pradesh	157.25	143.57
5	HPSEBL	Himachal Pradesh	388.53	330.79
6	MPMKVVCL	Madhya Pradesh	488.03	203.56
7	MPPoKVVCL	Madhya Pradesh	866.64	196.53
8	UPCL	Uttarakhand	179.99	125.99
9	UHBVNL	Haryana	68.94	62.05
10	WBSEDCL	West Bengal	1249.37	1124.43
11	CSPDCL	Chhattisgarh	379.55	311.70
	TOTAL		13941.89	10953.80

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.440
ANSWERED ON 25.04.2013

PERFORMANCE OF POWER GENERATION EQUIPMENT

*440. SHRI EKNATH M. GAIKWAD:
SHRI N.S.V. CHITTHAN:

Will the Minister of POWER
be pleased to state:

- (a) the details of the Chinese firms supplying power generation equipment in the country;
- (b) whether the Central Electricity Authority (CEA) is aware about the problems being faced by some power project developers that have used Chinese equipment and if so, the details thereof;
- (c) whether the CEA has evaluated the performance of power generation equipment in the country supplied by the Chinese firms;
- (d) if so, the details thereof and the outcome thereof; and
- (e) the steps taken/being taken by the Government to reduce the dependency on Chinese power equipment?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 440 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013 REGARDING PERFORMANCE OF POWER GENERATION EQUIPMENT.

(a) : Generation equipment (boilers and turbine generators) for thermal generating units being imported from China is mostly being supplied by three major Chinese manufacturers M/s Dongfang Electric, Shanghai Electric and Harbin Power along with their group companies.

(b) to (d) : As informed by CEA no problems with Chinese equipment have been brought out by the developers at large. However, incidents of forced shutdown on Chinese units in Yamunanagar Thermal Power Station (2x300 MW) due to damage to HIP turbine rotor and Failure of LP turbine blades and in Hissar Thermal Power Station - Unit 1 of 600 MW due to high vibration and blade damage were reported by Haryana Power Generation Corporation Ltd. (HPGCL). Repairs were undertaken by the HPGCL/suppliers and the units have been restored to service.

(e) : The following steps have been taken by the Government to reduce dependency on Chinese power equipments:-

(i) In view of large thermal capacity addition programme envisaged mostly through supercritical units, efforts have been made to create indigenous manufacturing capacity for supercritical equipment. BHEL have entered into technology collaboration agreements with M/s. Alstom (France) and Siemens (Germany) for manufacturing of supercritical boiler and turbine generators respectively. BHEL have also taken up augmentation of its manufacturing capacity and is stated to have achieved a capacity of 20,000 MW/year. Apart from BHEL, several Joint Ventures for manufacture of supercritical boilers and turbine generators have been set up in the country and the total manufacturing capacity envisaged by the JVs is about 16000 MW/Year for boilers and 15,000 MW/Year for turbine generators.

- (ii) With a view to encourage domestic suppliers and provide orders to them, bulk orders for 11 nos. 660 MW supercritical units for NTPC and DVC and 9 nos. 800 MW supercritical units for NTPC were approved by the Government and have been undertaken by NTPC. These bulk orders are with mandatory requirement of indigenization of manufacturing of supercritical units by the successful bidders as per a pre-agreed Phased Manufacturing Programme (PMP). The roadmap for PMP has also been defined indicating milestones for setting up manufacturing facilities for boilers and turbine generators.
- (iii) In order to compensate the disadvantages suffered by the domestic power equipment manufacturing industry on account of higher interest rates, local taxes and infrastructural inadequacies, create a level playing field to the domestic power equipment manufacturing industry vis-à-vis foreign vendors and promote self sufficiency in this vital sector, Government has levied Custom Duty @5%, Countervailing Duty (CVD) @12% (as applicable and equal to excise duty on domestic industry from time to time) & Special Additional Duty (SAD) @ 4% on the imported equipments of all categories of Power generation projects, viz., Mega Power Projects (including UMPPs) and non-Mega Power Projects.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4826
ANSWERED ON 25.04.2013

HIKE IN POWER TARIFF

†4826. SHRIMATI SEEMA UPADHYAY:

SHRI HARSH VARDHAN:
SHRI MAHESHWAR HAZARI:
SHRIMATI USHA VERMA:

Will the Minister of POWER
be pleased to state:

- (a) whether Delhi Electricity Regulatory Commission has inter-alia recommended to his Ministry to increase the power tariff citing loss of private companies distributing power in Delhi;
- (b) if so, the details thereof;
- (c) whether his Ministry is considering to know the truth by getting the loss cited by the private companies audited by Comptroller and Auditor General, (CAG); and
- (d) if so, the details thereof?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : The electricity tariff in NCT of Delhi is determined by the Delhi Electricity Regulatory Commission (DERC) as per provisions contained in Section 62 & 86 of the Electricity Act, 2003. The Central or State Government has no role in this exercise.

The Commission, under the provisions contained in Section 86(2) of the Electricity Act, 2003 has sent a Statutory Advice to the Government of NCT of Delhi on various issues relating to liquidation of revenue gap, loss on account of sale of surplus power, allocation of power from pit-head power generating stations of NTPC, need to extend various Central Government sponsored schemes to the benefit of electricity consumer of NCT of Delhi, along with a host of other important issues.

(c) & (d): The Government of NCT Delhi has informed that in the process of tariff determination, DERC carries out various prudence checks while considering the tariff petitions submitted by distribution companies. However, DERC has also recommended to get accounts of three private distribution utilities, at least for the last three financial years, audited by the C&AG (Comptroller and Auditor General of India).

The Power Department of Government of NCT Delhi vide affidavit submitted to Hon'ble High Court in W.P. (C) No.895 of 2011 has stated that the Delhi Cabinet has approved for an audit of the BSES Group of Distribution Companies' accounts by the C&AG since inception. This decision is in furtherance of the earlier decision of the Government as stated in the short affidavit dated 9.11.2011 that "...given the need to carry the conviction of the general public/consumers about the authenticity of the claims of the Discoms, it may well be desirable to get the occasional C&AG audit done". This matter is sub-judice at present.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4828
ANSWERED ON 25.04.2013

RGGVY UNDER SCANNER OF DVMC

4828. SHRI MANICA TAGORE:

Will the Minister of POWER
be pleased to state:

- (a) whether his Ministry has received any proposal from the Ministry of Rural Development that the implementation of Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) may be brought under the scanner of the District Level Vigilance Monitoring Committees (DVMCs);
- (b) if so, the details thereof; and
- (c) the response and the action taken by his Ministry in the matter?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Yes, Madam. On the request of Ministry of Power, Ministry of Rural Development has expanded the scope of District Level Vigilance and Monitoring Committee to include "Review of RGGVY" as a regular agenda item.

(c) : Ministry of Power has asked Rural Electrification Corporation, the nodal agency for RGGVY, to advice all agencies implementing RGGVY in the country to associate with District level Vigilance and Monitoring Committees for facilitating the review.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4829
ANSWERED ON 25.04.2013

POWER FLUCTUATIONS

4829. SHRI A.K. S. VIJAYAN:

Will the Minister of POWER
be pleased to state:

- (a) whether the Government is aware of the reports that power fluctuations are damaging electrical appliances in homes and establishments and in many cases causing fatal accidents in the country;
- (b) if so, the details thereof; and
- (c) the remedial measures proposed to be taken by the Government in this regard?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) : No reports of damaging electrical appliances in homes and establishments causing fatal accidents in the country due to electricity fluctuations have been received by the Government. Government of India has notified appropriate regulations called "Central Electricity Authority (Measures Relating to Safety and Electricity Supply) Regulations, 2010" which is applicable throughout India. Further, as per section 42 of the Electricity Act, 2003: "It shall be the duty of a distribution licensee to develop and maintain an efficient, coordinated and economical distribution system in his area of supply and to supply electricity in accordance with the provisions contained in this Act." State Electricity Regulatory Commissions (SERCs) are entrusted with overseeing the performance of the licensees under their jurisdiction. Licensees are to comply with the standards of performance as laid down by the appropriate Commissions.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4831
ANSWERED ON 25.04.2013

NEW THERMAL POWER PROJECTS

4831. SHRI E.G. SUGAVANAM:

Will the Minister of POWER
be pleased to state:

- (a) whether new Thermal Power Projects are proposed to be set up in the country including Odisha during the 12th Five Year Plan period;
- (b) if so, the details thereof along with the estimated cost of the projects, project wise; and
- (c) the time by which the new projects are likely to be set up?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) : Thermal Power Projects with the capacity of 72,339.6 MW have been proposed to be set up in the country including 3,960 MW in Odisha during the 12th Five Year Plan. The details of these thermal power projects along with their estimated cost and likely date of commissioning are indicated at Annex.

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 4831 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

THERMAL POWER PROJECTS TARGETED FOR COMMISSIONING DURING 12TH PLAN

AS ON 22-Apr-2013

Sector State	Project Name	Impl. Agency	Project Est. Cost (Rs. in lakhs)	Unit No.	Cap. (MW)	Cap (MW) Achieved	Act(A)/Ant. Comm. Date
<u>CENTRAL SECTOR</u>							
Assam	Bongaigaon TPP	NTPC	437535	U-1	250	---	06/2014
				U-2	250	---	05/2015
				U-3	250	---	10/2015
Bihar	Barh STPP- I	NTPC	869297	U-1	660	---	06/2015
				U-2	660	---	04/2016
				U-3	660	---	02/2017
Bihar	Barh STPP-II	NTPC	734104	U-4	660	---	10/2013
				U-5	660	---	09/2014
Bihar	Muzaffarpur TPP Exp	NTPC	315433	U-3	195	---	03/2014
				U-4	195	---	09/2014
Bihar	Nabi Nagar TPP	NTPC	535200	U-1	250	---	07/2014
				U-2	250	---	01/2015
				U-3	250	---	07/2015
				U-4	250	---	01/2016
Chhattisgarh	Sipat-I	NTPC	832339	U-3	660	660	02/06/12(A)
Haryana	Indira Gandhi TPP	APCPL	829300	U-3	500	500	07/11/12(A)
Jharkhand	BokaroTPS "A"Exp.	DVC	231300	U-1	500	---	08/2014
Jharkhand	Koderma TPP	DVC	431300	U-2	500	500	15/02/13(A)
Maharashtra	Mouda TPP	NTPC	545928	U-1	500	500	19/04/12(A)
				U-2	500	500	29/03/13(A)
MP	Vindhyachal TPP-IV	NTPC	591500	U-11	500	500	14/06/12(A)
				U-12	500	500	22/03/13(A)
TN	Neyveli TPS-II Exp.	NLC	245357	U-2	250	---	03/2014
TN	Tuticorin JV	NLC	490954	U-1	500	---	12/2013
				U-2	500	---	03/2014
TN	Vallur TPP Ph I	NTECL	555278	U-2	500	500	28/02/13(A)
TN	Vallur TPP-II	NTECL	308678	U-3	500	---	02/2014
Tripura	Monarchak CCGP	NEEPCO	62344	GT+ST	101	---	05/2014
Tripura	Tripura Gas	OTPC	342900	Module-1	363.3	363.3	03/01/13(A)
				Module-2	363.3	---	08/2013
UP	Rihand TPP- III	NTPC	623081	U-5	500	500	25/05/12(A)
				U-6	500	---	11/2013
WB	Raghunathpur TPP, Ph-I	DVC	412200	U-1	600	---	07/2013
				U-2	600	---	03/2014
			Sub Total :		14877.6	5023.3	
<u>STATE SECTOR</u>							
AP	Damodaram Sanjeevaiah TPS	APPDL	843214	U-1	800	---	05/2014
				U-2	800	---	11/2014
AP	Rayalseema St-III U-6	BHEL	302886	U-6	600	---	12/2015
Assam	Namrup CCGT	APGCL	69400	GT	70	---	12/2013
				ST	30	---	03/2014
Chhattisgarh	Korba West St-III.	CSPGCL	315600	U-5	500	500	22/03/13(A)
Chhattisgarh	Marwa TPP	CSPGCL	631800	U-1	500	---	08/2013
				U-2	500	---	12/2013
Delhi	Pragati CCGT - III	PPCL	519581	GT-3	250	250	27/06/12(A)
				GT-4	250	---	05/2013
				ST-2	250	---	08/2013
Gujarat	Pipavav CCGP	GSECL	254558	Block-1	351	---	07/2013
				Block-2	351	351	27/03/13(A)
Gujarat	Sikka TPP Extn.	GSECL	235600	U-3	250	---	12/2013
Gujarat	Ukai TPP Extn.	GSECL	221800	U-6	500	500	
05/03/13(A)							
Maharashtra	Chandrapur TPS	MSPGCL	550000	U-8	500	---	12/2013
Maharashtra	Koradi TPP Expn.	MSPGCL	1188000	U-8	660	---	06/2014
Maharashtra	Parli TPP Expn.	MSPGCL	137500	U-8	250	---	12/2013

