GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.181
ANSWERED ON 22.08.2013

GAS PRICES AND POWER SECTOR

*181. SHRI M. ANANDAN:

Will the Minister of POWER
be pleased to state:

(a) whether the Ministry of Power has opposed the proposal to hike the price of domestic natural gas from the present rate of $4.2 per million British thermal units (mBtu) especially that which comes from the fields of national oil entities like the Oil and Natural Gas Corporation (ONGC) and Oil India Limited (OIL) where pricing is regulated by the Government as per the Administered Price Mechanism (APM);

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

(c) whether any price of gas higher than $5 per mBtu would be economically unviable for the power sector;

(d) if so, the details thereof; and

(e) the steps being taken by the Government to maintain the viability of the power sector after the proposed hike in price of natural gas?

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.

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STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 181 ANSWERED IN THE LOK SABHA ON 22.08.2013 REGARDING GAS PRICES AND POWER SECTOR.

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(a) to (e): Government has approved the gas price formula, which will be applicable to all natural gas produced domestically from 1st April, 2014 for a period of 5 years, based on the Rangarajan Committee recommendations. As power sector is one of the largest consumers of natural gas, the Ministry of Power had inter-alia submitted its views that a base price beyond 5$/MMBTU may become unviable for the power sector in the present context. It had further urged that even though the decision of hike in the price of natural gas might be necessary, keeping in view the investment considerations, certain special dispensation for a critical sector such as power should be evaluated to enable this sector to continue to off take natural gas for power generation at a viable tariff level.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.183
ANSWERED ON 22.08.2013

ALLOCATION OF GAS TO POWER PLANTS

*183. DR. RAM CHANDRA DOME:

Will the Minister of POWER
be pleased to state:

(a) the details of the gas based power plants including the under commissioning and captive power plants in Central, State and Private sectors that are dependent on gas supply from the Krishna Godavari (KG) D-6 Basin, sector-wise;

(b) whether gas based power projects with capacity of 15000 Mega Watt have been adversely affected and are either out of commission or lying idle due to stoppage/reduction in gas supply from the KG D-6 Basin;

(c) if so, the details thereof along with the quantum of gas allocation made to such power plants from the KG D-6 Basin indicating the average output therefrom in million metric standard cubic metres per day (mmscmd) during the first and second quarter of 2013; and

(d) the steps taken/being taken by the Government to re-commission the said projects?

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.

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STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 183 ANSWERED IN THE LOK SABHA ON 22.08.2013 REGARDING ALLOCATION OF GAS TO POWER PLANTS.

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(a) : The details of Gas based power plants dependent on gas supply from the Krishna Godavari (KG) D-6 basin, sector wise, is placed at Annex-I.

(b) & (c) : The supply of KG D-6 Gas to power sector has been zero since March, 2013. Quantum of gas supplied to power plants during first and second quarter of 2013 (till 19th August, 2013) from KG D6 was zero. Power plants dependent completely on KG D-6 are lying idle as per details at Annex-II. Power plants which were getting both APM & (KG) D-6 Gas are running at low PLF due to zero supply from (KG) D-6 as per details at Annex-III.

(d) : Government is making efforts for the additional availability of gas to the power sector and taking steps to increase domestic production of gas in the country and facilitating import of RLNG.

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ANNEX-I

ANNEX REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 183 ANSWERED IN THE LOK SABHA ON 22.08.2013 REGARDING ALLOCATION OF GAS TO POWER PLANTS.

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Details of Gas based plants dependent on (KG) D-6 basin gas

Sl. No	Name of Power Station	Installed Capacity (MW)	Name of the State
CENTRAL SECTOR			
1	NTPC,FARIDABAD CCPP	431.59	HARYANA
2	NTPC, ANTA CCPP	419.33	RAJASTHAN
3	NTPC, AURAIYA CCPP	663.36	UTTAR PRADESH
4	NTPC, DADRI CCPP	829.78	UTTAR PRADESH
	Sub Total (NR)	2344.06	
5	NTPC, GANDHAR (JHANORE)	657.39	GUJARAT
6	NTPC, KAWAS CCPP	656.2	GUJARAT
7	RATNAGIRI (RGPPL-DHABHOL)	1967	MAHARASHTRA
	Sub Total (WR)	3280.59	
	Total (CS)	5624.65	
STATE SECTOR			
8	PRAGATI CCGT-III	1000	DELHI
	Sub Total (NR)	1000	
9	DHUVARAN CCPP(GSECL)	218.62	GUJARAT
10	HAZIRA CCPP(GSEG)	156.1	GUJARAT
11	UTRAN CCPP(GSECL)	518	GUJARAT
12	DHOLPUR CCPP	330	RAJASTHAN
13	URAN CCPP (MAHAGENCO)	672	MAHARASHTRA
	Sub Total (WR)	1894.72	
	Total (SS)	2894.72	
PVT SECTOR			
14	VATWA CCPP (TORRENT)	100	GUJARAT
	Sub Total (WR)	100	
PVT IPP SECTOR			
15	RITHALA CCPP (NDPL)	108	DELHI
	Sub Total (NR)	108	
16	BARODA CCPP (GIPCL)	160	GUJARAT
17	ESSAR CCPP **	300	GUJARAT
18	PEGUTHAN CCPP (GTEC)	655	GUJARAT
19	SUGEN CCPP (TORRENT)	1147.5	GUJARAT
	Sub Total (WR)	2262.5	
20	GAUTAMI CCPP	464	AP
21	GMR - KAKINADA (Tanirvavi)	220	AP
22	JEGURUPADU CCPP (GVK)	455.9	AP
23	KONASEEMA CCPP	445	AP
24	KONDAPALLI EXTN CCPP .	366	AP
25	KONDAPALLI CCPP (LANCO)	350	AP
26	PEDDAPURAM (BSES)	220	AP
27	VEMAGIRI CCPP	370	AP
28	SRIBA INDUSTRIES	30	AP
29	RVK ENERGY	28	AP
30	SILK ROAD SUGAR	35	AP
31	LVS POWER	55	AP
	Sub Total (SR)	3038.9	
	Total (PVT IPP S)	5409.4	
	Total(PVT)	5509.4	
	GRAND TOTAL	14028.77	

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ANNEX-II

ANNEX REFERRED TO IN PARTS (b) & (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 183 ANSWERED IN THE LOK SABHA ON 22.08.2013 REGARDING ALLOCATION OF GAS TO POWER PLANTS.

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List of Power Plants which run only on KG D6 gas

Sl. No.	Name of the Project	State	Capacity (in MW)	Allocation of KG D6 (MMSCMD)	Supply of KG D6 Gas
1	Torrent Vatva (AEC) Ahmedabad)	Gujarat	100	0.37	0
2	GEB, Dhuwaran (GSECL), Exp	Gujarat	218.62	0.44	0
3	GEB, Uttran (GSECL) Exp	Gujarat	518	1.45	0
4	Essar Power		300	1.17	0
5	Silk Road	Andhra Pradesh	35	0.1	0
6	Tanirbavi	Andhra Pradesh	220	0.88	0
7	Lanco Kondapalli Power Ltd (Exp)	Andhra Pradesh	366	1.46	0
8	Sriba Industries	Andhra Pradesh	30	0.12	0
9	RVK Energy	Andhra Pradesh	28	0.112	0
10	LVS Power	Andhra Pradesh	55	0.22	0
11	NDPL (Rithala)	Delhi	108	0.4	0
12	Pragati Power-III	Delhi	1000	0.93	0
	Total		2978.62	7.652	0

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ANNEX-III

ANNEX REFERRED TO IN PARTS (b) & (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 183 ANSWERED IN THE LOK SABHA ON 22.08.2013 REGARDING ALLOCATION OF GAS TO POWER PLANTS.

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Power Plant which are getting APM Gas but zero supply from (KG) D-6 despite allocation

S. No	Name of Power Station	Installed Capacity (MW)	Name of the State
CENTRAL SECTOR			
1	NTPC,FARIDABAD CCPP	431.59	HARYANA
2	NTPC, ANTA CCPP	419.33	RAJASTHAN
3	NTPC, AURAIYA CCPP	663.36	UTTAR PRADESH
4	NTPC, DADRI CCPP	829.78	UTTAR PRADESH
	Sub Total (NR)	2344.06	
5	NTPC, GANDHAR (JHANORE)	657.39	GUJARAT
6	NTPC, KAWAS CCPP	656.2	GUJARAT
7	RATNAGIRI (RGPPL-DHABHOL)	1967	MAHARASHTRA
	Sub Total (WR)	3280.59	
	Total (CS)	5624.65	
STATE SECTOR			
8	HAZIRA CCPP(GSEG)	156.1	GUJARAT
9	DHOLPUR CCPP	330	RAJASTHAN
10	URAN CCPP (MAHAGENCO)	672	MAHARASHTRA
	Sub Total (WR)	1158.1	
	Total (SS)	1158.1	
PVT SECTOR			
PVT IPP SECTOR			
11	BARODA CCPP (GIPCL)	160	GUJARAT
12	PEGUTHAN CCPP (GTEC)	655	GUJARAT
13	SUGEN CCPP (TORRENT)	1147.5	GUJARAT
	Sub Total (WR)	1962.5	
14	GAUTAMI CCPP	464	AP
15	JEGURUPADU CCPP (GVK)	455.9	AP
16	KONASEEMA CCPP	445	AP
17	KONDAPALLI CCPP (LANCO)	350	AP
18	PEDDAPURAM (BSES)	220	AP
19	VEMAGIRI CCPP	370	AP
	Sub Total (SR)	2304.9	
	Total (PVT IPP S)	4267.4	
	Total(PVT)	4267.4	
	GRAND TOTAL	11050.15	

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.187
ANSWERED ON 22.08.2013

POWER SUPPLY FROM NTPC

*187. DR. SANJAY JAISWAL:

Will the Minister of POWER
be pleased to state:

(a) whether the requisite quota of power has been supplied to each State including Bihar from the National Thermal Power Corporation (NTPC) power plants during the last three years and the current year;

(b) if so, the details thereof including the quantum of power allocated to each State and supplied from the power plants of NTPC including Bihar during the said period and if not, the reasons therefor;

(c) whether the Government has received any complaint regarding less supply of power from these States including Bihar from NTPC power plants; and

(d) if so, the details thereof and the remedial measures 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 (d) : A Statement is laid on the Table of the House.