MP	Malwa TPP (Shree Singa ji TPP)	MPGENCO	675000	U-1	600	---	07/2013
				U-2	600	---	12/2013
MP	Satpura TPP Extn	MPPGCL	303234	U-10	250	250	22/03/13(A)
				U-11	250	---	07/2013
Rajasthan	Chhabra TPP Extn.	RRVUNL	220000	U-3	250	---	06/2013
				U-4	250	---	09/2013
Rajasthan	Kalisindh TPS	RRVUNL	550000	U-1	600	---	08/2013
Rajasthan	Ramgarh CCPP Extn. -III	RRVUNL	64000	GT	110	110	20/03/13(A)
				ST	50	---	08/2013
TN	Mettur TPP Ext	TNEB	355004	U-1	600	600	11/10/12(A)
TN	North Chennai Extn, U-1	TNEB	355200	U-1	600	---	07/2013
TN	North Chennai Extn, U-2	TNEB	271875	U-2	600	600	09/03/13(A)
UP	Anpara-D	UPRVUNL	535879	U- 6	500	---	02/2014
				U-7	500	---	06/2014
UP	Harduaganj Ext	UPRVUNL	260500	U-9	250	250	25/05/12(A)
UP	Parichha Extn	UPRVUNL	235600	U-5	250	250	24/05/12(A)
				U-6	250	250	11/03/13(A)
			Sub Total :		13922	3911	
<u>PRIVATE SECTOR</u>							
AP	Bhavanpadu TPP	M/s East Coast Energy Ltd.	657294	U-1	660	---	10/2015
				U-2	660	---	03/2016
AP	NCC TPP	NCC Power Projects Ltd	704600	U-1	660	---	04/2016
				U-2	660	---	08/2016
AP	Painampuram TPP	Thermal Power Tech Corporation Ltd	686900	U-1	660	---	09/2014
				U-2	660	---	12/2014
AP	Simhapuri Energy Pvt.Ltd Ph-I	Madhucon Projects Ltd	148500	U-2	150	150	02/07/12(A)
AP	Thamminapatnam TPP-I	Meenakshi Energy Pvt. Ltd	142800	U-1	150	150	09/09/12(A)
				U-2	150	150	17/04/13(A)
AP	Thamminapatnam TPP-II	Meenaksha Energy Ltd.	312000	U-3	350	---	10/2014
				U-4	350	---	04/2015
AP	Vizag TPP	Hinduja National Power Corp. Ltd	554500	U-1	525	---	02/2014
				U-2	525	---	06/2014
Chhattisgarh	Akaltara (Naiyara) TPP	Wardha PCL (KSK)	1619000	U-1	600	---	07/2013
				U-2	600	---	10/2013
				U-3	600	---	06/2014
Chhattisgarh	Avantha Bhandar TPS, U-1	Korba West Power Co. Ltd.	385000	U-1	600	---	10/2013
Chhattisgarh	Balco TPP	Bharat Aluminium Co.	465000	U-1	300	---	03/2014
				U-2	300	---	01/2014
Chhattisgarh	Bandakhar TPP	M/s Maurti Clean Coal & Power Ltd	145600	U-1	300	---	08/2014
Chhattisgarh	Baradarha TPP	D.B. Power Ltd	664000	U-1	600	---	09/2013
				U-2	600	---	03/2014
Chhattisgarh	Binjokote TPP	M/s SKS Power Generation (Chhattisgarh) Ltd.	689000	U-1	300	---	09/2014
				U-2	300	---	12/2014
				U-3	300	---	09/2015
Chhattisgarh	Kasaipalli TPP	ACB India Ltd.	126700	U-2	135	135	21/06/12(A)
Chhattisgarh	Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	694050	U-3	660	---	10/2014
				U-4	660	---	03/2015
Chhattisgarh	Ratija TPP	Spectrum Coal & Power Ltd	22000	U-1	50	50	04/02/13(A)
Chhattisgarh	Singhitarai TPP	Athena Chhattisgarh Power Ltd.	620000	U-1	600	---	03/2015
Chhattisgarh	Swastic TPP	M/s ACB	0	U-1	25	---	09/2013
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	1280000	U-1	600	---	02/2014
				U-2	600	---	06/2014
Chhattisgarh	TRN Energy TPP	M/s TRN Energy Pvt. Ltd.	284400	U-1	300	---	08/2014
				U-2	300	---	12/2014
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	665361	U-1	360	---	10/2013
				U-2	360	---	01/2014
				U-3	360	---	04/2014
Chhattisgarh	Vandana Vidyut TPP- Chhattisgarh	M/s Vandana Vidyut	145844	U-1	135	---	06/2013
				U-2	135	---	10/2013
Gujarat	Mundra UMTTP	Tata Power Co.	640000	U-2	800	800	25/07/12(A)
Gujarat	Salaya TPP	Essar Power Gujarat Ltd.	482000	U-2	600	600	13/06/12(A)
Haryana	Jajjar TPP (Mahatama	CLP Power India Pvt. Ltd	600000	U-2	660	660	11/04/12(A)

Jharkhand	Gandhi TPP) MahadevPrasas STPP Ph-I	Adhunik Power Co.Ltd	265000	U-1	270	270	19/11/12(A)
				U-2	270	270	29/03/13(A)
Jharkhand	Mata shri Usha TPP-Ph-I	M/s Corporate Power Ltd	290000	U-1	270	---	09/2014
				U-2	270	---	12/2014
Maharashtra	Amravati TPP Ph-I	India Bulls	688900	U-1	270	270	25/03/13(A)
				U-2	270	---	06/2013
				U-3	270	---	09/2013
				U-4	270	---	12/2013
				U-5	270	---	05/2014
Maharashtra	Bela TPP-I	IEPL	147700	U-1	270	270	20/03/13(A)
Maharashtra	Butibori TPP Ph-II	Vidarbha Industries Power	160000	U-1	300	300	17/08/12(A)
Maharashtra	Dhariwal Infracture TPP	Dhariwal Infracture (P) Ltd	289800	U-1	300	---	05/2013
				U-2	300	---	10/2013
Maharashtra	EMCO Warora TPP	EMCO Energy Ltd.(GMR)	348000	U-1	300	300	07/02/13(A)
				U-2	300	---	06/2013
Maharashtra	GEPL TPP	GEPL	65649	U-1	60	60	08/09/12(A)
				U-2	60	60	28/04/12(A)
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	693600	U-1	660	---	03/2015
				U-2	660	---	08/2015
Maharashtra	Nasik TPP Ph-I	India Bulls	678900	U-1	270	---	05/2013
				U-2	270	---	08/2013
				U-3	270	---	11/2014
				U-4	270	---	01/2015
				U-5	270	---	03/2015
Maharashtra	Tirora TPP Ph-I	Adani Power Ltd	926300	U-1	660	660	11/09/12(A)
				U-2	660	660	25/03/13(A)
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd		U-1	660	---	05/2013
MP	Anuppur TPP Ph-I	MB Power MP	624000	U-1	600	---	07/2014
				U-2	600	---	02/2015
MP	Bina TPP	Bina Power Supply Co. Ltd	275000	U-1	250	250	12/08/12(A)
				U-2	250	250	31/03/13(A)
MP	Gorgi TPP	DB Power(MP) Ltd.	664000	U-1	660	---	06/2016
MP	Sasan UMPP	Reliance Power Ltd.	1584000	U-2	660	---	09/2013
				U-3	660	---	05/2013
MP	Seioni TPP Ph-I	Jhabua Power Ltd	292400	U-1	600	---	01/2014
Orissa	Derang TPP	JITPL	596100	U-1	600	---	11/2013
Orissa	Ind Bharat TPP (Orissa)	Ind. Bharat	318500	U-1	350	---	11/2013
				U-2	350	---	02/2014
Orissa	Kamalanga TPP	GMR	454000	U-1	350	350	28/03/13(A)
				U-2	350	---	09/2013
				U-3	350	---	12/2013
Orissa	KVK Nilanchal TPP	KVK Nilanchal	135000	U-1	350	---	01/2014
Orissa	Lanco Babandh TPP	Lanco Babandh Power Ltd	693000	U-1	660	---	03/2015
Orissa	Sterlite TPP	Sterlite Energy Ltd.	766900	U-4	600	600	25/04/12(A)
Punjab	Goindwal Sahib	GVK Power	298786	U-1	270	---	06/2013
				U-2	270	---	10/2013
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	960000	U-1	700	---	01/2014
				U-2	700	---	03/2014
Punjab	Talwandi Sabo TPP	M/s Sterlite	1025000	U-1	660	---	12/2013
				U-2	660	---	04/2014
				U-3	660	---	07/2014
Rajasthan	Jallipa-Kapurdi TPP	Raj West Power Ltd.(JSW)	608500	U-5	135	135	05/02/13(A)
				U-6	135	135	03/03/13(A)
TN	Tuticorin TPP (Ind- Barath TPP)	IBPIL	359500	U-1	660	---	03/2016
UP	Prayagraj (Bara) TPP	J.P.Power	1162227	U-1	660	---	07/2014
				U-2	660	---	11/2014
				U-3	660	---	03/2015
WB	Haldia TPP-I	M/s Haldia Energy Ltd.	302600	U-1	300	---	08/2014
				U-2	300	---	11/2014
Sub Total :					43540	7535	
Total (12thPlan):					72339.6	16469.3	

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4835
ANSWERED ON 25.04.2013

COMPLAINTS AGAINST POWER DISTRIBUTION COMPANIES

†4835. SHRI RATAN SINGH:
SHRIMATI RAJKUMARI RATNA SINGH:

Will the Minister of POWER
be pleased to state:

- (a) the details of complaints received from the public representatives against power distribution companies during the last three years;
- (b) whether any action has been taken by the Government against such power distribution companies on the basis of complaints received;
- (c) if so, the details thereof and if not, the reasons therefor; and
- (d) the corrective measures being taken by the Government in this regard?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a): Yes, Madam. Complaints have been received from the public representatives against power distribution companies. Details of complaints received from the public representatives from Year 2010 to 2012 are given at Annex.

(b) to (d): Electricity is a concurrent subject and the responsibility of electricity distribution rests with the States. Government of India acts as a facilitator in supplementing the efforts of States to provide power to consumers in an improved manner. However, as and when any complaint is received from the public representatives against Power Distribution Companies, the same is dealt at high priority and referred to concerned for necessary action.

ANNEX

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 4835 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

DETAILS OF COMPLAINTS RECEIVED FROM THE PUBLIC REPRESENTATIVES AGAINST POWER DISTRIBUTION COMPANIES DURING THE LAST THREE YEARS (2010 to 2012)

Sl. No.	Year	Name of Public representatives	Subject
1.	2010	Shri Gorakh Prasad Jaiswal, MP(Lok Sabha)	Regarding problem of low- voltage in Village-Badka Gaon, Block- Bhatparpani, Janpad- Devaria (U.P.)
2.	2010	Shri Oommen Chandy Leader of Opposition, Kerala Legislative Assembly	Regarding alleged corruption charges in the bidding process of R-APDRP project by Kerala State Electricity Board
3.	2011	Smt. Bimla Kashyap Sood, Member of Parliament (Rajya Sabha)	Regarding Shifting electricity meters installed at the main entrance door, BC-632, West Shalimar Bagh, Delhi.
4.	2012	Shri Sarada Mohanty MP (RS) and Shri G.R. Koli, MP (LS)	Regarding providing electricity connection in Sh. SushilSinha's PCO Booth Stall No. 341, Chandu Lal Balmiki Marg, Model Market, INA, New Delhi.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4848
ANSWERED ON 25.04.2013

INFLATED ELECTRICITY BILLS

4848. SHRI RAVINDRA KUMAR PANDEY:

Will the Minister of POWER
be pleased to state:

- (a) whether the Central Electricity Regulatory Commission (CERC) plays any role/regulatory function over the frequent hike of power tariff by the States;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether the Union Government has received any complaints regarding installation of fast electricity meters and footing of inflated electricity bills by the private DISCOMS in the country particularly in Delhi and if so, the details thereof and the action taken thereon;
- (d) whether the Union Government proposes to incorporate stringent penalty clauses in the Electricity Act, 2003 against the installation of fast electricity meters by the private Power Distribution Companies which results in highly inflated electricity bills for domestic consumption; and
- (e) if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Power tariff in States is decided by the State Electricity Regulatory Commissions and Central Electricity Regulatory Commission (CERC) does not play any role/regulatory function in fixation of that tariff.

(c) : As per available records, no complaint regarding installation of fast electricity meters and footing of inflated electricity bills by the private DISCOMS has been received in this Ministry so far. However, Government of NCT Delhi has informed that in the past the complaints regarding fast electricity meters and inflated bills were received from different corners. The Govt. of NCT of Delhi undertook a Meter Testing Drive under the supervision of Sub-Divisional Magistrates

on four successive Saturdays starting from 17.09.2005. The exercise was carried out along with representatives of RWAs Consumer Coordination Council, Members from Department of Training and Technical Education, GNCTD and Discoms. The details of test drive conducted on 17.09.2005, 24.09.2005, 01.10.2005 and 08.10.2005 is tabulated below: -

Date	No. of Meters Tested	Meters found within prescribed limits	Meters found fast	Meters found slow	Meters found defective/ faulty/ tampered
19.09.05	508	501	1	4	2
24.09.05	471	461	2	4	4
01.10.05	512	507	0	4	1
08.10.05	486	483	1	2	--
Total:	1977	1952	4	14	7

Delhi Electricity Regulatory Commission (DERC) had setup a Committee in August, 2003 to look into various complaints being received in the Commission regarding faulty meters. The Committee had submitted its report and it was observed that more than 91% of the meters recorded consumption level within the prescribed limits given in the Indian Electricity Rules. About 2% of the meters were found to be slow and 0.5% were faster than the prescribed limit.

The Public Grievance Cell, Department of Power, Govt. of NCT of Delhi started testing drive of electricity meters in Delhi through an independent third party Central Power Research Institute (CPRI), Bangalore since May 2007. The electricity meters were tested at the premises of the consumers on their suspicion of having a faulty meter. Out of 1652 electricity meters 81 were found beyond permissible limit of $\pm 2.5\%$.

The Distribution Companies adjust the over payment/underpayment on this count in the subsequent bills to the consumers as per provisions of DERC Supply Code and Performance Standards Regulations.

(d) & (e) : Section 55 of the Electricity Act, 2003 already provides for installation of correct meters in accordance with regulations to be made in this behalf by the Authority. In furtherance of above, Central Electricity Authority has notified the 'Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 and amended in 2010'.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4849
ANSWERED ON 25.04.2013

RURAL ELECTRIFICATION IN MAHARASHTRA

4849. DR. NILESH N. RANE:

Will the Minister of POWER
be pleased to state:

- (a) the number of proposals received by the Government regarding rural electrification in Maharashtra during the last three years; and
- (b) the status of each such proposal along with the details of proposals pending at present?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Only one supplementary project proposal for rural electrification in Sholapur district of Maharashtra with a project cost of Rs. 3499.58 lakhs has been received in last three years under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY).

(b) : The project proposal was approved by the Monitoring Committee and the same has been awarded on 06.07.2012. No proposal of Maharashtra is pending.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4857
ANSWERED ON 25.04.2013

MONOPOLY OF OPERATION BY PRIVATE DISTRIBUTION COMPANIES

†4857. SHRI GORAKH PRASAD JAISWAL:
SHRI PRATAPRAO GANPATRAO JADHAO:

Will the Minister of POWER
be pleased to state:

(a) whether in spite of having provision in the Electricity Act, 2003 for encouraging competition in the field of power distribution, there is no competition amongst the power distribution companies in any of the States and the Government has not made any effort in this regard;

(b) if so, the details thereof along with the reasons therefor;

(c) whether the power distribution companies are having monopoly for operation in areas which were selected by them with the help of the senior officers of Central/State Governments whereas, as per the Provisions of the Electricity Act, 2003 there should be at least three companies in an area for distribution of Power; and

(d) if so, the reaction of the Government thereto and the corrective measures being taken in this regard?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Promoting competition in electricity sector is one of the cornerstones of the Electricity Act, 2003. Under 6th proviso of Section 14 of the Electricity Act, 2003, the Appropriate Commission may grant a licence to two or more persons for distribution of electricity through their own distribution system within the same area subject to certain conditions.

Based on the available information, following multiple licensees are operating in Mumbai, Maharashtra:-

Brihan Mumbai Electricity Supply and Transport Undertaking (BEST);
Reliance Infrastructure Ltd. (Distribution) (R Infra-D);
Tata Power Company Ltd. (Distribution) (TPC-D); and
Maharashtra State Electricity Distribution Co. Ltd. (MSEDCL).

(c) : Distribution is a licensed activity and the grant of license is governed as per the provisions of the Act and the regulations made thereunder by the Appropriate Commission. The relevant provisions of the Act in this regard are at Annex.

(d) : Does not arise in view of reply to (c) above.

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 4857 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

Relevant provisions of the Electricity Act, 2003

PART IV
LICENSING

12. No person shall

- (a) transmit electricity; or
- (b) distribute electricity; or
- (c) undertake trading in electricity,

unless he is authorised to do so by a licence issued under section 14, or is exempt under section 13.

13. The Appropriate Commission may, on the recommendations, of the Appropriate Government, in accordance with the national policy formulated under section 5 and in public interest, direct, by notification that subject to such conditions and restrictions, if any, and for such period or periods, as may be specified in the notification, the provisions of section 12 shall not apply to any local authority, Panchayat Institution, users' association, co-operative societies, non-governmental organizations, or franchisees:

14. The Appropriate Commission may, on application made to it under section 15, grant any person licence to any person -

- (a) to transmit electricity as a transmission licensee; or
- (b) to distribute electricity as a distribution licensee; or
- (c) to undertake trading in electricity as an electricity trader,

in any area as may be specified in the licence:

Provided that any person engaged in the business of transmission or supply of electricity under the provisions of the repealed laws or any Act specified in the Schedule on or before the appointed date shall be deemed to be a licensee under this Act for such period as may be stipulated in the licence, clearance or approval granted to him under the repealed laws or such Act specified in the Schedule, and the provisions of the repealed laws or such Act specified in the Schedule in respect of such licence shall apply for a period of one year from the date of commencement of this Act or such earlier period as may be specified, at the request of the licensee, by the Appropriate Commission and thereafter the provisions of this Act shall apply to such business:

Provided further that the Central Transmission Utility or the State Transmission Utility shall be deemed to be a transmission licensee under this Act:

Provided also that in case an Appropriate Government transmits electricity or distributes electricity or undertakes trading in electricity, whether before or after the commencement of this Act, such Government shall be deemed to be a licensee under this Act, but shall not be required to obtain a licence under this Act:

Provided also that the Damodar Valley Corporation, established under sub-section (1) of section 3 of the Damodar Valley Corporation Act, 1948, shall be deemed to be a licensee under this Act but shall not be required to obtain a licence under this Act and the provisions of the Damodar Valley Corporation Act, 1948, in so far as they are not inconsistent with the provisions of this Act, shall continue to apply to that Corporation:

Provided also that the Government company or the company referred to in sub-section (2) of section 131 of this Act and the company or companies created in pursuance of the Acts specified in the Schedule, shall be deemed to be a licensee under this Act:

Provided also that the Appropriate Commission may grant a licence to two or more persons for distribution of electricity through their own distribution system within the same area, subject to the conditions that the applicant for grant of licence within the same area shall, without prejudice to the other conditions or requirements under this Act, comply with the additional requirements *relating to* the capital adequacy, credit-worthiness, or code of conduct as may be prescribed by the Central Government, and no such applicant who complies with all the requirements for grant of licence, shall be refused grant of licence on the ground that there already exists a licensee in the same area for the same purpose:

Provided also that in a case where a distribution licensee proposes to undertake distribution of electricity for a specified area within his area of supply through another person, that person shall not be required to obtain any separate licence from the concerned State Commission and such distribution licensee shall be responsible for distribution of electricity in his area of supply:

Provided also that where a person intends to generate and distribute electricity in a rural area to be notified by the State Government, such person shall not require any licence for such generation and distribution of electricity, but he shall comply with the measures which may be specified by the Authority under section 53:

Provided also that a distribution licensee shall not require a licence to undertake trading in electricity.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4863
ANSWERED ON 25.04.2013

CLOSURE OF NTPC PLANTS

†4863. SHRI RAJENDRA AGRAWAL:

Will the Minister of POWER
be pleased to state:

- (a) whether the National Thermal Power Corporation Limited (NTPC) has closed some of its units recently;
- (b) if so, the details thereof along with the reasons therefor; and
- (c) the steps taken/proposed to be taken by the Government to obviate such a situation in future?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : As of today, NTPC has not taken any decision to permanently close any of its units.

(b) & (c) : In view of (a) above, do not arise.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4883
ANSWERED ON 25.04.2013

FUNCTIONING OF POWER PLANTS

4883. SHRI S.S. RAMASUBBU:

Will the Minister of POWER
be pleased to state:

- (a) whether the Sasan and Kudankulam power plants have started functioning;
- (b) if so, the details thereof along with the estimated quantum of power generation therefrom and the States which are likely to be benefitted through these projects; and
- (c) if not, the reasons therefor and the time by which the above projects are likely to be functional?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) : Sasan UMPP (6x660 MW) has not yet started functioning and is under advanced stage of construction. It's first unit has been Synchronized on 09.03.2013. As per Power Purchase Agreement (PPA), the first unit is scheduled for commissioning in May, 2013 and subsequent units 7 months each thereafter. States to be benefitted from Sasan UMPPs are Madhya Pradesh, Uttar Pradesh, Uttarakhand, Delhi, Punjab, Rajasthan & Haryana.

The power generation from Kudankulam Nuclear Power Project (2x1000 MW) has not started so far. States to be benefitted from Kudankulam Nuclear Power Plant are Karnataka, Tamil Nadu, Kerala and Puducherry. It is expected that both the units are likely to be functional within this financial year.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4889
ANSWERED ON 25.04.2013

ACQUISITION OF LAND BY NTPC

4889. SHRI DILIP SINGH JU DEV:

Will the Minister of POWER
be pleased to state:

- (a) the details of land acquired by the National Thermal Power Corporation Limited (NTPC) in Sipat and adjoining areas along with the quantum of compensation provided to the land losers in this regard;
- (b) the number of land loser families to whom jobs have been provided so far;
- (c) whether the NTPC has not provided jobs in adequate numbers to the land loser families and also not provided them with regular employment; and
- (d) if so, the details thereof and the reasons therefor and the steps being taken thereon?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Details of land acquired by NTPC in Sipat and adjoining areas for setting up its Sipat Super Thermal Power project is as under:

Private land	:	2309.34 acre
Govt. land	:	2050.23 acre
Total	:	4359.57 acre

NTPC had deposited Rs.3302.87 lakhs with District Administration towards payment of land compensation for entire private land, for further disbursement to the concerned land losers. The deposit was made during the period 2000 to 2008.