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STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 187 ANSWERED IN THE LOK SABHA ON 22.08.2013 REGARDING POWER SUPPLY FROM NTPC.

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(a) & (b) : The details of the quantum of power allocated and supplied, in terms of NTPC's actual generation, to each State including Bihar from NTPC power plants during last three years and current year is at Annex.

(c) & (d) : Yes, Madam. The Government has received references in the recent past from Bihar and Assam. Both Bihar and Assam had less supply of power from Farakka and Kahalgoan Super Thermal Power Stations (STPSs) of NTPC which supply power to these States, due to shortage of coal.

The actual supply from a power plant may be less than the allocation also due to several factors including inter-alia, auxiliary power consumption, fuel shortage, transmission/distribution constraint and forced/ planned outage of generating unit, etc.

The remedial measures taken in case of Bihar and Assam were :-

(i) Government of India supplements the effort of State / concerned CPSU by way of facilitating adequate fuel supply arrangements to Central Sector Generating companies including NTPC. Accordingly, Ministry of Railways and Ministry of Coal were insisted upon to supply sufficient coal to Farakka STPS, Kahalgoan STPS and other power stations of NTPC.

(ii) Further, Government of India also assists by reallocating the surrendered power from Central Generating Stations (CGSs) to the States as per their concurrence. Government of Bihar and Assam were offered power from Aravali Power Company Private Limited (APCPL), Jhajjar. Consent has not been received from these States so far.

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ANNEX

ANNEX REFERRED TO IN PARTS (a) & (b) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 187 ANSWERED IN THE LOK SABHA ON 22.08.2013 REGARDING POWER SUPPLY FROM NTPC.

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Power allocation & power supplied to various beneficiaries from NTPC Stations during 2010-11

Sl. No.	State/Union Territory/Bulk consumers	Power Allocation (MW)	Power Allocation (% of NTPC's own commercial capacity)	Power supplied (% of actual commercial generation)
1	Andhra Pradesh	2245	7.51	7.51
2	Andaman & Nicobar	0	0.00	0.00
3	Arunachal Pradesh	12	0.04	0.04
4	Assam	234	0.78	0.78
5	Bihar	1209	4.04	4.04
6	Chhattisgarh	653	2.18	2.18
7	Chandigarh	90	0.30	0.30
8	Delhi	3110	10.40	10.40
9	Dadar & Nagar Havelli	410	1.37	1.37
10	Daman & Diu	173	0.58	0.58
11	Goa	416	1.39	1.39
12	Gujarat	2029	6.79	6.79
13	Haryana	1111	3.72	3.72
14	Himachal Pradesh	283	0.95	0.95
15	Jammu & Kashmir	635	2.12	2.12
16	Jharkhand	313	1.05	1.05
17	Karnataka	888	2.97	2.97
18	Kerala	970	3.25	3.25
20	Madhya Pradesh	2105	7.04	7.04
21	Maharashtra	2868	9.59	9.59
23	Meghalaya	46	0.15	0.15
24	Mizoram	8	0.03	0.03
25	Nagaland	24	0.08	0.08
26	Odisha	1355	4.53	4.53
27	Puducherry	215	0.72	0.72
28	Punjab	1035	3.46	3.46
29	Rajasthan	1074	3.59	3.59
30	Sikkim	68	0.23	0.23
31	Tamil Nadu	1469	4.91	4.91
32	Uttarakhand	393	1.31	1.31
33	Uttar Pradesh	3743	12.52	12.52
34	West Bengal	580	1.94	1.94
35	Railways	100	0.33	0.33
37	Powergrid	12	0.04	0.04
38	DVC	3	0.01	0.01
39	SEZ, Indore	13	0.04	0.04
TOTAL COMMERCIAL CAPACITY		29892	100	100

Power allocation & power supplied to various beneficiaries from NTPC Stations during 2011-12

Sl. No.	State/Union Territory/Bulk consumers	Power Allocation (MW)	Power Allocation (% of NTPC's own commercial capacity)	Power supplied (% of actual commercial generation)
1	Andhra Pradesh	2475	7.84	7.84
2	Andaman & Nicobar	0	0.00	0.00
3	Arunachal Pradesh	7	0.02	0.02
4	Assam	144	0.46	0.46
5	Bihar	1350	4.28	4.28
6	Chhattisgarh	757	2.40	2.40
7	Chandigarh	84	0.27	0.27
8	Delhi	3110	9.86	9.86
9	Dadar & Nagar Havelli	439	1.39	1.39
10	Daman & Diu	181	0.57	0.57
11	Goa	425	1.35	1.35
12	Gujarat	2209	7.00	7.00
13	Haryana	1098	3.48	3.48
14	Himachal Pradesh	272	0.86	0.86
15	Jammu & Kashmir	611	1.94	1.94
16	Jharkhand	327	1.04	1.04
17	Karnataka	991	3.14	3.14
18	Kerala	1292	4.09	4.09
20	Madhya Pradesh	2216	7.02	7.02
21	Maharashtra	3088	9.79	9.79
23	Meghalaya	46	0.15	0.15
24	Mizoram	6	0.02	0.02
25	Nagaland	16	0.05	0.05
26	Odisha	1456	4.61	4.61
27	Puducherry	224	0.71	0.71
28	Punjab	1032	3.27	3.27
29	Rajasthan	1167	3.70	3.70
30	Sikkim	74	0.23	0.23
31	Tamil Nadu	1355	4.29	4.29
32	Uttarakhand	390	1.24	1.24
33	Uttar Pradesh	3710	11.76	11.76
34	West Bengal	833	2.64	2.64
35	Railways	100	0.32	0.32
37	Powergrid	12	0.04	0.04
38	DVC	42	0.13	0.13
39	SEZ, Indore	13	0.04	0.04
TOTAL COMMERCIAL		31552	100	100

CAPACITY			

Power allocation & power supplied to various beneficiaries from NTPC Stations during 2012-13

S.No.	State/Union Territory/Bulk consumers	Power Allocation (MW)	Power Allocation (% of NTPC's own commercial capacity)	Power supplied (% of actual commercial generation)
1	Andhra Pradesh	2819	8.08	8.08
2	Andaman & Nicobar	5	0.01	0.01
3	Arunachal Pradesh	7	0.02	0.02
4	Assam	169	0.48	0.48
5	Bihar	1352	3.88	3.88
6	Chhattisgarh	1029	2.95	2.95
7	Chandigarh	84	0.24	0.24
8	Delhi	3175	9.10	9.10
9	Dadar & Nagar Havelli	551	1.58	1.58
10	Daman & Diu	212	0.61	0.61
11	Goa	454	1.30	1.30
12	Gujarat	2809	8.05	8.05
13	Haryana	1122	3.22	3.22
14	Himachal Pradesh	284	0.81	0.81
15	Jammu & Kashmir	637	1.83	1.83
16	Jharkhand	325	0.93	0.93
17	Karnataka	1092	3.13	3.13
18	Kerala	1236	3.54	3.54
20	Madhya Pradesh	2672	7.66	7.66
21	Maharashtra	3905	11.19	11.19
23	Meghalaya	46	0.13	0.13
24	Mizoram	5	0.01	0.01
25	Nagaland	16	0.05	0.05
26	Odisha	1516	4.35	4.35
27	Puducherry	224	0.64	0.64
28	Punjab	1072	3.07	3.07
29	Rajasthan	1329	3.81	3.81
30	Sikkim	68	0.19	0.19
31	Tamil Nadu	1468	4.21	4.21
32	Uttarakhand	406	1.16	1.16
33	Uttar Pradesh	3863	11.07	11.07
34	West Bengal	758	2.17	2.17
35	Railways	100	0.29	0.29
37	Powergrid	12	0.03	0.03
38	DVC	42	0.12	0.12

39	SEZ, Indore	18	0.05	0.05
TOTAL COMMERCIAL CAPACITY		34882	100	100.00

Power allocation & power supplied to various beneficiaries from NTPC Stations during 2013-14