(b) to (d) : Rehabilitation Action Plan (RAP) for Sipat project was formulated in consultation with the stakeholders including the Project Affected Persons (PAPs) and the district administration.

State of art technology has been deployed at Sipat project limiting the direct employment opportunities in NTPC. Due to this reason, monetary assistance to facilitate purchase of land by the PAPs was agreed as the main rehabilitation option by the district administration. The Rehabilitation Plan was duly approved by the District Collector in the year 2000 before its implementation. Accordingly, rehabilitation grant as per the approved RAP has already been disbursed to the PAPs.

In addition to payment of rehabilitation grants as per approved RAP, employment to PAPs at Sipat project was envisaged in RAP as part of 'other benefits' based on availability of vacancies and suitability of candidates. Based on vacancy and suitability of the candidates, employment has been provided at Sipat project to 279 PAPs as part of other benefits. Further, 50 PAP candidates have been issued offer for appointment out of which 28 candidates have already joined.

Besides above, willing PAPs have also been facilitated gainful employment opportunities through various contracting agencies at the project.

Another 109 PAP candidates have been sponsored by NTPC for ITI training who are undergoing training at Government ITI - Koni, Bilaspur.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4890
ANSWERED ON 25.04.2013

POWER PROJECTS IN CHHATTISGARH

4890. SHRIMATI YASHODHARA RAJE SCINDIA:

Will the Minister of POWER
be pleased to state:

- (a) whether the Chhattisgarh State Power Generation Company Limited failed to complete four power projects in the State resulting in huge losses;
- (b) if so, the details thereof and the reasons attributed for delay in completion of these projects;
- (c) whether the Government intends to set a deadline for completion of these projects to avoid more losses; and
- (d) if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Out of four Power Projects in Chhattisgarh, one project, namely, Korba West Extension Thermal Power Project (1x500 MW) has already achieved full load on 22.03.2013 and Commercial Operation (COD) is anticipated in June, 2013. Marwa Thermal Power Project (2x500 MW) is under construction and the first Unit (500 MW) of Marwa Thermal Power Station is expected to be commissioned in August,2013 and the second unit (500 MW) in December, 2013. The work on the two other thermal power projects, namely, 2x660 MW Bhaiyathan thermal power project & 2x660 MW IFFCO - Chhattisgarh TPP power project are yet to be started. The reasons for delay are as follows:

Sl. No.	Project Name	Capacity (MW)	Reasons for Delay
1	Marwa TPP	2x500	- Agitation by villagers. - Non-readiness of Balance of Plant equipment.

2	Bhaiyathan TPP	2x660	Delay due to non clearance of coal blocks allotted to the project. MOEF has not accorded environmental clearance for the development of Gidhmuri & Paturia Coal Blocks. Therefore, M/s India Bulls Pvt. Ltd. has withdrawn their offer for development of the project due to uncertainty regarding these two captive coal blocks allotted to the project.
3	IFFCO - Chhattisgarh TPP	2x660	The project is delayed due to delay in getting stage-II clearance from MOEF for development of Tara Captive Coal Block.

(c) & (d) : The commissioning schedule of Marwa TPP (2x500 MW), Bhaiyathan TPP (2x660 MW) and IFFCO - Chhattisgarh TPP (2x660 MW) are as follows:

Sl. No.	Project Name	Capacity (MW)	Commissioning Schedule
1	Marwa TPP	2x500	Unit-1: August, 2013 Unit-2: December, 2013
2	Bhaiyathan TPP	2x660	Due to uncertainty regarding MOEF clearance for the Captive Coal Blocks allocated to Bhaiyathan TPP and IFFCO - Chhattisgarh TPP, it is not possible to set a deadline for completion of these two projects.
3	IFFCO - Chhattisgarh TPP	2x660	

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4894
ANSWERED ON 25.04.2013

GAS BASED PROJECTS IN KARNATAKA

4894. SHRI G.M. SIDDESHWARA:

Will the Minister of POWER
be pleased to state:

- (a) whether the State Government of Karnataka has sent any proposal to the Union Government regarding setting up of 700 MW gas based power projects in the State;
- (b) if so, the details thereof;
- (c) the date of receipt of the proposal and the present status thereof;
- (d) whether there is delay on the part of the Union Government in clearing the proposal; and
- (e) if so, the reasons therefor along with the time frame by which a final decision in this regard is likely to be taken?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

- (a) : Yes, Madam.
- (b) : The State Government of Karnataka had requested for allocation of gas for two new gas based power projects at Bidadi Combined Cycle Power Project (CCPP) 1400 MW (2x700) and Tadadi CCPP 2100 MW (3x700) proposed for 12th Plan.
- (c) : The application was received in this Ministry on 29.10.2010.
- (d) & (e) : With the reduction in availability of gas from Krishna Godavari (KG) - D6 basin, Ministry of Power / Central Electricity Authority had issued an advisory not to plan any gas based power generation plants till 2015-16 based on domestic gas due to non availability of domestic gas.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4900
ANSWERED ON 25.04.2013

PERSONS AFFECTED DUE TO TEHRI DAM PROJECT

†4900. SHRIMATI MALA RAJYA LAXMI SHAH:

Will the Minister of POWER
be pleased to state:

- (a) whether the persons affected or displaced due to the Tehri Dam Project have not yet been rehabilitated and compensation has also not been paid to them;
- (b) if so, the details thereof and the reasons therefor;
- (c) whether the State Government has demanded requisite funds from the Union Government for the same and if so, the details thereof;
- (d) whether the Union Government provided the funds/sanctioned the package for rehabilitation of the displaced persons; and
- (e) if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Rehabilitation & Resettlement (R&R) of the affected population is being carried out by the State Government with funds provided by THDC. The affected population of Old Tehri Town has been completely rehabilitated at New Tehri Town, or Rishikesh and Dehradun as per the option of the oustees. All fully affected rural families of fully affected villages have been rehabilitated through allotment of land/ cash compensation. Rural resettlement colonies are located in agricultural area in Dehradun and Haridwar District and have been provided with all civic facilities. The partially rural affected families, which are not to be relocated, have been paid cash compensation.

(c) to (e) : Funds for R&R as per the approved R&R package/ additional measures approved by the Government have been fully provided to the State Government. The Tehri Project cost included Rs. 1380.96 cr. towards R&R (including land acquisition, compensations, development of facilities etc.). On the request of the State Government, additional funds of Rs. 102.99 cr., as approved by the Ministry of Power, were released by THDCIL to the Uttarakhand Government. for R&R works of Tehri Project.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4903
ANSWERED ON 25.04.2013

SHORTAGE OF FUEL

4903. SHRI SIVASAMI C.:

Will the Minister of POWER
be pleased to state:

- (a) whether various power projects in the country are running at half their installed generation capacity due to shortage of fuel;
- (b) if so, the details thereof; and
- (c) the steps being taken/proposed to be taken by the Union Government to ensure adequate supply of fuel to the Power Plants?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : For the year 2012-13, the Plant Load Factor (PLF) which is a measure of utilisation of the installed capacity of the Thermal Power Projects in the country was 69.95%. The performance of power plants in the country depend upon many factors like forced and planned outages, technological obsolescence of some of the vintage units, schedule from beneficiary states, transmission constraints and availability and quality of fuel for thermal plants. During the year 2012-13, as against the generation target of 767.3 Billion Unit (BU) of thermal based power plants, the actual generation was 760.37 BU, thus, almost meeting the generation target and with a growth of 7.27% over the last year generation of 708.8 BU.

(c) : In order to ensure adequate supply of fuel to the power plants, the following decisions have been taken by the Government :

- (i) CIL will sign Fuel Supply Agreements (FSAs) with power plants that have entered into long term Power Purchase Agreements (PPAs) with DISCOMs and have been commissioned/would get commissioned on or before 31st March, 2015.

- (ii) The FSAs will be signed for full quantity of coal mentioned in the Letters of Assurance (LOAs) for a period of 20 years with trigger level of 80% for levy of disincentive and 90% for levy of incentive.

.....2.

- 2 -

- (iii) The Ministry of Coal has been requested to impress upon the coal companies to increase the coal production so as to meet the demands of power plants.
- (iv) Power Utilities have been advised to import coal to bridge the gap between requirement and availability of indigenous coal.
- (v) Thrust on ramping up production of coal by the allottees of captive coal block from existing mines and expedite commissioning of new coal block.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4904
ANSWERED ON 25.04.2013

SURRENDER OF LICENCES

†4904. DR. KIRODI LAL MEENA:

Will the Minister of POWER
be pleased to state:

- (a) whether the Government is aware that a number of companies to whom licences have been given to operate in the power sector are surrendering their licences;
- (b) if so, the details thereof along with the reasons therefor;
- (c) whether the Central Electricity Regulatory Commission (CERC) has taken stock of the situation; and
- (d) if so, the details thereof along with the remedial measures being taken by the Government in this regard?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : As per available information, during the period June, 2004 to March, 2013, the Central Electricity Regulatory Commission (CERC) granted trading licenses to 64 applicants for inter-State trading in electricity. Of these, 14 licensees have surrendered their licenses and their licences have been revoked by the Commission. The licensees in their applications for surrender of licence had cited reasons such as competitive power trading business, high volatility and uncertainty prevailing in the market as the reasons for surrender of their licences.

The details of licensees, who have surrendered their licenses, are as under:

Sl. No.	Name of Licensees
1	MMC Limited
2	DLF Power Limited
3	Jindal Steel & Power Limited
4	Sarda Energy & Minerals Ltd.

5	GMR Energy Limited
6	BGR Energy Systems Limited
7	Malaxmi Energy Trading Private Limited
8	Patni Projects Pvt. Limited
9	Vandana Global Limited
10	Indiabulls Power generation Limited
11	Basic Point Commodities Pvt. Ltd.
12	Righill Electrics Limited
13	Godawari Power and Ispat Limited
14	Kandla Energy and Chemical Limited., Ahmadabad

(c) & (d) : Yes, Madam. Keeping in view the various risks involved in the electricity trading business and to create conducive environment for the same, CERC has taken the following measures:

- (i) Revised the trading margin for short term power (upto one year) from a flat rate of 4 paise/kWh for any sale price to 4 paise/kWh where the sale price is less than or equal to Rs. 3/kWh and 7 paise/kWh where the sale price exceeds Rs. 3/kWh through the Central Electricity Regulatory Commission (CERC) (Fixation of Trading Margin) Regulations, 2010".
- (ii) Trading margin has been removed for all the long-term contracts (i.e. for the contracts having duration of more than one year) undertaken by the trading licensees.
- (iii) A new trading licence category (Category IV for undertaking trading upto 100 MU in a year) has been introduced to encourage more number of small players in the electricity trading.
- (iv) Introduction of Renewable Energy Certificates (RECs) trading through power exchanges to facilitate the trading licensees to diversify their product portfolio and enhance the volume of trading.

GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.4907
ANSWERED ON 25.04.2013

ELECTRIFICATION IN TRIBAL AREAS

4907. SHRI SANSUMA KHUNGGUR BWISWMUTHIARY:

Will the Minister of POWER
be pleased to state:

- (a) whether the Union Government has taken concrete steps to speed up the electrification work under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) in the backward/tribal areas of the North Eastern Region, particularly the Bodoland Territorial areas and also to set up new power plants; and
- (b) if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : The following steps have been taken by the Government of India for effective implementation of the RGGVY in the country including backward tribal areas of the North Eastern region :

- (i) Government of India has set up an inter-Ministerial Monitoring Committee under chairmanship of Secretary (Power) which periodically meets to sanction projects and review progress of implementation.
- (ii) States have been advised to set up district committees to monitor the progress of rural electrification works. District committees have been set up in all the states to monitor the progress of rural electrification works.
- (iii) States have also been advised to associate elected representatives including the Members of Parliament in the District Committee.
- (iv) The States have also been requested by MOP to hold monthly meeting under the Chairmanship of Chief Secretary to resolve the bottlenecks in implementation of RGGVY.
- (v) Ministry of Power, Government of India as well as Rural Electrification Corporation (REC), the nodal agency for RGGVY, conduct frequent review meetings with all the stakeholders, the concerned State Governments, State Power Utilities and implementing agencies for expeditious implementation of the scheme as per the agreed schedules.

- 2 -

- (vi) For speedier and effective implementation of projects, execution of project has been taken on turnkey basis.
- (vii) To ensure qualitative execution of rural electrification works, a three tier quality control mechanism has been enforced under RGGVY.
- (viii) Wherever there is delay in forest clearance/Railway clearances etc. requiring inter-ministerial interventions, the matters are taken up with concerned Ministry/Railway Board at different levels to expedite the issue of necessary clearances.

As regarding the steps taken by the Government to set up new power plants including NE region, capacity addition of 88,537 MW, has been planned from conventional sources for the 12th Five Year Plan on all-India basis. With this level of capacity addition, the demand for power on All India basis is likely to be met by the terminal year of 12th Plan (2016-17). This capacity addition programme of 88,537 MW during 12th Plan includes 3,529.6 MW capacity addition in North-Eastern Region.

Under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY), 82 projects were sanctioned in North Eastern States including backward tribal areas of the Bodoland Territorial area covering electrification of 13,595 un/de-electrified villages, intensive electrification of 22,147 partially electrified villages and release of free electricity connections to 16,24,668 BPL households. The sanctioned projects in North Eastern States cover all the districts including backward tribal areas and also Bodoland Territorial areas. Cumulatively, as on 31.03.2013, the electrification works in 12,339 UE villages, intensive electrification of 18,535 PE villages have been completed and free electricity connections to 12,13,673 BPL households have been released under the scheme. The State-wise details is at Annex.

ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 4907 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

State wise coverage and achievement of RGGVY in North-Eastern Region

As on 31.03.2013

S. No.	Name of State	No. of districts	Un-electrified villages		Partially Electrified villages		BPL Households	
			Coverage	Achievement	Coverage	Achievement	Coverage	Achievement
1	ARUNACHAL PRADESH	16	2106	1700	1760	1045	40726	28786
2	ASSAM	23	8326	8019	12984	12290	1150597	908550
3	MANIPUR	9	882	616	1378	562	107369	28851
4	MEGHALAYA	7	1866	1654	3239	2223	109696	85495
5	MIZORAM	8	137	94	570	346	27417	15144
6	NAGALAND	11	105	88	1140	1069	69899	37562
7	SIKKIM	4	25	25	418	383	11458	9783
8	TRIPURA	4	148	143	658	617	107506	99502
TOTAL		82	13595	12339	22147	18535	1624668	1213673

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4909
ANSWERED ON 25.04.2013

BURNT TRANSFORMERS

†4909. SHRI JAGADANAND SINGH:

Will the Minister of POWER
be pleased to state:

- (a) whether people in many parts of the country particularly in Bihar are forced to live in dark due to snapping of wires and frequent burning of transformers and the electric tubewells also ceases to function as a result thereof;
- (b) if so, the details thereof;
- (c) whether most of the tubewells installed in various parts of the country by funding of National Bank for Agriculture and Rural Development (NABARD) have not yet been electrified;
- (d) if so, the details thereof and the reasons therefor; and
- (e) the time by which the work of changing the burnt transformers and electrification of new tubewells will be completed?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : The Government of India launched 'Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY)' for creation of Rural Electricity Infrastructure & Household Electrification, in April 2005 for providing access to electricity to rural households and providing free electricity connections to BPL households. The responsibility of maintenance and upkeep of rural electricity infrastructure created under RGGVY including repair of wires and restoring damaged transformers due to burning, rests with the respective Power Utility. Under RGGVY, the distribution transformers in the villages have been installed to cater to the domestic lighting load and BPL households and not to cater to the load of tube-wells.

(c) & (d) : In Bihar, National Bank for Agriculture for Rural Development (NABARD) has sanctioned 3000 Tube-wells project with Total Financial Outlay of Rs.166.20 crore involving RIDF loan of Rs.157.89 crore under RIDF XI (2005-06). The cumulative disbursement under this project is Rs.143.43 crore (91% of RIDF loan). Out of 3000 tube-wells, work in respect of only 2744 tube-wells could be executed by the Government of Bihar. The work in respect of remaining 256 tube-wells could not be taken up due to problems in site selection.

Till the tranche closure on 31 March 2012 only 822 tube-wells have been reported to be energised. The rest of the tube-wells are reported to be in the process of energisation by the department under state plan funding.

(e) : Under RGGVY, once the village have been energized and handed over to State Power Utility, the responsibility of maintenance and upkeep of infrastructure including replacement / repair of burnt transformers falls under the jurisdiction of respective State Power Utility.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4913
ANSWERED ON 25.04.2013

AUSTERITY MEASURES BY DVC

4913. SHRI SUSHIL KUMAR SINGH:

Will the Minister of POWER
be pleased to state:

- (a) whether the Damodar Valley Corporation (DVC) was issued the circular in line of O.M. No. 7(1) E. Coord./2012 dated 31.5.2012 to Deptt. of Finance, Ministry of Finance regarding austerity measures as well as total ban on creation of plan and non-plan posts;
- (b) if so, the details thereof;
- (c) whether the DVC created four posts of Deputy Chief Engineer in the Finance Department in New Delhi in violation of the rules; and
- (d) the details regarding violations in the above appointments and the action taken against the same?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Yes, Madam. Damodar Valley Corporation (DVC) issued an O.M. dated 21.06.2012 (copy at Annex) in line of O.M. No.7(1)E.Coord./2012 dated 31.05.2012 of Dept. of Finance, Ministry of Finance regarding austerity measures.

(c) : No, Madam.

(d) : In view of (c) above, doesn't arise.

ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 4913 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

DAMODAR VALLEY CORPORATION
DVC TOWER, V.I.P. ROAD
KOLKATA - 700 054

No.G/G-99(Vol.III)91-99(Pt.)/689

June 21, 2012.

OFFICE MEMORANDUM

Sub : Expenditure Management - Economy Measures & Rationalization of Expenditure.

Reference is invited to the O.M. issued by the Ministry of Finance, G.O.I., Department of Expenditure vide No.7(1)E.Coord/2012 dated 31st May, 2012 which is self explanatory.

The said O.M. is enclosed herewith for information and implementation by all concerned.

Enclo : As above.

Sd/-
21.06.2012
(Pallav Roy)
Additional Secretary

Distribution :-

As per list 'C'.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4916
ANSWERED ON 25.04.2013

PENDING APPLICATIONS

†4916. SHRI ZAFAR ALI NAQVI:

Will the Minister of POWER
be pleased to state:

- (a) the total number of applications of proposed units for thermal power generation lying pending due to non-availability of water in the country;
- (b) whether the Government is considering these applications;
- (c) if so, the time by which these applications are likely to be disposed of; and
- (d) the quantum of water required for these proposed units and the policy of the Government for water distribution in this regard?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (d) : No application in this regard has been received in this Ministry. Water for a Thermal Power Project is allocated by the State Government. In cases of Inter State issues, the clearance of Central Water Commission/Ministry of Water Resources is required to be obtained by the developer.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4919
ANSWERED ON 25.04.2013

ADDITIONAL POWER FOR KERALA

4919. SHRI P.K. BIJU:
SHRI M.B. RAJESH:

Will the Minister of POWER
be pleased to state:

- (a) the details of additional power requirement of Kerala during the 12th Five Year Plan period;
- (b) whether the State has any additional power generation capacity; and
- (c) if so, the details thereof along with the steps being taken by the Government for additional power generation in the State during the 12th Five Year Plan period?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a): The Electric Energy Requirement of Kerala by end of 11th Plan (2011-12) was 19890 MU. As per 18th Electric Power Survey of the country, the Electric Energy Requirements of Kerala State by end of 12th Plan is estimated to be 26584 MU. Therefore, additional Electric Energy Requirement of Kerala during 12th Plan is estimated to be 6694 MU.

(b) & (c): Yes, Madam, as per Planning Commission, the capacity addition of 88,537 MW has been planned from conventional sources for the 12th Five Year Plan on an all-India basis. This includes 100 MW capacity addition in the State of Kerala as detailed below:

Sl. No.	Project Name	Fuel Type	Capacity (MW)
1	Thottiar HEP	Hydro	40
2	Pallivasal HEP	Hydro	60
	TOTAL		100

Besides this, Kerala will get the share of 432 MW from central sector power projects located in southern region for likely benefits during 12th Plan.

With the capacity addition of 88,357 MW, the demand for power on All India basis is likely to be met by the terminal year of 12th Plan (2016-17). Government has advised States to tie up for procurement of power through competitive bidding (from project developers or traders) to meet their requirement, based on their anticipated demand supply scenario.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4920
ANSWERED ON 25.04.2013

ELECTRIFIED VILLAGES

4920. SHRI S. SEMMALAI:

Will the Minister of POWER
be pleased to state:

- (a) whether the approved definition defines that the villages and hamlets would be deemed to be electrified if a minimum of 10 per cent of the house holds are provided with electricity;
- (b) if so, the details thereof;
- (c) whether the Government proposes to amend the definition upwards and consider a village/hamlet fully electrified if at least more than 50 per cent of habitation gets electrified and if so, the details thereof;
- (d) whether all the dalit families in the habitation will be provided with electricity under the programme irrespective of the definition; and
- (e) if so, the details thereof?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : As per new definition effective from 2004-05, a village would be declared as electrified if:

- (i) Basic infrastructure such as distribution transformer and distribution lines are provided in the inhabited locality as well as the dalit basti/hamlet where it exists. (For electrification through Non-Conventional Energy Sources a distribution transformer may not be necessary).
- (ii) Electricity is provided to public places like schools, panchayat offices, health centres, dispensaries, community centres etc. and
- (iii) The number of households electrified should be at least 10% of the total number of households in the village.

There is no definition of electrified hamlets.

(c) : No, Madam.

(d) & (e) : Under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY), Below Poverty Line (BPL) families (including SC/ST BPL families) are provided free electricity connection in the habitations where the projects are sanctioned and have population more than 100. As on 31.03.2013, free electricity connection to 2,07,21,824 BPL households have been released under RGGVY.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4923
ANSWERED ON 25.04.2013

REQUIREMENT OF COAL

4923. SHRI BALKRISHNA K. SHUKLA:
SHRIMATI JAYSHREEBEN PATEL:

Will the Minister of POWER
be pleased to state:

- (a) the total annual requirement of coal of Ukai Thermal Power Plant; and
- (b) the source from which this requirement of coal is met by the said power plant?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Ukai Thermal Power Station (TPS) of 1350 MW is having a Fuel Supply Agreement of 4.17 Million Tonne with South Eastern Coal Field Limited and Western Coal Field Limited. Apart from above, Unit-6 (500 MW) of Ukai TPS has been recently commissioned on 5th March, 2013 which is linked to captive coal block. Due to delay in production from allocated coal block, Ministry of Coal has accorded tapering linkage from South Eastern Coal Field.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4945
ANSWERED ON 25.04.2013

IRREGULARITIES UNDER RGGVY

†4945. SHRI RAMKISHUN:

SHRI P.L. PUNIA:

SHRI SYED SHAHNAWAZ HUSSAIN:

SHRI B.N. PRASAD MAHATO:

SHRIMATI RAJKUMARI RATNA SINGH:

Will the Minister of POWER
be pleased to state:

(a) whether complaints regarding irregularities under the Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) have been received from various States particularly in Bihar, State-wise;

(b) if so, the details thereof along with the details of enquiry conducted through any Committee to ascertain as to whether the funds allocated to the various States including Uttar Pradesh and Bihar have been properly utilized, State-wise;

(c) the action taken/being taken against the responsible persons for delay in completion of the projects under the Scheme along with the corrective measures being taken by the Government in this regard;

(d) the details of funds allocated for Barabanki and Pratapgarh areas of Uttar Pradesh and utilized during the last three years under the Scheme along with the status of completion of projects in the said areas and the number of villages in which electricity has been provided;

(e) whether the Government proposes to make amendments in RGGVY; and

(f) if so, the details thereof?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) : Complaints regarding alleged irregularities in the States of Jharkhand and Jammu & Kashmir were received. The matter is under investigation by CBI.