Sl. No.	State/Union Territory/Bulk consumers	Power Allocation (MW)	Power Allocation (% of NTPC's own commercial capacity)	Power supplied (% of actual commercial generation)
1	Andhra Pradesh	2733	7.83	7.83
2	Andaman & Nicobar	5	0.01	0.01
3	Arunachal Pradesh	7	0.02	0.02
4	Assam	169	0.48	0.48
5	Bihar	1549	4.44	4.44
6	Chhattisgarh	1029	2.95	2.95
7	Chandigarh	89	0.26	0.26
8	Delhi	3175	9.10	9.10
9	Dadar & Nagar Havelli	505	1.45	1.45
10	Daman & Diu	212	0.61	0.61
11	Goa	454	1.30	1.30
12	Gujarat	2809	8.05	8.05
13	Haryana	1068	3.06	3.06
14	Himachal Pradesh	197	0.56	0.56
15	Jammu & Kashmir	672	1.93	1.93
16	Jharkhand	320	0.92	0.92
17	Karnataka	1083	3.10	3.10
18	Kerala	1198	3.43	3.43
20	Madhya Pradesh	2672	7.66	7.66
21	Maharashtra	3817	10.94	10.94
23	Meghalaya	46	0.13	0.13
24	Mizoram	5	0.01	0.01
25	Nagaland	16	0.05	0.05
26	Odisha	1503	4.31	4.31
27	Puducherry	216	0.62	0.62
28	Punjab	1192	3.42	3.42
29	Rajasthan	1452	4.16	4.16
30	Sikkim	68	0.19	0.19
31	Tamil Nadu	1458	4.18	4.18
32	Uttarakhand	427	1.22	1.22
33	Uttar Pradesh	3834	10.99	10.99
34	West Bengal	737	2.11	2.11
35	Railways	100	0.29	0.29
37	Powergrid	12	0.03	0.03
38	DVC	35	0.10	0.10
39	SEZ, Indore	18	0.05	0.05
TOTAL COMMERCIAL CAPACITY		34882	100	100.00

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2085
ANSWERED ON 22.08.2013

FUNDS SOUGHT BY RAJASTHAN

†2085. SHRI ARJUN MEGHWAL:

Will the Minister of POWER
be pleased to state:

(a) whether the Government of Rajasthan has sought an amount of Rs. 9000 crore from the Rural Electrification Corporation (REC) and the Power Finance Corporation (PFC) for power transmission, generation and distribution companies;

(b) if so, the details thereof;

(c) the guidelines issued by the Union Government to make the funds available to Rajasthan by these finance corporations and the amount of funds made available so far in this regard; and

(d) the reasons for not providing adequate funds to the Government of Rajasthan by the Union Government?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : No, Madam. The Government of Rajasthan has not sought an amount of Rs.9000 crore from REC and PFC for Power Transmission, generation and distribution companies. However, the three DISCOMS of Rajasthan, namely, Ajmer Vidyut Vitran Nigam Ltd. (AVVNL), Jodhpur Vidyut Vitran Nigam Ltd. (JdVVNL) and Jaipur Vidyut Vitran Nigam Ltd. (JVVNL) had sought Rs. 4500 crore (Rs.1500 crore each) from REC towards Transitional Financing Loans in August, 2012. Transitional Financing Loans of Rs. 4500 crore (Rs. 1500 crore each) to the three DISCOMS of Rajasthan were sanctioned in September, 2012. So far, Rs. 2250 crore (Rs. 750 crore to each DISCOM) of Transitional Financing Loan has been disbursed by REC. REC has also been sanctioning loan assistance to State Power Utilities of Rajasthan in accordance with its commercial policy for projects posed to it.

Likewise, Government of Rajasthan has not sought any loan from Power Finance Corporation for Transmission, generation and distribution companies. However, PFC has been providing financial assistance to State Power Utilities of Rajasthan in accordance with its commercial policy.

(c) & (d) : No guidelines have been issued by the Union Government for Rajasthan in this regard. PFC and REC provide financial assistance to State Power Utilities as per their policy.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2090
ANSWERED ON 22.08.2013

CAPACITY ADDITION OF POWER

†2090. SHRI MANOHAR TIRKEY:
SHRI NRIPENDRA NATH ROY:

Will the Minister of POWER
be pleased to state:

(a) the total thermal power generation capacity added during the 11th Five Year Plan and the target fixed for the 12th Five Year Plan;

(b) whether a number of thermal power projects scheduled to be commissioned during the 11th Five Year Plan could not be implemented in time;

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

(d) the action taken by the Government for timely completion of these projects to achieve power generation target fixed for the 12th Five Year Plan?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Total thermal power generation capacity added during the 11th Five Year Plan was 48,540 MW and the target fixed for the 12th Five Year Plan is 72,340 MW.

(b) & (c) : Thermal power projects with a total capacity of 20,832 MW, which were included in the original capacity addition target during the 11th Five Year Plan, could not be commissioned during the 11th Plan period. Details of these projects are given at Annex.

The major reasons for slippage of these power projects from the original capacity addition target, include inter-alia, delay in placement of orders for main plant, slow progress of civil works, contractual dispute between project developer and contractor and their sub-vendors/sub-contract, environmental concern and law and order problems/local issues, etc.

(d) : As regards steps for timely completion of these projects, these include inter-alia:

(i) Rigorous monitoring of capacity addition of ongoing generation projects at the highest level by the Hon'ble Minister of State for Power (Independent Charge), Planning Commission, Cabinet Secretariat, Secretary (Power) and Chairperson of Central Electricity Authority.

(ii) Periodic joint review of issues related to supply of power equipment from BHEL by a Group under the Chairmanship of Secretary (Heavy Industry) and Secretary (Power).

(iii) Formation of several new joint ventures to manufacture super-critical boilers and turbine-generators for thermal power plants.

(iv) Introduction of web-based monitoring system.

(v) Sensitization of stake-holders to enlarge the vendor base to meet Balance of Plants requirements.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 2090 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Details of thermal power projects scheduled for commissioning during 11th Plan and which could not be implemented in time

State	Project Name	Unit No	Cap. (MW)
Central Sector			
Assam	Bongaigaon TPP	U-1	250
Assam	Bongaigaon TPP	U-2	250
Assam	Bongaigaon TPP	U-3	250
Bihar	Barh STPP- I	U-1	660
Bihar	Barh STPP- I	U-2	660
Bihar	Barh STPP- I	U-3	660
Bihar	Barh STPP-II	U-4	660
Bihar	Nabi Nagar TPP	U-1	250
Bihar	Nabi Nagar TPP	U-2	250
Bihar	Nabi Nagar TPP	U-3	250
Chhattisgarh	Sipat-I	U-3	660
Haryana	Indira Gandhi TPP	U-3	500
Jharkhand	Koderma TPP	U-2	500
Jharkhand	BokaroTPS "A"Exp.	U-1	500
Maharashtra	Mouda TPP	U-2	500
Maharashtra	Mouda TPP	U-1	500
TN	Neyveli TPS-II Exp.	U-2	250
TN	Vallur TPP Ph I	U-2	500
TN	Tuticorin TPP	U-1	500
TN	Tuticorin TPP	U-2	500
Tripura	Tripura CCGT	Module-1 (363.3)	375
Tripura	Tripura CCGT	Module-II (363.3)	375
WB	Raghunathpur TPP, Ph-I	U-1	600
WB	Raghunathpur TPP, Ph-I	U-2	600
			11000
State Sector			
AP	Kakatiya TPP Extn	U-2 (600)*	500
Chhattisgarh	Korba West St-III.	U-5	500
Chhattisgarh	Marwa TPP	U-1	500
Chhattisgarh	Marwa TPP	U-2	500

Delhi	Pragati CCGT - III	GT-3	250
Delhi	Pragati CCGT - III	GT-4	250
Delhi	Pragati CCGT - III	ST-2	250
Gujarat	Pipavav CCPP	Block-1	351
Gujarat	Pipavav CCPP	Block-2	351
Gujarat	Ukai TPS Extn.	U-6	490
Gujarat	Sikka TPS Extn.	U-3	250
Gujarat	Sikka TPS Extn.	U-4	250
MP	Malwa TPP (Shree Singati TPP)	U-1 (600)*	500
		U-2 (600)*	500
MP	Satpura TPS Extn	U-11	250
MP	Satpura TPS Extn	U-10	250
Rajasthan	Kalisindh TPS	U-1 (600)*	500
TN	Mettur TPP Ext	U-1 (600)*	500
TN	North Chennai TPS St-II, U-1	U-1	600
UP	Harduaganj Ext	U-9	250
UP	Parichha Extn	U-5	250
UP	Parichha Extn	U-6	250
UP	Anpara-D	U-7	500
UP	Anpara-D	U- 6	500
			9292
Private Sector			
Rajasthan	Jallipa-Kapurdi TPP	U-5	135
Rajasthan	Jallipa-Kapurdi TPP	U-6	135
Rajasthan	Jallipa-Kapurdi TPP	U-7	135
Rajasthan	Jallipa-Kapurdi TPP	U-8	135
			540
		Total	20832

*This is present capacity (which has been revised subsequently).

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2094
ANSWERED ON 22.08.2013

POWER PROJECTS IN PRIVATE SECTOR

2094. SHRI JAYARAM PANGI:

Will the Minister of POWER
be pleased to state:

(a) whether the power projects set up in the private sector are required approval from the Government;

(b) if so, the details thereof; and

(c) the details of such power projects granted approval during the last three years and the current year and pending with the Government at present, State/UTwise?

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 Section 7 of the Electricity Act, 2003, any generating company may establish, operate and maintain a thermal power generating station without obtaining a license if it complies with the technical standards relating to connectivity with the grid.

However, as approved under section 8(1) of the Electricity Act, 2003, any generating company intending to set up a hydro generating station shall prepare and submit to the Central Electricity Authority (CEA) for its concurrence, a scheme estimated to involve a capital expenditure exceeding such sum, as may be fixed by the Central Government, from time to time, by notification.