No such enquiry has been conducted by any Committee to ascertain as to whether the funds allocated to the various States including Uttar Pradesh and Bihar have been properly utilized.

In addition, other complaints of various nature that are received in the Ministry of Power from different quarters are promptly sent to the concerned implementing agencies for taking appropriate action / corrective measures.

(d) : In the last three years i.e. 2010-11 to 2012-13, no fund has been released to Barabanki and Pratapgarh in Uttar Pradesh . Under RGGVY, projects of district Barabanki and Pratapgarh of Uttar Pradesh were sanctioned in the 10th Plan with the project cost of Rs.7636.60 lakh and Rs. 4950.40 lakh respectively. The electrification works in these districts have been completed.

(e) & (f) : The Ministry of Power has proposed for continuation of the RGGVY Scheme to the remaining villages/habitations having population 50 and above against the existing provision of population 100 and above in the 12th Plan subject to availability of funds.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4958
ANSWERED ON 25.04.2013

KANTI THERMAL POWER PLANT

†4958. DR. RAGHUVANSH PRASAD SINGH:

Will the Minister of POWER
be pleased to state:

- (a) the present status of Kanti Thermal Power Plant in Bihar;
- (b) the plant load factor after renewal of two old units;
- (c) the details regarding setting up of new units; and
- (d) the time by which production of power is likely to be commenced by new units?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Kanti Thermal Power Plant is owned by a Joint Venture company of NTPC & Bihar State Electricity Board (namely, Kanti Bijlee Utpadan Nigam Limited). It consists of two stages, Stage-I (2x110 MW) and Stage-II (2x195 MW). Stage-I is at present under Renovation & Modernization (R&M) and Stage-II is under construction.

(b) : Both the old units will be put on load after completion of R&M.

(c) & (d) : Two new units of 195 MW capacity each in Stage-II are under construction. Power production is likely to commence from first unit on March, 2014 and from second unit on August, 2014.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4968
ANSWERED ON 25.04.2013

RAJIV GANDHI GRAMEEN VIDYUTIKARAN YOJANA

4968. SHRI TAKAM SANJOY:

Will the Minister of POWER
be pleased to state:

- (a) whether Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) under the 11th Five Year Plan covering the North Eastern States are running behind their respective scheduled time of completion;
- (b) if so, the details thereof and the reasons therefor;
- (c) the status of utilization of funds sanctioned for the projects and the cost escalation as a result of the backlog thereof; and
- (d) the concrete measures taken by the Government to expedite completion of these projects?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) : Under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY), 66 projects were sanctioned in 11th Plan in North Eastern States for electrification of 11,970 un/de-electrified villages (UEV), intensive electrification of 18,328 partially electrified villages (PEV) and release of free electricity connections to 13,88,104 BPL households with project cost of Rs.4816.17 crore. Cumulatively, in North Eastern States, as on 31.03.2013, the electrification works in 10,757 UE villages, intensive electrification of 15,081 PE villages have been completed and free electricity connections to 10,21,326 BPL households have been released. An amount of Rs.4084.11 crore has been released. The details of coverage, achievement and fund released, North Eastern (NE) state-wise, is at Annex. As per RGGVY guidelines unit rates are not allowed to vary during the currency of contract.

The progress in NE Region has been affected due to extremely difficult terrain, remoteness and inaccessibility of villages, forest clearance issues, litigation, Right of Way (ROW) issues, flood, problem in transportation of material and, insurgency in few States.

(d) : In order to speed up the electrification works under RGGVY in North Eastern Region, regular review meetings are being conducted. Rural Electrification Corporation (REC) Ltd, the nodal agency for RGGVY, had conducted State specific review meeting in May, 2012 and July, 2012. The contracts of non-performing agencies have been terminated in Arunachal Pradesh. Use of steel poles for ease of transportation had also been allowed as a special case for Arunachal Pradesh.

ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 4968 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

State-wise Physical and Financial progress of RGGVY for the projects sanctioned under
11th Plan in North-Eastern Region

As on 31.03.2013

S. No.	Name of State	No. of districts	Un-electrified villages		Partially Electrified villages		BPL Households		Revised sanctioned project cost (Rs. in crore)	Funds* released (Rs. in crore)
			Coverage	Achievement	Coverage	Achievement	Coverage	Achievement		
1	ARUNACHAL PRADESH	13	1869	1463	1439	861	36349	24436	912.15	731.92
2	ASSAM	21	7423	7116	11238	10544	994629	781094	2551.90	2230.25
3	MANIPUR	7	696	432	1108	296	92922	18169	293.72	217.88
4	MEGHALAYA	5	1733	1522	2465	1546	87975	64196	385.64	335.50
5	MIZORAM	6	47	31	361	191	18799	8585	180.70	135.91
6	NAGALAND	9	93	85	871	873	55609	32704	225.80	199.64
7	SIKKIM	2	9	9	260	225	7734	6059	104.33	90.06
8	TRIPURA	3	100	99	586	545	94087	86083	161.93	142.95
TOTAL		66	11970	10757	18328	15081	1388104	1021326	4816.17	4084.11

*Funds include subsidy and loan by REC.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4970
ANSWERED ON 25.04.2013

CORRUPTION IN NTPC

†4970. SHRI RADHA MOHAN SINGH:

Will the Minister of POWER
be pleased to state:

- (a) whether cases of alleged corruption and irregularities involving embezzlement of crores of rupees in the National Thermal Power Corporation Limited (NTPC) have been brought to the notice of the Government;
- (b) if so, the details thereof during the last five years till date;
- (c) the details of the enquiry conducted in this regard along with the outcome thereof including the number of officials found to be guilty and the total amount involved therein; and
- (d) the steps being taken by the Government to prevent recurrence of such incidents in future?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (d) : Yes, Madam. Based on available records, details of the cases of alleged corruption and irregularities involving embezzlement of funds in the National Thermal Power Corporation Limited (NTPC) during the last five years along with action taken against those found guilty are as in Annex 'A & B'. To prevent recurrence of such incidents instructions/guidelines are issued and monitored by CVC.

ANNEX-A

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 4970 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

(Details of the cases of alleged corruption and irregularities involving embezzlement of funds in the National Thermal Power Corporation Limited (NTPC) during the last five years along with action taken against those found guilty received in the Ministry)

Sl. No.	Allegations	Action Taken
1	Complaint against Shri Swantarantra Kumar, ED(HR), NTPC irregularities in a tender on high prices etc.	Report of CVO, NTPC dated 30.4.2008 was examined in the Ministry and forwarded to CVC vide OM dated 8.9.2008. CVC vide OM dated 13/10/2008 advised closure of the complaint.
2	Allegation about steep fall in quality and bungling of crores of rupees due to corruption in the second phase of NTPC Kahalgaon received from LokSabha Secretariat	On the basis of CVO, NTPC report dated 3.10.2008, factual information was furnished to Thermal wing of the Ministry for sending a reply to the Petition Committee, LokSabha vide OM dated 27.02.2009.
3	Complaint dated 18.7.2009 alleging charges of corruption against Shri R. S. Sharma, CMD, NTPC in setting up of Bongaigaon TPS of NTPC	CVO, NTPC vide letter 11.12.2009 furnished the report to the Ministry. On examining the report it was seen that the allegations leveled in the complaint are not based on facts and could not be substantiated. The same was informed to CVC vide OM dated 20 th January 2010. CVC advised closure of the case.
4	Complaint against favoritism and corruption in formulating qualifying criteria for NIT in r/o construction of NTPC Tower at Noida having total contract value of Rs.236 crores.	While the case was being examined in the Ministry, CVO, NTPC vide letter dated 10.02.2011 informed that CVC has closed the case vide OM dated 12.12.2010.
5	Alleged scam of Rs.200-250 crores in NTPC Tapovan tender for civil package	CVO, NTPC vide letter dated 24.09.2010 furnished the report in the matter. On examining the report it was observed that allegation of malafide were not substantiated, as tender was scrapped by NTPC Board on 3.6.2010 being quoted price of L-1 bidder was 38.29% (Rs.266.57 crores) higher than the estimated cost. The report was sent to CVC vice OM dated 1.11.2010.

6	Complaint received From CVC under Public interest disclosure protection of informer resolution against Shri P.K. Bhardwaz , DGM, NTPC alleging spending huge money on children education, purchase of Cars, investment in share and property etc.	As advised by CVC, It was informed to CVO,NTPC vide letter dated 31 st December 2012 to take up the case with CBI for discreet verification, since the matter pertained to a below board level officer of NTPC.
7	Addl. Secretary, DOPT vide DO letter 19.7.2010 forwarded an article appearing in the Indian Express, Delhi dated 8 th July 2010 regarding "US Firm bribed Indian PSUs for contracts; Deptt. Of Justice to Court" in which it was alleged that BHEL, MSEB, HSEB, NTPC, Bhilai Electricals as well as Spin Industries and J.Mehta& Co. having received bribes from California based Control Component Inc. (CCI) .	The matter was examined in consultation with CVO, NTPC and the report was forwarded to DOPT. On examination of reports of CVO, NTPC it was seen that though M/s. CCI have informed of making some payments through their agents to officials of NTPC, however, neither any name nor any evidence regarding payment of such bribes to NTPC officials could be made available by M/s CCI. DOPT was informed that due to lack of evidence the matter could not be pursued.
8	Complaint against ShriR.S.Sharma, CMD, NTPC for award of the package for development and operation of PakriBarwadih Coal Mine at twice the estimated cost.	CVO, NTPC vide letter dated 17.1.2011 and 25.2.2011 furnished the report, which were examined in the Ministry and no irregularity found. The same was forwarded to CVC vide OM dated 18 th April 2011 in agreement with CVO, NTPC report.
9	Corruption in Bongaigaon Thermal Power station by NTPC Scam of Rs.269 crores.	A number of complaints were received. On the complaints CVO, NTPC vide letter dated 9/5/2011 furnished the report which was examined in the Ministry and forwarded to Cabinet Secretariat /PMO as well as CVC. CVC vide OM dated 5.3.2012 advised to take up the matter with the management for review of the system. They also advised that Ministry may examine the part of the complaint where it is stated that Mr. Vinod Kumar whose cell No. is given is acting as middleman between Mr. Choudhary, CMD, NTPC and Parties/contractors. The matter was taken up with the CVO, NTPC and Department of Telecommunication to obtain the call details of Cell number of ShriVinod Kumar. CVO, NTPC and Department of Telecommunication have informed that the details can be obtained through designated security agency. CVC has been informed in this regard with the request for closure of case.