(c) : Detailed Project Reports (DPRs) of 13 hydro-electric projects with an aggregate installed capacity of 8256 MW have been concurred by CEA during last three years and the current year up to 16.8.2013. Details are given at Annex-I. Further, the DPRs of 12 hydro-electric projects with an aggregate installed capacity of 5125 MW are being examined in CEA/ Central Water Commission (CWC)/ Geological Survey of India (GSI). Details are given at Annex-II.

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ANNEX-I

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2094 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Details of Hydro Electric Schemes Concurred/ Appraised by CEA in Private Sector since 2010-2011

Sl. No.	Scheme	State	Developer	Installed Capacity		CEA Concurrence
				UnitsxMW	MW	
1	Kutehr	Himachal Pradesh	SWEPL	3x80	240	31.8.10
2	Nafra	Arunachal Pradesh	SNEL	2x60	120	11.02.11
3	Panan	Sikkim	HHEPL	4x75	300	07.03.11
4	Nyamjang Chhu	Arunachal Pradesh	BEL	6x130	780	24.03.11
5	Bajoli Holi	Himachal Pradesh	GMR	3x60	180	30.12.11
6	Tato-II	Arunachal Pradesh	THPPL	4x175	700	22.05.12
7	Ratle HEP	Jammu & Kashmir	GVKRHPPL	4x205+ 1x30	850	19.12.2012
8	Gongri	Arunachal Pradesh	DEPL	2x72	144	4.02.2013
9	Miyar HEP	Himachal Pradesh	MHPCL	3x40	120	7.02.2013
10	Hirong	Arunachal Pradesh	JAPL	4x125	500	10.4.2013
11	Etalin	Arunachal Pradesh	EHEPCL	10x307+1x 19.6+1x7.4	3097	12.7.2013
12	Talong Londa	Arunachal Pradesh	M/s. GMR Energy Ltd.	3x75	225	16.8.2013
13	Naying	Arunachal Pradesh	M/s DSCNPPL	4x250	1000	31.7.2013
	Total				8256	

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ANNEX-II

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2094 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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DPR OF HE PROJECTS IN PRIVATE SECTOR BEING EXAMINED IN CEA/CWC/GSI

Sl. No.	Scheme	State	Developer	Installed Capacity	
				UnitsxMW	MW
1	Seli	Himachal Pradesh	M/s Seli Hydro Electric Power Company Ltd.	4x100	400
2	Chhatru	Himachal Pradesh	M/s DCM Shriram Infrastruture Ltd.	3x42	126
3	Sach Khas	Himachal Pradesh	M/s L&T Himacal Hydro Power Ltd	3x86.67+1x7	267
4	Siyom	Arunachal Pradesh	M/s. Siyom Hydro Power Pvt. Ltd.	6x166.67	1000
5	Kalai-II	Arunachal Pradesh	M/s Kalai Power Pvt. Ltd.	6x190+1x 60	1200
6	Demwe Upper	Arunachal Pradesh	M/s Lohit Urja Pvt. Ltd.	5x206+1x 50	1080
7	Tagurshit	Arunachal Pradesh	M/s L&T Ar.Pr. Hydro Power Ltd	3x24.67	74
8	Dikhu	Nagaland	M/s Manu Energy System Pvt. Ltd.	3x62	186
9	Nyukcharong Chhu	Arunachal Pradesh	M/s SNCPCL	3x32	96
10	Kynshi-I	Meghalaya	M/s AKPPL	2x135	270
11	Tato-I	Arunachal Pradesh	M/s SHPPL	3x62	186
12	Heo	Arunachal Pradesh	M/s HHPPL	3x80	240
	Total				5125

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2100
ANSWERED ON 22.08.2013

SOURCES OF POWER GENERATION

2100. SHRI AVTAR SINGH BHADANA:

Will the Minister of POWER
be pleased to state:

(a) the details of the sources from which power is generated in the country along with the total installed capacity of each source of power and the weighted average tariff from all sources;

(b) the details of the gas based power plants, their installed capacity in Mega Watts and as a percentage of the total production of power in the country;

(c) the weighted average selling price of power from the gas based power plants; and

(d) the lowest and highest power tariff recorded so far?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : The details of conventional sources from which power is generated in the country along with the total installed capacity as on 31st July, 2013 and weighted average rate of sale of power from generating station to Power Utilities in 2011-12 of each source of power is given below :

Source	Installed generation capacity in MW (as on 31.07.2013)	Weighted average rate of sale of power from generating station to Power Utilities in 2011-12 (Rs./ kWh)
(1) Thermal		
(i) Coal	1,32,288.39	3.04
(ii) Gas	20,359.85	3.76
(iii) Diesel	1,199.75	8.98
TOTAL (Thermal)	1,53,847.99	3.13
(2) Nuclear	4,780.00	2.53
(3) Hydro	39,623.40	2.34
GRAND TOTAL	1,98,251.39	2.97

(b) : Details of the gas based power plants with installed capacity are enclosed as Annex. The total gross generation in the country and generation from gas based power stations and its percentage of total gross generation in the country is given below :

Year	Gross generation (BU)	Generation from gas based power stations (BU)	Gas based generation % of total gross generation
2012-13	912	66.83	7.33
2013-14(April-July,2013)*	319	16.28	5.10

*Provisional

(c) & (d) : Weighted average selling price of power from the gas based power plants in 2011-12 is Rs.3.76 per kWh. The lowest selling price of power from the gas based power plants operating on gas and Regassified Liquid Natural Gas (R-LNG) is Rs.1.92 per kWh for Namrup Combined Cycle Power Plant and the highest is Rs.4.88 per kWh for IP CCPP (Indraprastha Combined Cycle Power Plant).

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ANNEX

ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 2100 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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DETAILS OF GAS BASED POWER PLANTS WITH INSTALLED CAPACITY		
Sl. No.	STATION	Installed Capacity (MW)
1	MAITHON GT (Liq.)	90
2	AGARTALA GT	84
3	KATHALGURI CCPP	291
4	ANTA CCPP	419.33
5	AURAIYA CCPP	663.36
6	DADRI CCPP	829.78
7	FARIDABAD CCPP	431.59
8	GANDHAR CCPP	657.39
9	KAWAS CCPP	656.2
10	R. GANDHI CCPP (Liq.)	359.58
11	TRIPURA CCPP	363
12	RATNAGIRI CCPP I	740
13	RATNAGIRI CCPP II	740
14	RATNAGIRI CCPP III	740
15	LAKWA GT	157.2
16	NAMRUP CCPP	95
17	NAMRUP ST	24
18	DHUVARAN CCPP	218.62
19	PIPAVAV CCPP	0
20	UTRAN CCPP	518
21	HAZIRA CCPP	156.1
22	HAZIRA CCPP EXT	351
23	I.P.CCPP	270
24	PRAGATI CCGT-III	1000
25	PRAGATI CCPP	330.4
26	PAMPORE GPS (Liq.)	175
27	URAN CCPP	672
28	KARAIKAL CCPP	32.5
29	DHOLPUR CCPP	330
30	RAMGARH CCPP	223.8
31	BASIN BRIDGE GT (Liq.)	120
32	KOVIKALPAL CCPP	107
33	KUTTALAM CCPP	100
34	VALUTHUR CCPP	186.2
35	BARAMURA GT	58.5
36	ROKHIA GT	90
37	HALDIA GT (Liq.)	40
38	KASBA GT (Liq.)	40
39	KARUPPUR CCPP	119.8
40	VIJESWARAN CCPP	272
41	COCHIN CCPP (Liq.)	174
42	PEDDAPURAM CCPP	220
43	ESSAR CCPP	515

44	GAUTAMI CCPP	464
45	BARODA CCPP	160
46	GMR Energy Ltd - Kakinada	220
47	PEGUTHAN CCPP	655
48	JEGURUPADU CCPP	455.4
49	KONASEEMA CCPP	445
50	KONDAPALLI EXTN CCPP .	366
51	KONDAPALLI CCPP	350
52	RITHALA CCPP	108
53	VALANTARVY CCPP	52.8
54	P.NALLUR CCPP	330.5
55	GOA CCPP (Liq.)	48
56	GODAVARI CCPP	208
57	TROMBAY CCPP	180
58	SUGEN CCPP	1147.5
59	UNOSUGEN CCPP	382.5
60	VATWA CCPP	100
61	VEMAGIRI CCPP	370
62	Gas Based Capacity less than 25 MW	655.8
	TOTAL	20,359.85

Note: Gas based power plants below 25 MW capacity are not monitored by CEA.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2105
ANSWERED ON 22.08.2013

IMPLEMENTATION OF RGGVY

2105. SHRI RAJEN GOHAIN:

Will the Minister of POWER
be pleased to state:

(a) whether complaints have been received regarding corruption in implementation of Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) in North Cachar area of Assam;

(b) if so, the details thereof;

(c) whether the Government has conducted any enquiry in this regard;

(d) if so, the details and the outcome thereof along with the punitive measures taken/being taken against the officials as well as the contractors found guilty; and

(e) the reasons for delay in forming Monitoring and Vigilance Committees in the area for implementation of the Scheme?

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 complaints regarding corruption in implementation of Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) in North Cachar area of Assam, have been received.