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 4970 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

(Details of the cases of alleged corruption and irregularities involving embezzlement of funds in the National Thermal Power Corporation Limited (NTPC) during the last five years along with action taken against those found guilty received in the NTPC)

SI No.	Allegations	Action taken
1	Theft of Naphtha by falsifying the weighment records to the extent of Rs. 5.67 lacs.	FIR was lodged by the project officials. In departmental inquiry penalty of reduction to lower grade was imposed on 07.04.2009.
2.	Theft of Naphtha by falsifying the weighment records to the extent of Rs. 6.32 lacs.	-do-
3	Embezzlements of company funds to the extent of approx. Rs. 70,23,553/-	FIR was lodged by the project officials. Major penalty proceedings are in progress. Inquiring Authority appointed on 16.07.2012
4.	Release of fraudulent payments to the extent of approx. Rs. 29,50,409/- to M/s Jaypee Corp.	FIR was lodged by the project officials. Major penalty proceedings are in progress. Inquiring Authority appointed on 26.02.2013
5	Misappropriation of NTPC funds to the extent of approx. Rs. 18,71,576/-	FIR was lodged by the project officials. Major penalty proceedings are in progress. Inquiring Authority appointed on 25.02.2013.
6	Pilferage of construction steel of the value of approx. Rs. 44 lacs.	FIR was lodged by the project officials. Major penalty proceedings are in progress. One more official of Manager rank has also been charge sheeted for departmental action.
7.	Accepting favour from sub-contractor of NTPC Koldam for sponsoring the education of her daughter at King's College London costing Rs. 20 lakhs.	Departmental proceedings for major penalty action initiated on 28.03.13
8.	Demanding "Blackberry" mobile phone as Illegal gratification from a working contractor	Departmental proceedings for major penalty action initiated on 08.04.13. Voice sample & recorded conversation of the Charged Officer have been sent to Truth Lab for analysis for invoking, side by side, case under PC Act / criminal proceedings.
9.	Fraudulent issue of Computer Cartridges from Stores of NTPC, EOC	Recordable Warning issued on 30.10.2012
	- do-	Administrative action approved by DA
	- do -	Minor penalty proceedings approved by DA. File sent to DA on 05.02.2013 for review of for review of case and recommend major penalty proceedings against Sh. M.C. Verma, Engr.(Stores).
	- do -	Major penalty proceedings approved by DA

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.428
TO BE ANSWERED ON 25.04.2013

HYDRO POWER GENERATION CAPACITY

*428. SHRI KISHNBHAI V. PATEL:
SHRI RAVNEET SINGH:

Will the Minister of POWER
be pleased to state:

- (a) whether there is any proposal to explore the potential of hydro power generation capacity in the country and invite Foreign Direct Investment (FDI) in the sector;
- (b) if so, the details thereof;
- (c) the target fixed for increasing the hydro power generation capacity during the 12th Five Year Plan period along with the funds proposed to be allocated/released and the steps taken/being taken by the Government to achieve the target; and
- (d) the locations identified for setting up of new hydro power projects in the country along with the steps being taken by the Government to remove the bottlenecks for construction of hydro power projects in the country?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

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

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4971
ANSWERED ON 25.04.2013

THERMAL POWER PLANTS

4971. SHRI D.B. CHANDRE GOWDA:
SHRI JAGDISH SINGH RANA:

Will the Minister of POWER
be pleased to state:

- (a) whether the Government is in a position for 100 per cent utilisation of the installed capacity of power generation of the power plants;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) the difference between installed capacity and actual power generation from the power plants in the Public sector and Private sector during the last three years and the current year; and
- (d) the steps being taken/proposed to be taken by the Union Government in the matter?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : 100% utilization of Installed capacity of generation power plants is not possible, on account of various factors such as auxiliary power consumption, planned maintenance and forced outage of the plants. Also, the generation from plants depends on required schedule of power depending upon demand, availability of fuel, transmission constraints & outage of units. In case of hydro, availability of water is also a factor.

(c) : The installed capacity is measured in Mega Watt (MW) and actual power generation from the power plant during a year is measured in Million Unit (MU). The installed capacity (MW) and actual power generation (MU) from the power plants in Public sector and Private sector during the last three years and the current year are as under:

YEAR	Installed Capacity (MW) as on 31 st March of the year			Actual Generation during the year # (MU)		
	Private	Public Sector		Private	Public Sector	
		Central	State		Central*	State
2012-13	68859.04	65359.94	89124.62	183963.85	380636.5 7	347051.8 9
2011-12	59121.73	54029.43	86725.87	139646.58	369289.1 7	367952.7 3
2010-11	35449.70	50759.43	87417.28	116139.81	351701.4 3	343301.5 5
2009-10	29014.01	47479.43	82905.05	93634.47	329642.4 7	348273.6 4

Excludes generation from stations up to 25 MW.

* Includes imports from Bhutan

(d) : Steps have been taken / proposed to be taken by the Government to improve generation to the extent possible are:

- Better operation and Maintenance of plant.
- Adoption of more efficient Super critical technology for thermal power generation.
- Renovation, modernization and life extension of old power generating units.
- Retirement of inefficient thermal generation units.
- Promoting energy efficiency in existing thermal power plants.

* * * * *

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4982
ANSWERED ON 25.04.2013

ULTRA MEGA POWER PROJECTS

4982. SHRI P.R. NATARAJAN:
SHRIMATI SHRUTI CHOUDHRY:

Will the Minister of POWER
be pleased to state:

- (a) whether the Union Government has approved setting up of Ultra Mega Power Projects (UMPPs) in the country particularly in Tamil Nadu;
- (b) if so, the details thereof along with their power generation capacity, Project and State-wise;
- (c) whether these projects were completed and power generation has been started by them and if so, the details thereof, project-wise;
- (d) if not, the reasons therefor and the steps being taken by the Union Government for their early completion, project-wise;
- (e) whether some States will get 50 per cent of power from these UMPPs; and
- (f) if so, the details thereof, State-wise?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (d) : The Government of India had launched an initiative for the development of coal-based Ultra Mega Power Projects (UMPPs) each with a capacity of 4,000 MW. Sixteen UMPPs have been identified in various parts of the Country. Out of these, two UMPPs are identified for being located in Tamil Nadu. So far, four UMPPs have been awarded to the developer(s) selected through International Tariff based competitive bidding process. Mundra UMPP is fully commissioned and generating

electricity. First unit of Sasan UMPP has been synchronized in March 2013. Other units of Sasan UMPP and all the units of Krishnapatnam and Tilaiya UMPP are likely to be commissioned in the 12th Plan, except the last unit of Tilaiya UMPP which is expected in 13th Plan. Other UMPPs are in various stages of development and commissioning schedule of these UMPPs can be given only after the projects are awarded to the developers.

Power generation capacity with Project-wise & State-wise details of the various UMPPs is Annexed.

(e) & (f) : States namely Odisha will get 50% power from two additional UMPPs proposed in the State of Odisha and Andhra Pradesh will get 50% power from second UMPP in Andhra Pradesh and Maharashtra will get 50% power from UMPP proposed in Maharashtra.

ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 4982 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

A. Awarded UMPPs.

Sl. No	UMPP	Proposed Capacity (MW)	Location	Status
Madhya Pradesh				
1.	Sasan (6x660MW)	6x660=3960	Sasan in District Singrauli.	Project awarded and transferred to M/s Reliance Power Ltd. on 07.08.2007. Project is under advanced stage of construction and its first unit was synchronized on 9.3.2013 and expected to achieve CoD in May, 2013. Last unit is expected to achieve CoD in April, 2016.
Gujarat				
2.	Mundra (5x800MW)	5x800=4000	Mundra in village Tundawand in District Kutch.	Project awarded and transferred to M/s Tata power Ltd. on 24.4.2007. All the 5 Units of Mundra UMPP have been commissioned. Mundra UMPP has become fully commercially operational.
Andhra Pradesh				
3.	Krishnapatnam (6x660MW)	6x660=3960	Krishnapatnam in District Nellore.	The Project awarded and transferred 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), a Reliance Power Company 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 Arbitrator Council. The Case is subjudice.
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.

B. Other UMPPs

Odisha			
5.	Bedabahal	Near Bedabahal in Sundergarh District.	Request for Qualification (RFQ) bids for selection of the Developer of the project have been received on 1st August, 2011. Request for Proposal to be issued after SBDs finalization.
6.	1st additional UMPP in Orissa	Site at Bijoypatna in Chandbali Tehsil of Bhadrak district for coastal location has been identified.	--
7.	2nd additional UMPP in Orissa	Site at Narla&Kasinga sub division of kalahandi District for inland location has been identified.	--
Chhattisgarh			
8.	Chhattisgarh	Near Salka&Khameria villages in District Surguja.	The RfQ was issued on 11.6.2010. The date of submission of RfQ for Chhattisgarh UMPP is being extended from time to time as Ministry of Environment and Forests (MoEF) has categorized coal blocks of this UMPP in "No Go" area. The last date for submission of RfQ bids now is 3.10.2013.
Tamil Nadu			
9.	Tamil Nadu	Village Cheyyur, District Kancheepuram.	The site has been finalized. RfQ to be issued after Standard Bidding Documents (SBDs) are revised.
10	2nd Tamil Nadu UMPP	Site Not finalized	--
Andhra Pradesh			
11.	2nd Andhra Pradesh UMPP	Village Nayunipalli, District Prakasam, Andhra Pradesh	Pre-RfQ stage
Jharkhand			
12.	2nd Jharkhand UMPP	Site at Husainabad, Deoghar Distt has been identified.	--
Gujarat			
13.	2nd Gujarat UMPP	Not finalized	--
Karnataka			
14.	Karnataka	State Govt. has identified a suitable site in Niddodi village of Mangalore taluka Dakshina Kannada District.	--
Maharashtra			
15.	Maharashtra	Not finalized	--
Bihar			
16.	Bihar	site at Kakwara in Banka Distt has	

	been identified.	
--	------------------	--

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4990
ANSWERED ON 25.04.2013

DEBT OF POWER COMPANIES

4990. DR. ANUP KUMAR SAHA:

Will the Minister of POWER
be pleased to state:

- (a) the debts of power distribution companies in Delhi towards the National Thermal Power Corporation Limited (NTPC), company-wise; and
- (b) the steps being taken/proposed to be taken by NTPC to recover them?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) : There are no over dues outstanding from power distribution companies in Delhi to NTPC as on 31.03.2013 against monthly energy bills.

(b) : In view of (a) above does not arise.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4998
ANSWERED ON 25.04.2013

SUPER CRITICAL THERMAL POWER PLANT

4998. SHRI ADAGOORU VISHWANATH:

Will the Minister of POWER
be pleased to state:

- (a) whether a super critical Thermal Power Plant was decided to be set up in Raichur area of Karnataka;
- (b) if so, the details thereof along with the present status thereof;
- (c) the details of prospective completion of the project and commencement of its commercial operation; and
- (d) the present status of the imported coal based Thermal Power project at Udupi in Karnataka?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) : Yes, Madam, Yermarus super critical thermal power projects of Karnataka Power Corporation Limited (KPCL) is under construction in Raichur area of Karnataka. The details of the project are given below:

Sl. No.	Name of Project	Anticipated date of Commissioning	Anticipated Commercial Operation date
1	Yermarus Thermal Power Plant (2x800 MW) KPCL	March, 2016	June, 2016

Present Status of Yermarus Thermal Power Project (2x800 MW):

Boiler erection of both the units started and pressure part erection is in progress. Foundation work for Electrostatic precipitator, Primary Air, Forced Air & Induced Draft fans, Mills & bunkers, Control room, Cooling Water pump house, Ash Handling Plant & Coal Handling Plant and Turbine Generator is in progress.

(d) : Both the Units of Udupi Thermal Power Project (2x600 MW) have been commissioned and started commercial operation.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.5001
ANSWERED ON 25.04.2013

INTER-REGIONAL CORRIDORS

5001. SHRI C.R. PATIL:
SHRIMATI JAYSHREEBEN PATEL:

Will the Minister of POWER
be pleased to state:

- (a) the capacity of present transmission lines in the country;
- (b) whether the Union Government plans to run these transmission lines in their full capacity and if so, the details thereof and if not, the reasons therefor;
- (c) whether the Gujarat is unable to supply surplus power to power deficit States due to constraints in inter-regional transmission Corridors and if so, the details thereof;
- (d) whether the Union Government has chalked out any plan for power deficit States in this regard;
- (e) whether Government of Gujarat has requested the Union Government to utilize the fund lying in Power System Development Fund for creation of sufficient inter-regional transmission links; and
- (f) if so, the details thereof and the response of the Union Government thereto?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : The total circuit kilometers (ckm) of transmission lines at the voltage level of 220 KV and above in the country is 2,74,588 ckm as on 31.03.2013.

.....2.

(b) : The transmission lines are allowed to be run to their full capacity wherever it is permissible in accordance with Regulations/standards of Central Electricity Authority (CEA)/Central Electricity Regulatory Commission (CERC). However, in certain cases, the loading on transmission lines may have to be restricted keeping in view the voltage stability, angular stability, loop flows, load flow pattern and loading of weakest link in the grid.

(c): Presently, there is no constraint in the Inter-State Transmission System for transfer of long term allocated power from various generating stations to different beneficiary states. Any margin that may be available in the transmission system are utilised to facilitate medium term and short term open access transaction and vibrant electricity market is functional in the country. Congestion is mainly faced in the short term in the import to the Southern Region (connected through High Voltage Direct Current links to the rest of the country) and seasonal congestion may occur.