(e) : Ministry of Rural Development has expanded the scope of District Level Vigilance and Monitoring Committee for “Review of RGGVY” as a regular agenda item in the District Level Vigilance and Monitoring Committee Meetings on 6th December, 2012.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2106
ANSWERED ON 22.08.2013

POWER PROJECTS IN KARNATAKA

2106. SHRI NALIN KUMAR KATEEL:

Will the Minister of POWER
be pleased to state:

(a) whether the Government of Karnataka has submitted proposals seeking approval of the Union Government to set up power projects in the State;

(b) if so, the details thereof;

(c) the details of such proposals pending with the Union Government at present; and

(d) the time by which the pending proposals are likely to be approved?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (d) : After the enactment of Electricity Act, 2003, Techno-Economic clearance of Central Electricity Authority (CEA) is not required for setting up of Thermal Power Projects. As regards the hydro power projects, a Detailed Project Report (DPR) of Shivasamudram Run of River Power Project (3x100+3x15=345 MW) was received in the CEA in April, 2012 from Karnataka Power Corporation Ltd. (KPCL) for concurrence and the same was not accepted for detailed examination and returned to State Government on 16.05.2012 due to discrepancies. The DPR of Gundia Hydro Electric Project (1x200=200 MW) in Karnataka was received in CEA in March, 2008 from Karnataka Power Corporation Ltd. (KPCL) for concurrence and the same was accorded concurrence by CEA on 25.04.2008.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2120
ANSWERED ON 22.08.2013

VILLAGE ELECTRIFICATION

2120. SHRI ABHIJIT MUKHERJEE:

Will the Minister of POWER
be pleased to state:

(a) whether the Union Government has a plan to formulate special programmes for electrification of villages in the backward regions in the country;

(b) if so, the details thereof and if not, the reasons therefor; and

(c) the time by which electrification of all the villages in the country is likely to 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) : Government of India launched 'Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) – Programme for creation of Rural Electricity Infrastructure & Household Electrification, in April 2005 for providing access to electricity to rural households and to provide free electricity connections to Below Poverty Line (BPL) households in the country. Under the scheme, 648 projects have been sanctioned covering electrification of 1,12,972 un/de-electrified villages (UEV), intensive electrification of 3,82,859 partially electrified villages (PEV) and release of free electricity connections to 2.77 crore BPL households in the country including backward regions. Cumulatively, as on 31.07.2013, the electrification works in 1,07,497 UE/DE villages and 2,99,690 PE villages have been completed and free electricity connections to 2.11 crore BPL households have been released in the country including backward regions.

(c) : The electrification of the remaining villages / habitations having population more than 100 is to be taken up for consideration as per the approved guidelines for 12th Plan RGGVY.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2124
ANSWERED ON 22.08.2013

RGGVY IN CHHATTISGARH

2124. SHRI DILIP SINGH JU DEV:

Will the Minister of POWER
be pleased to state:

(a) whether the Government is aware that the progress of rural electrification in Chhattisgarh is unsatisfactory in comparison to other major States particularly in tribal and the remote areas of the State;

(b) if so, the reasons therefor;

(c) the details of the progress made under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) in the State, area-wise till June, 2013;

(d) whether the scheme has been effective in tackling the problem of rural electrification in the State; 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) : Under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY), 18 projects (3 projects during X Plan, 13 projects during XI Plan and 2 projects during Phase-II of RGGVY) were sanctioned in Chhattisgarh covering electrification of 1,736 un/de-electrified villages (UEV), intensive electrification of 16,098 partially electrified villages (PEV) and release of free electricity connections to 12,20,281 Below Poverty Line (BPL) households. Cumulatively, as on 31.07.2013, the electrification works in 1,114 UE villages and 12,848 PE villages have been completed and free electricity connections to 9,98,256 BPL households have been released under RGGVY. The progress of rural electrification works in Chhattisgarh is generally satisfactory. However, the progress in some districts of Chhattisgarh is comparatively slow due to law and order problem including Maoist Violence.

(c) : The details of progress under RGGVY in Chhattisgarh, project-wise/ district-wise, as on 30.06.2013, is at Annex.

(d) & (e) : RGGVY has been effective in tackling the problem of rural electrification in Chhattisgarh.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2124 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Project-wise coverage & achievement of un-electrified / partially electrified villages and release of free electricity connections to BPL household under RGGVY in Chhattisgarh.

As on 30.06.2013

Sl. No	Name of District	Un-electrified villages		Partially electrified villages		BPL	
		Coverage	Achievement	Coverage	Achievement	Coverage	Achievement
X Plan							
1	Champa Jajgir	0	0	888	888	52526	52526
2	Durg	8	8	1552	1552	46765	46765
3	Kawardha	48	48	652	652	37832	37832
	Total	56	56	3092	3092	137123	137123
XI Plan							
1	Dhamtari	0	0	577	577	11264	11264
2	Durg(suppl)	0	0	204	80	2814	628
3	Kanker	4	4	961	848	22216	19476
4	Kawardha(suppl)	31	12	190	92	5201	1150
5	Mahasamund	0		1106	1106	11834	11834
6	Raipur	15	15	2000	1997	80427	73500
7	Rajnandgoan	0		1551	1523	13887	13000
8	Bilaspur	0	0	1541	1452	117054	117054
9	Korba	15	15	607	607	38658	38658
10	Raigarh	22	22	1403	775	56286	42112
11	Baster	703	244	575	169	126215	34519
12	Dantewada(*)	144	133	152	153	36240	31334
13	Sarguja(*)	620	592	1062	316	108050	88111
	BPL Households released under Kutir Jyoti / BPL scheme	0	0	0	0	368678	368678
	Total	1554	1037	11929	9695	998824	851318
XI Plan (Phase-II)							
1	Koriya	82	14	441	11	23571	874
2	Jashpur-Nagar	44		636	15	60763	7337
	Total	126	14	1077	26	84334	8211
Grand Total		1736	1107	16098	12813	1220281	996652

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2127
ANSWERED ON 22.08.2013

OVERDRAWAL FROM GRIDS

2127. DR. P. VENUGOPAL:

Will the Minister of POWER
be pleased to state:

(a) whether many States are ignoring the warnings from the Northern Regional Load Despatch Centre and the Central Electricity Regulatory Commission (CERC) to maintain grid discipline and stop overdrawal;

(b) if so, the details thereof;

(c) whether the CERC has issued show cause notice to various States for overdrawal of power from the power grid and if so, the details thereof;

(d) whether the Government has asked the stake holders to carry out independent third party audit of the protection system and adhere to grid discipline; 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) : Despite warnings from Northern Regional Load Despatch Centre (NRLDC) to stop overdrawal of power and maintain grid discipline, many states tend to overdraw from the grid. NRLDC had brought the overdrawal from the grid and non-compliance of its directions by the constituents of Northern Region for the period from 1.1.2012 to 16.7.2012 to the notice of the Central Electricity Regulatory Commission (CERC). Subsequently, NRLDC has not brought any violation/non-compliance to the notice of the CERC.

.....2.

(c) : Central Electricity Regulatory Commission (CERC) had issued show cause notices to the State Transmission Utilities (STUs) and the State Load Despatch Centers (SLDCs) in the States of Uttar Pradesh, Uttarakhand, Rajasthan, Haryana, Punjab and Jammu & Kashmir.

(d) & (e) : The Enquiry Committee set up after the major grid disturbance of 30th and 31st July, 2012, recommended inter-alia for Third Party Protection Audit (TPA) in all substations.

Accordingly, TPA was taken up by CEA through the respective Regional Power Committees (RPCs) with the stakeholders across the country. All States in each region have completed the third party protection audit and further rectification activity, based on the observation of the TPA, has also been initiated by all states.

CERC has already made provisions in the Indian Electricity Grid Code (IEGC) to discourage grid indiscipline. Non-compliance of grid discipline by the stakeholders is closely monitored by the RLDCs and also in the respective Regional Power Committees (RPCs).

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2135
ANSWERED ON 22.08.2013

POWER GENERATION IN TAMIL NADU

†2135. SHRI E.G. SUGAVANAM:

Will the Minister of POWER
be pleased to state:

(a) the present status of power generation in Tamil Nadu;

(b) whether the Union Government proposes to assist the State to augment its power generation capacity;

(c) if so, the details thereof;

(d) whether some regions in the State have poor potential for power generation and are facing power shut down for hours together daily; and

(e) if so, the details thereof along with the remedial measures being taken by the Union Government to address the power crisis in the State?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : The power generation of power stations located in Tamil Nadu during 2013-14 (April to July, 2013) is given at Annex.

(b) & (c) : A total of 7,270 MW capacity addition is planned in the Central Sector, State Sector and Private Sector in the State of Tamil Nadu in the 12th Plan. Of this, 4,750 MW is from the Central Sector. Tamil Nadu will get assistance of 5,041 MW from the Central Sector generating stations in the 12th Plan from stations being set up in Tamil Nadu and other States.