(d) : It is the responsibility of power deficit States to assess and plan for import of power and seek inter-regional/inter-state transmission access from the Central Transmission Utility (CTU) under the provisions of Open Access laid down in the Electricity Act, 2003 and relevant regulations notified by CERC.

(e) & (f): Government of Gujarat has requested the Union Government to utilise the fund lying in Power System Development Fund (PSDF) for creation of sufficient inter-regional transmission links. However, no specific proposal in this regard has been received by the Managing Committee of PSDF so far. As per the CERC (Power System Development Fund) Regulation, 2010, funds available under PSDF shall be utilized as per the schemes/activities scrutinized/prioritized by the Committee appointed by CERC for administration of funds.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.5021
ANSWERED ON 25.04.2013

LENDING FOR POWER GENERATION PROJECTS

5021. SHRIMATI SHRUTI CHOUDHRY:

Will the Minister of POWER
be pleased to state:

- (a) whether the Planning Commission has warned threat there is a risk of banks turning wary of lending to power generation projects;
- (b) if so, the details thereof along with the reasons therefor; and
- (c) the steps proposed to be taken thereon?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) : No, Madam.

(b) & (c) : Do not arise.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.5041
ANSWERED ON 25.04.2013

POWER PROJECTS IN WEST BENGAL

5041. SHRI SOMEN MITRA:

Will the Minister of POWER
be pleased to state:

- (a) the details of the proposed and approved power projects in private, PPP and PSU sectors in West Bengal during the last three years along with their power generation capacity, project and sector wise;
- (b) the present status of such power projects, project-wise; and
- (c) the likely time frame by which power generation is expected to commence from these projects, project-wise?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) : As regards the Thermal Power projects, after the enactment of Electricity Act 2003, Techno-Economic approval/clearance of Central Electricity Authority (CEA) is not required for setting up of Thermal Power Projects. As such, proposals for setting up of new thermal power projects are not being received in CEA. However, sector-wise details of Thermal Power Project under construction in West Bengal are enclosed at Annex.

As regards the Hydro Power Projects, no detailed project report (DPR) of Hydro Power Project in Private, PPP and PSU sectors in West Bengal during the last three years has been cleared by CEA. Also no detailed project report of hydro power project in private, PPP and PSU Sectors in West Bengal is under examination in CEA. However, one Hydro electric power project viz. Teesta Low Dam-IV (4X40 MW =160 MW) is under construction in West Bengal and is likely to be commissioned in 2014-15.

ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 5041 TO BE ANSWERED IN THE LOK SABHA ON 25.04.2013.

Details of Thermal power projects which are presently under construction in the state of West Bengal

Project Name	Unit No	Cap. (MW)	Date of Award	Anticipated date of Commissioning)	Status
<i>CENTRAL SECTOR</i>					
Raghunathpur TPP - I	U-1	600	14.12.2007	07/2013	Boiler light up completed in 10/2012. TG Boxed up in 5/2012. Steam Blowing off could not be started due to non completion of Boiler insulation work.
Raghunathpur TPP - I	U-2	600		02/2014	Hydro test completed in 5/2012. TG erection yet to start.
Raghunathpur TPP - II	U-1	660	SGT- 04.09.12,	01/2017	Order for main plant equipment placed (SG- on M/s BGR and TG on BHEL)
Raghunathpur TPP - II	U-2	660	SG- 07.09.2012	07/2017	
<i>STATE SECTOR</i>					
Durgapur TPS Extn	U-8	250	28.07.2010	01/2014	Hydro Test completed in 1/2013. Boiler light up expected in 7/2013. TG erection started in Feb 2013 and Box up expected in 10/2013.
Sagardidhi TPP-II	U-3	500	22.02.2011	11/2014	Boiler Dum lifted in 9/2012. Condenser erection started in 11/2012.
Sagardidhi TPP-II	U-4	500		02/2015	Boiler erection is in progress. TG deck casted
<i>PRIVATE SECTOR</i>					
Haldia TPP-I	U-1	300	14.09.2011	08/2014	Boiler drukjm lifted in 3/2013.
	U-2	300		11/2014	Boiler structural erection is in progress. Drum lifting is expected in 5/2013.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.5043
ANSWERED ON 25.04.2013

CYBER THREAT TO POWER GRIDS

5043. SHRI M. KRISHNASSWAMY:

Will the Minister of POWER
be pleased to state:

- (a) the steps being taken by the Government for securing the grids and other power installations from cyber threats; and
- (b) the amount spent for this purpose during the 11th Five Year Plan period and the quantum of funds allocated and spent so far the same during the 12th Five Year Plan period?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : The CERT-In (Indian Computer Emergency Response Teams), Department of Information Technology, Ministry of Communication and Information Technology, Government of India has prepared a Crisis Management Plan (CMP) for countering cyber attacks and cyber terrorism for preventing the large scale disruption in the functioning of critical information systems of Government, public and private sector resources and services. Ministry of Power has also constituted CERT-Thermal, CERT-Hydro and CERT-Transmission with nodal agencies as NTPC, NHPC and POWERGRID respectively, to take necessary action to prevent cyber attacks on the utilities under their jurisdiction.

(b) : As per information provided by Power Grid Corporation of India Ltd. (PGCIL) and National Hydro-Electric Power Corporation Ltd. (NHPC), Cyber Security provisions are an integral part of Information Technology (IT) based projects. As such, there is no separate fund allocation for this purpose. NTPC has informed that to implement Crisis Management Plan, since its first release in 2009, it has incurred Rs.3.95 crore in the 11th Five Year Plan and has planned an expenditure of Rs.17 crore in 12th Five Year Plan.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.5047
ANSWERED ON 25.04.2013

THERMAL POWER PROJECT IN GUJARAT

5047. SHRIMATI DARSHANA JARDOSH:

Will the Minister of POWER
be pleased to state:

- (a) whether the Union Government is aware that the State Government of Gujarat has approved the implementation of 2 x 660 MW Thermal Power Project by the Thermal Power Corporation Limited (NTPC) at Dhuvaram in Gujarat;
- (b) if so, the details thereof and the progress made by the NTPC in this regard;
- (c) whether the Gujarat Government has requested the Union Government to allow the State Generating Company to implement the project by itself due to lack of progress shown by the NTPC in this regard; and
- (d) if so, the details thereof and the response of the Union Government in this regard?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Government of Gujarat vide letter dated 1.7.2010 has given in-principle clearance for setting up of 2x660 MW Dhuvaran Thermal Power Project by NTPC in surplus land available within the existing premises of Gujarat State Electricity Corp. Ltd. (GSECL).

Following progress has been made in this project, as given below:

- Topographic Survey, Preliminary Geo-Tech Study, Transportation logistic Study completed.
- PPA signed with all beneficiaries of Western Region, namely, Gujarat, Madhya Pradesh, Goa, Dadra & Nagar Haveli, Daman & Diu, Chhattisgarh and Maharashtra.

- Environment Impact Assessment (EIA) study completed.
- Application for getting NOC from Airport Authority of India (AAI) submitted.
- Feasibility Report under preparation.

However, land allocation and linkage of coal will be required for further progress of project. Further, as per high tide line (HTL) drawn by Space Application Centre, Ahmedabad, the project is not under Coastal Regulation Zone (CRZ) but MoEF shall be approached for formal clearance under CRZ notification after finalization of Feasibility Report.

(c) : No request has been received in this Ministry in this regard.

(d) : In view of (c) above does not arise.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.5051
O BE ANSWERED ON 25.04.2013

GROWTH OF POWER SECTOR

5051. SHRI AHIR VIKRAMBHAI ARJANBHAI MAADAM:

Will the Minister of POWER
be pleased to state:

- (a) whether there are enough possibilities for immense growth of power sector with just 700 unit of per capita power consumption in the country at present;
- (b) if so, the perspective plans in this regard for the 12th Five Year Plan period;
- (c) the cost difference between power generation by public sector and the private sector;
- (d) whether the Government proposes to launch cost cutting measures to bring the cost of power generation in the public sector at par or lower than that of the private sector; and
- (e) if so, the details thereof along with the steps being taken in this regard?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Yes, Madam.

(b) : Capacity addition programme to meet the demand of power in the country is planned keeping in view the overall growth of the economy and the demand for power from various sectors. As per Planning Commission, a capacity addition programme of 88,537 MW has been finalized from conventional sources during 12th Five Year Plan on an all-India basis. With this level of capacity addition demand for power on an all-India basis is likely to be met by the terminal year of 12th Five Year Plan.

(c): The cost of power generation varies from project to project and depends upon the type of power plant, type of fuel used, its transportation cost and project's financial package etc. Therefore, it would not be appropriate to compare the cost difference between generation of power by public sector and private sector projects.

(d) & (e): The Tariff Policy notified by the Central Government, inter-alia, provides that tariff of all new generation projects should be decided on the basis of competitive bidding, with some exemptions in hydro sector. Competition will lead to significant benefits to consumers through reduction in capital costs and efficiency of operations.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.5052
ANSWERED ON 25.04.2013
SOLAR POWER BY NTPC

5052. SHRI SIVASAMI C.:

Will the Minister of POWER
be pleased to state:

- (a) whether the National Thermal Power Corporation Limited (NTPC) proposes to add 20 MW solar photo voltaic power capacity during the next fiscal;
- (b) if so, the details thereof;
- (c) whether various solar photo voltaic plants of NTPC have already commenced commercial power generation; and
- (d) if so, the details thereof?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b): NTPC is yet to finalize the target for solar photovoltaic power capacity addition for the next fiscal (2014-15). However, work on following three projects is already under progress and at least 20 Mega Watt (MW) is targeted for commissioning during 2013-14 in line with Government Memorandum of Understanding.

S.No	Project	Location	Capacity
1.	Ramagundam Solar Photo Voltaic (PV)	Andhra Pradesh	10 MW
2.	Unchahar Solar PV	Uttar Pradesh	10 MW
3.	Talcher Kaniha Solar PV	Odisha	10 MW

(c) & (d): Yes, Madam. NTPC has already commenced commercial power generation of 10 MW solar photovoltaic power in the Financial Year 2012-13. Details of the same are given below:

S.No.	Project	Location	Capacity	Commercial Operation Date
1.	Dadri Solar PV	Uttar Pradesh	5 MW	30.03.13
2.	A & N Solar PV	Andaman & Nicobar	5 MW	31.03.13

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.5055
ANSWERED ON 25.04.2013

DELAY IN CONSTRUCTION OF NEW POWER PLANTS

†5055. SHRIMATI RAMA DEVI:
DR. SANJAY SINH:

Will the Minister of POWER
be pleased to state:

- (a) whether the administrative red tapism is one of the major reasons for delay in construction of new and the completion of under construction power plants in the country;
- (b) if so, the details and the reaction of the Union Government thereto;
- (c) whether the Union Government proposes to carry out reforms in the existing procedures for early construction and commissioning of the power projects; and
- (d) if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER
(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (d) : The major reasons for delay in construction of new and completion of under construction power generation plants, inter-alia, include delay in the placement of orders for main plant equipment, slow progress of civil works, contractual disputes between project developer and contractor and their sub-vendors / sub-contractors, poor geology, flash flood, delay in land acquisition, environmental concern, law and order problems/local issues and difficult climate conditions.

Several steps have been taken by the Government for early construction and commissioning of power projects in a timely manner. These, inter alia, include constitution of a Task Force on Hydro Project Development to look into all issues relating to development of hydro-power including issues of rehabilitation and resettlement of project affected persons; constitution of an Inter-Ministerial Group (IMG) to evolve a suitable framework to guide and accelerate the development of hydropower in the North-East; setting up of a Power Project Monitoring Panel by the Ministry of Power to independently follow up and monitor the progress of the hydro/thermal projects to ensure that projects are executed in time; and setting up of an Advisory Group under the Chairmanship of Hon'ble Minister of State for Power (Independent Charge) to discuss and deliberate periodically issues pertaining to the Power Sector and suggest reform in different areas related to the sector.