(d) & (e) : Electricity is a concurrent subject in the Constitution. Procurement, supply and distribution of electricity in all the regions of the State is the responsibility of the respective State Government which makes arrangements for supply of power to various categories of consumers in the State. Government of India supplements the efforts of the State Governments by establishing power plants in Central Sector through Central Public Sector Undertakings (CPSUs). As on 31st

July, 2013, the assistance from Central Generating Stations to Tamil Nadu was 3,747 MW.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2135 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Present status of power generation in Tamil Nadu during 2013-14 (April to July)

SECTOR	NAME OF THE STATION	Monitored Capacity as on 31.07.2013 (MW)	Target (MU)	Actual Generation* (MU)
CENTRAL	MADRAS A.P.S.	440	1012	494.32
	NEYVELI (EXT) TPS	420	1095	1223.2
	NEYVELI TPS- I	600	1295	1416.89
	NEYVELI TPS-II	1470	3427	3958.41
	NEYVELI TPS-II EXP	250	56	0
	VALLUR TPP	1000	776	905.27
CENTRAL Total		4180	7661	7998.09
STATE	ALIYAR HPS.	60	40	51.08
	BASIN BRIDGE GT (Liq.)	120	0	0.19
	BHAWANI BARRAGE III HPS	15	6	0
	BHAWANI BARRAGE-II HPS	0	11	0
	BHAWANI KATTAL	30	11	15.5
	ENNORE TPS	450	277	394.49
	KADAMPARI HPS.	400	108	133.76
	KODAYAR HPS.	100	59	49.4
	KOVIKALPAL CCPP	107	167	192.55
	KUNDAH HPS.	555	458	390.77
	KUTTALAM CCPP	100	0	185.78
	LOWER METTUR HPS.	120	57	5.51
	METTUR DAM HPS.	50	21	3.7
	METTUR TPS	1440	1964	2712.24
	METTUR TUNNEL HPS.	200	53	23.54
	MOYAR HPS	36	45	38.61
	NORTH CHENNAI TPS	1230	1640	1740.52
	PAPANASAM HPS.	32	34	38.43
	PARSON`S VALLEY HPS.	30	11	5.82
	PERIYAR HPS.	140	84	116.29
	PYKARA HPS.	59.2	20	22.72
	PYKARA ULTMATE HPS.	150	120	97.18
	SARKARPATHY HPS.	30	15	0
	SHOLAYAR HPS(TN).	95	79	48.19
	SURULIYAR HPS.	35	12	16.36
	TUTICORIN TPS	1050	2496	2859.59
	VALUTHUR CCPP	186.2	160	306.22
STATE Total		6820.4	7948	9448.44
Private	B. BRIDGE D.G	200	236	268.73
	KARUPPUR CCPP	119.8	160	206.69
	NEYVELI TPS(Z)	250	648	700.95
	P.NALLUR CCPP	330.5	330	302.04
	SAMALPATTI DG	105.7	120	88.78
	SAMAYANALLUR DG	106	130	110.57
	TUTICORIN (P) TPP	150	0	0
	VALANTARVY CCPP	52.8	84	113
PVT Total		1314.8	1708	1790.76
TAMIL NADU Total		12315.2	17317	19237.29

* PROVISIONAL BASED ON ACTUAL-CUM-ASSESMENT

NOTE :-

1. CEA monitors generation from conventional sources (Thermal, Hydro and Nuclear) only.
2. Generation from stations up to 25 MW are not being monitored since 01.04.10

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2155
ANSWERED ON 22.08.2013

POWER GENERATION IN BIHAR

†2155. SHRI SYED SHAHNAWAZ HUSSAIN:

Will the Minister of POWER
be pleased to state:

(a) the details of the schemes formulated for increasing power generation capacity in Bihar during the 12th Five Year Plan period;

(b) whether proposals for development of power projects in Bihar are pending for approval with the Union Government;

(c) if so, the details thereof and the reasons therefor; and

(d) the time by which these proposals are likely to be approved by the Union Government?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : 4,690 MW of power projects are identified in the Central Sector including joint venture between Bihar State Electricity Board (BSEB) and National Thermal Power Corporation (NTPC) in the State of Bihar, during the 12th Five Year Plan Period. Further, Renovation & Modernization (R&M) works of Muzaffarpur TPS U 1 & 2 (2x110 MW) a joint venture of BSEB and NTPC and Barauni TPS Unit 6 & 7 (2x110 MW) a project of BSEB, have been taken up under the assistance scheme of Rashtriya Sam Vikas Yojana (RSVY) now Backward Region Grant fund (BRGF) of Planning Commission. Unit 1 of Muzaffarpur TPS has been synchronized on 05.07.2013 after completion of Renovation & Modernization works.

(b) to (d) : With the enactment of the Electricity Act, 2003, the techno-economic clearance by Central Electricity Authority (CEA) is not required for thermal power projects. As regards hydro projects, Detailed Project Report (DPR) of one hydro scheme namely, Dagmara Hydro Electric Project (17x7.65=130 MW) was received in CEA from M/s. Bihar State Hydroelectric Power Corporation Ltd. (BHPC) a State Government enterprise, for concurrence. The project was considered by CEA in the

meeting held on 20.03.2013 and returned to BHPC with the request to provide further technical details.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2156
ANSWERED ON 22.08.2013

SOUND PROOF GENERATORS

2156. SHRI HAMDULLAH SAYEED:

Will the Minister of POWER
be pleased to state:

(a) whether sound proof generators have been installed in all the islands of Lakshadweep;

(b) if so, whether these generators are working effectively; and

(c) if not, the corrective 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) : Yes, Madam. As per information available with Central Electricity Authority (CEA), Sound proof generators have been installed in all the islands of Lakshadweep.

(b) : All generators are working effectively except at Andrott Island where one DG set is out of order within the warranty period and the same has been returned to the supplier.

(c) : UT Administration of Lakshadweep has decided to form a Committee consisting of CEA & NTPC officials and a member from Lakshadweep Electricity Department to take a suitable decision on the failed DG set under warranty period.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2178
ANSWERED ON 22.08.2013

THERMAL POWER PROJECT IN MP

†2178. SHRI MAKAN SINGH SOLANKI:

Will the Minister of POWER
be pleased to state:

(a) whether the National Thermal Power Corporation Limited (NTPC) proposes to set up a thermal power project in Khargone area of Madhya Pradesh (MP);

(b) if so, the details thereof along with the time by which work is likely to commence on this project;

(c) the estimated cost of this project and the expected quantum of power generation therefrom;

(d) whether agricultural land is likely to be acquired for this project; and

(e) if so, the details thereof and the rehabilitation scheme for the farmers whose land is acquired for the purpose?

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) : NTPC has proposed to set up a 1320 MW (2x660 MW) project. Commencement of the work on the project is linked to investment approval, which is pending due to non-availability of coal linkage from Ministry of Coal. Coal linkage has been applied for on 07.05.2010.

(c) : The estimated capital cost for the project is Rs.9179 Crore as of 1st Quarter at 2011 price level as per Feasibility Report. The generation capacity for this coal based power project shall be 1320 MW.

(d) & (e) : 783.77 acres of private land has been acquired which includes agricultural land.

Rehabilitation and Resettlement (R&R) Scheme formulated in consultation with the stakeholders including affected persons and the District Administration has been duly approved by the Government of MP in September 2012. The amount demanded by district administration for compensation and R&R package have been deposited by NTPC with the District Administration for further disbursement to the affected persons and the disbursement is in progress.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2187
ANSWERED ON 22.08.2013

CAPACITY OF POWER GENERATION

2187. SHRIMATI SUPRIYA SULE:

Will the Minister of POWER
be pleased to state:

(a) whether the various power generation units in the country are not generating power upto their full capacity;

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

(c) the remedial measures taken/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) : The details of thermal power generating units having Plant Load Factor (PLF) below National average PLF of 69.93% (during 2012-13) is given at *Annex.-I*. The list of hydro power stations which are not generating as per full capacity is at *Annex.-II*. The main reasons for low PLF of thermal stations and less generation in hydro stations include inter-alia old technology units, forced outages, planned maintenances, shortage of coal and supply of coal including poor coal quality, reduced requisition by the States due to financial and weather based demand, commercial constraints, Renovation & Modernisation of thermal & hydro power plants, problem of excessive silt due to heavy rains, etc.

(c) : The remedial measures taken by the Government are :

1. Pursuing with Coal India Limited for adequate quantity and quality of coal including for third party sampling of coal quality.

2. Pursuing with the States for scheduled procurement of power.

3. Pursuing with power stations for lesser forced outage.

4. Expediting renovation, modernization and life extension of old and inefficient generation units.

5. To meet the shortfall in coal supplies to thermal power stations from indigenous sources, the power utilities have been advised to import coal.

6. Regular reviews are held at various levels including Ministry of Power, Ministry of Heavy Industries, Ministry of Coal, Planning Commission and Cabinet Secretariat to identify the constraint areas and facilitate faster resolution of inter-ministerial and other outstanding issues. For the State Sector generating units review is also held at various levels of the respective State Utilities.

7. De-silting of hydro stations caused by heavy rains.

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ANNEX-I

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2187 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Thermal units (coal/lignite which are generating power below national average PLF(69.93% -2012-13)

STN_NM	UNIT No.	CAPACITY MW	PLF (April- July, 2013) * %
GND TPS(BHATINDA)	4	110	0
ROPAR TPS	2	210	52.99
SURATGARH TPS	3	250	48.02
SURATGARH TPS	4	250	68.7
SURATGARH TPS	5	250	66.05
GIRAL TPS	1	125	21.78
GIRAL TPS	2	125	34.01
JALIPA KAPURDI TPP	1	135	53.64
JALIPA KAPURDI TPP	2	135	59.36
JALIPA KAPURDI TPP	3	135	56.34
JALIPA KAPURDI TPP	4	135	50.69
JALIPA KAPURDI TPP	7	135	68.37
KAWAI TPS	1	660	35.36
BARSINGSAR LIGNITE	1	125	50.77
BARSINGSAR LIGNITE	2	125	67.03
CHHABRA TPP	1	250	38.32
CHHABRA TPP	2	250	66.33
OBRA TPS	6	94	0
OBRA TPS	7	94	0
OBRA TPS	8	94	0
OBRA TPS	10	200	0
OBRA TPS	11	200	0
OBRA TPS	12	200	59.47
OBRA TPS	13	200	64.46
PANKI TPS	3	105	49.39
PANKI TPS	4	105	47.84
HARDUAGANJ TPS	3	55	0
HARDUAGANJ TPS	5	60	36.45
HARDUAGANJ TPS	7	105	0
HARDUAGANJ TPS	9	250	0
PARICHHA TPS	1	110	0.85
PARICHHA TPS	2	110	53.74
PARICHHA TPS	3	210	64.56
ANPARA TPS	1	210	18.91
ANPARA C TPS	1	600	59.85
ANPARA C TPS	2	600	56.76
RIHAND STPS	1	500	69.84
UNCHAHAR TPS	5	210	68.97
ROSA TPP Ph-I	2	300	54.77
KHAMBARKHERA TPS	1	45	68.08
KUNDARKI TPS	2	45	66.33
UKAI TPS	1	120	59.19
UKAI TPS	2	120	36.7
UKAI TPS	3	200	62.73
UKAI TPS	4	200	58.5
UKAI TPS	5	210	67.82

UKAI TPS	6	500	0
GANDHI NAGAR TPS	1	120	6.25
GANDHI NAGAR TPS	2	120	5.25
GANDHI NAGAR TPS	3	210	26.01
GANDHI NAGAR TPS	4	210	37.99
WANAKBORI TPS	1	210	54.32
WANAKBORI TPS	2	210	50.25
WANAKBORI TPS	3	210	44.1
WANAKBORI TPS	4	210	35.23
WANAKBORI TPS	5	210	12.13
WANAKBORI TPS	6	210	33.4
SIKKA REP. TPS	1	120	10.48
SIKKA REP. TPS	2	120	33.25
KUTCH LIG. TPS	2	70	58.79
KUTCH LIG. TPS	4	75	69.82
AKRIMOTA LIG TPS	1	125	12.93
AKRIMOTA LIG TPS	2	125	31.44
SALAYA TPP	1	600	49.76
SALAYA TPP	2	600	67.28
SABARMATI (D-F STATIONS)	2	110	61.45
SABARMATI (D-F STATIONS)	3	110	58.04
SURAT LIG. TPS	1	125	60.87
SURAT LIG. TPS	2	125	53.99
SURAT LIG. TPS	3	125	69.15
SURAT LIG. TPS	4	125	66.16
MUNDRA TPS	1	330	67.1
MUNDRA TPS	2	330	57.75
MUNDRA TPS	4	330	64.83
MUNDRA TPS	5	660	68.3
MUNDRA TPS	6	660	60.19
MUNDRA UMTPP	2	800	67.08
MUNDRA UMTPP	3	800	55.78
MUNDRA UMTPP	4	800	66.59
MUNDRA UMTPP	5	800	69.57
SATPURA TPS	1	62.5	58.81
SATPURA TPS	2	62.5	44.71
SATPURA TPS	4	62.5	43.04
SATPURA TPS	5	62.5	0
SATPURA TPS	6	200	41.03
SATPURA TPS	7	210	61.18
SATPURA TPS	8	210	41.01
SATPURA TPS	9	210	45.39
SATPURA TPS	10	250	0
KORBA-II	1	50	56.56
KORBA-II	2	50	63.87
KORBA-II	3	50	39.52
KORBA-II	4	50	66.72
KORBA-III	1	120	62.75
KORBA-III	2	120	46.67
DSPM TPS	1	250	0
KORBA-WEST TPS	5	500	0
AMAR KANTAK	1	20	0
AMAR KANTAK	2	20	0
AMARKANTAK EXT TPS	1	120	46.45

AMARKANTAK EXT TPS	2	120	63.76
SANJAY GANDHI TPS	1	210	64.52
SANJAY GANDHI TPS	2	210	59.2
SANJAY GANDHI TPS	3	210	58.13
BINA TPS	1	250	29.39
BINA TPS	2	250	19
MAHAN TPP	1	600	1.93
SASAN UMTPP	3	660	0
KORBA STPS	4	500	64.31
SIPAT STPS	1	660	59.83
SIPAT STPS	4	500	63.59
VINDHYACHAL STPS	12	500	0
PATHADI TPP	2	300	0
RATIJA TPS	1	50	61.3
SVPL TPP	1	63	0
KATGHORA TPP	1	35	0
BHILAI TPS	2	250	69.48
NASIK TPS	1	125	0
NASIK TPS	2	125	0
NASIK TPS	4	210	58.73
MAUDA TPS	1	500	1.04
MAUDA TPS	2	500	0
KORADI TPS	1	105	0
KORADI TPS	2	105	0
KORADI TPS	3	105	0
KORADI TPS	4	105	0
KORADI TPS	5	200	31.64
KORADI TPS	6	210	53.33
KORADI TPS	7	210	53.21
KHAPARKHEDA TPS	1	210	56.14
KHAPARKHEDA TPS	2	210	60.74
KHAPARKHEDA TPS	3	210	68.81
KHAPARKHEDA TPS	4	210	58.83
KHAPARKHEDA TPS	5	500	60.05
PARAS TPS	2	55	0
BHUSAWAL TPS	1	50	0
BHUSAWAL TPS	2	210	54.04
BHUSAWAL TPS	3	210	64.13
BHUSAWAL TPS	4	500	49.2
BHUSAWAL TPS	5	500	0
PARLI TPS	1	20	0
PARLI TPS	2	20	0
PARLI TPS	3	210	0
PARLI TPS	4	210	0
PARLI TPS	5	210	0
PARLI TPS	6	250	1.35
PARLI TPS	7	250	6.52
CHANDRAPUR(MAHARAS	1	210	61.09
CHANDRAPUR(MAHARAS	2	210	62.05
CHANDRAPUR(MAHARAS	4	210	49.6
CHANDRAPUR(MAHARAS	5	500	55.18
CHANDRAPUR(MAHARAS	6	500	60.03
CHANDRAPUR(MAHARAS	7	500	53.78
TROMBAY TPS	4	150	0

TROMBAY TPS	6	500	33.72
WARDHA WARORA TPP	3	135	61.12
WARDHA WARORA TPP	4	135	48.66
MIHAN TPS	1	61.5	0
MIHAN TPS	2	61.5	0
MIHAN TPS	3	61.5	51.77
MIHAN TPS	4	61.5	36.44
TIRORA TPS	1	660	58.3
TIRORA TPS	2	660	21.18
TIRORA TPS	3	660	61.25
BELA TPS	1	270	0
EMCO WARORA TPS	1	300	52.54
AMARAVATI TPS	1	270	0
GEPL TPP Ph-I	1	60	55.74
GEPL TPP Ph-I	2	60	50.35
BUTIBORI TPP	1	300	0
KOTHAGUDEM TPS	1	60	67.41
KOTHAGUDEM TPS	4	60	65.68
KOTHAGUDEM TPS	8	120	49.2
Dr. N.TATA RAO TPS	1	210	69.11
KAKATIYA TPS	1	500	61.88
THAMMINAPATNAM TPS	1	150	49.67
THAMMINAPATNAM TPS	2	150	40.23
RAMAGUNDEM STPS	4	500	65.42
RAICHUR TPS	1	210	48.09
RAICHUR TPS	2	210	65.69
RAICHUR TPS	7	210	57.22
RAICHUR TPS	8	250	36.58
BELLARY TPS	2	500	55.22
UDUPI TPP	2	600	66.29
ENNORE TPS	1	60	42.84
ENNORE TPS	2	60	41.19
ENNORE TPS	3	110	38.2
ENNORE TPS	4	110	38.44
ENNORE TPS	5	110	0
METTUR TPS	5	600	0
NORTH CHENNAI TPS	1	210	49.13
NORTH CHENNAI TPS	5	600	0
TUTICORIN (P) TPP	1	150	0
NEYVELI TPS- I	1	50	67.8
NEYVELI TPS- I	3	50	59.54
NEYVELI TPS-II EXP	1	250	0
VALLUR TPP	1	500	58.93
VALLUR TPP	2	500	0
PATRATU TPS	1	40	0
PATRATU TPS	2	40	0
PATRATU TPS	3	40	0
PATRATU TPS	5	90	0
PATRATU TPS	6	90	12.5
PATRATU TPS	7	105	0
PATRATU TPS	8	105	0
PATRATU TPS	9	110	0
PATRATU TPS	10	110	60.7
BARAUNI TPS	4	50	0

BARAUNI TPS	5	50	0
BARAUNI TPS	6	105	0
BARAUNI TPS	7	105	0
MUZAFFARPUR TPS	1	110	0
MUZAFFARPUR TPS	2	110	0
KAHALGAON TPS	1	210	61.62
KAHALGAON TPS	4	210	66.98
KAHALGAON TPS	5	500	63.21
KAHALGAON TPS	6	500	61.98
KAHALGAON TPS	7	500	54.72
TENUGHAT TPS	1	210	42.61
TENUGHAT TPS	2	210	61.95
MAHADEV PRASAD STPP	2	270	54.21
CHANDRAPURA(DVC) TPS	1	130	50.54
CHANDRAPURA(DVC) TPS	2	130	68.55
CHANDRAPURA(DVC) TPS	3	130	38.22
CHANDRAPURA(DVC) TPS	4	120	0
CHANDRAPURA(DVC) TPS	5	120	0
CHANDRAPURA(DVC) TPS	6	120	0
CHANDRAPURA(DVC) TPS	7	250	65.63
DURGAPUR TPS	3	130	69.86
BOKARO `B` TPS	1	210	48.14
BOKARO `B` TPS	2	210	27.82
BOKARO `B` TPS	3	210	60.11
MEJIA TPS	1	210	69.46
MEJIA TPS	6	250	64.85
MEJIA TPS	8	500	26.79
KODARMA TPP	1	500	0
KODARMA TPP	2	500	0
DURGAPUR STEEL TPS	1	500	54.41
DURGAPUR STEEL TPS	2	500	49.01
MAITHON RB TPP	1	525	62.89
IB VALLEY TPS	2	210	65.11
TALCHER STPS	3	500	64.19
TALCHER STPS	4	500	53.23
TALCHER STPS	5	500	64.65
STERLITE TPP	1	600	42.18
STERLITE TPP	2	600	52.08
STERLITE TPP	3	600	49.37
STERLITE TPP	4	600	58.94
KAMALANGA TPS	1	350	16.88
BANDEL TPS	1	60	44.81
BANDEL TPS	2	60	47.34
BANDEL TPS	3	60	35.83
BANDEL TPS	4	60	37.22
BANDEL TPS	5	210	51.92
SANTALDIH TPS	1	120	0
SANTALDIH TPS	2	120	0
SANTALDIH TPS	3	120	0
SANTALDIH TPS	4	120	0
SANTALDIH TPS	5	250	65.08
KOLAGHAT TPS	1	210	46.95
KOLAGHAT TPS	2	210	41.42
KOLAGHAT TPS	3	210	63.82

KOLAGHAT TPS	4	210	57.06
BAKRESWAR TPS	1	210	63.1
SAGARDIGHI TPS	2	300	28.81
D.P.L. TPS	1	30	0
D.P.L. TPS	2	30	0
D.P.L. TPS	3	70	34.99
D.P.L. TPS	4	75	17.2
D.P.L. TPS	5	75	25.58
D.P.L. TPS	6	110	45.24
D.P.L. TPS	7	300	46.44
NEW COSSIPORE TPS	1	30	6.42
NEW COSSIPORE TPS	2	30	5.46
NEW COSSIPORE TPS	3	50	11.26
NEW COSSIPORE TPS	4	50	21.47
CHINAKURI TPS	1	10	0
CHINAKURI TPS	2	10	0
CHINAKURI TPS	3	10	0
FARAKKA STPS	2	200	58.02
FARAKKA STPS	5	500	62.27
FARAKKA STPS	6	500	53.03

* PROVISIONAL BASED ON ACTUAL-CUM-ASSESMENT

Generation from stations up to 25 MW are not being monitored since 01.04.10

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ANNEX-II

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2187 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Hydro power projects which are not generating power as per their full generation capacity

Name of the projects	Reason for the Closure
Himachal Pradesh	
Bhakra (5*108 +1*126 + 5*157 MW)	• Unit No. II of 108 MW remained under shut down from 26.04.2010 to 19.07.2013 due to Renovation, Modernization & Uprating Works. • Unit No. V of 108 MW remained under shutdown since 05.03.2011 due to Renovation, Modernization & Uprating Works.
Jammu & Kashmir	
Chutak (4*11 MW)	• Unit No. III of 11 MW remained under shutdown since 01.05.2013 due to Vibration in TGB Housing.
Punjab	
Shanan (4*15+1*50 MW)	• Unit No. V of 50 MW remained under shutdown since 15.08.2011 due to Runner Repair/Replacement.
Ranjit Sagar (4*150 MW)	• Unit No. II of 150 MW remained under shutdown since 18.10.2012 due to Oil Leakage Problem.
Uttarakhand	
Khatima (3*13.80 MW)	• Unit No. I of 13.80 MW remained under shutdown since 31.07.2012 due to Main Excitation Problem.
Maneri Bhali I (3*30 MW)	• The plant remained under shutdown since 16.06.2013 due to High Silt and Flooding at Intake.
Maneri Bhali II (4*76 MW)	• The plant remained under shutdown since 16.06.2013 due to High Silt and Flooding at Intake.
Vishnu Prayag (4*100 MW)	• The plant remained under shutdown since 16.06.2013 due to High Silt and Flooding at Intake.
Dhauli Ganga (4*70 MW)	• The plant remained under shutdown since 16.06.2013 due to High Silt and Flooding at Intake.
Uttar Pradesh	
Rihand (6x50 MW)	• Unit-III & IV of 50 MW each under shut down since 21.12.2011 & 01.11.2008 respectively due to Renovation, Modernization & Uprating Works.
Andhra Pradesh	
Machkund (3*17+3*21.25 MW)	• Unit No. IV of 21.25 MW under shutdown from 01.06.2011 to 20.03.2013 due Carbon dioxide Problem.
Karnataka	
Bhadra (1*2+2*12+1*7.20 +1*6 MW)	• Unit- III & IV of 12 MW under shut down since 01.06.2011 & 01.05.2011 respectively due to Renovation, Modernization & Uprating Works
Jog (4*13.20 + 4*21.60 MW)	• Unit No. of 13.20 MW remained under shutdown since 26.01.2012 due to Generator Transformer Problem.
Munirabad (2*9+1*10 MW)	• Unit No. II of 9 MW remained under shutdown since 01.03.2013 due to Renovation, Modernization & Uprating Works.

Kerala	
Sabarigiri (6*50 MW)	• On 16.05.2008, Unit-IV exploded from the top, with severe fire damaging the whole unit. Rebuilding of Unit-IV awarded on 16.11.2009.
Tamil Nadu	
Pykara Ultimate (3*50 MW)	• Unit- I & III of 50 MW remained under shut down since 19.05.2013 due to Main Disc Seal Problem/ Replacement.
Sholayar (2*35+1*25 MW)	• Unit- II of 35 MW remained under shut down since 12.01.2013 due to Rotor Earth fault.
Parson's Valley (1*30 MW)	• Unit- II of 35 MW remained under shut down since 12.01.2013 due to Rotor Earth fault.
West Bengal	
Teesta Low Dam III (4*33 MW)	• Unit- I of 33 MW remained under shut down since 12.06.2013 due to Problem in Generator Cooling System. • Unit- III of 33 MW remained under shut down since 11.06.2013 due to Transmission Line Constraint.
Odisha	
Balimela (6*60+2*75 MW)	• Unit No I of 60 MW remained under shut down since 01.04.2013 due to Turbine Bearing High Temperature Problem. • Unit- IV of 60 MW remained under shut down since 01.04.2013 due to Generator CT/PT Problem.
Jharkhand	
Panchet (2*40 MW)	• Unit- I of 40 MW remained under shutdown since 29.08.2012 due to Insulation Failure of R phase of Stator Winding. • Unit- II of 40 MW remained under shutdown since 30.09.2012 due to Runner Air Admission system Problem.
Meghalaya	
Kyrdemkulai (2*30 MW)	• Unit- II of 30 MW remained under shutdown since 20.09.2012 due to Runner Repair/Replacement.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2198
ANSWERED ON 22.08.2013

ASSISTANCE TO UP FOR POWER GENERATION

†2198. SHRI RAMKISHUN:

Will the Minister of POWER
be pleased to state:

(a) whether the Union Government proposes to provide special assistance to Uttar Pradesh (UP) for generation of power and distribution thereof;

(b) if so, the details thereof;

(c) whether the Union Government has released any financial assistance to UP for improvement in the power sector; and

(d) if so, the details thereof and if not, the time by which the said assistance is likely to be provided?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (d) : 1. For improvement in Power Distribution Sector, Government of India has launched the Re-structured Accelerated Power Development and Reforms Programme (R-APDRP) and Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) . The projects under R-APDRP are being taken up in two parts i.e. Part A & Part B. Investment in Part-A is for establishment of IT enabled Baseline System and Investment under Part-B is for strengthening of sub-transmission and distribution system.

2. For Uttar Pradesh, under R-APDRP, as on 31.07.2013, the Government of India has sanctioned 169 town projects worth Rs.650.68 Crore under Part-A (IT). In addition 12 SCADA projects worth Rs.280.81 Crore under Part-A and 164 projects worth Rs.5093.77 Crore under Part-B of R-APDRP have been sanctioned. Rs. 911.92 Crore has been released to UP Discoms till now for implementation of the above schemes.

3. Power Finance Corporation (PFC) and Rural Electrification Corporation (REC) as financial Institutions are extending funding against viable power projects of Uttar Pradesh as per appraisal Guidelines.

4. A scheme on Financial Restructuring Plan (FRP) of State Owned Discoms has also been notified by the Government. UP State Govt. has given in principle consent to participate in the scheme and abide by the various mandatory conditions of the scheme.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2201
ANSWERED ON 22.08.2013

SHORTAGE OF COAL AND GAS

2201. DR. ANUP KUMAR SAHA:

Will the Minister of POWER
be pleased to state:

(a) the details of power-shortage faced by the country due to shortage of coal and gas during each of the last three years and the current year; and

(b) the steps being taken/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) : The details of power shortage faced by the country due to shortage of coal and gas as reported by power utilities during the last three years and current year are given below :

Year.	Loss of generation in Billion Units due to shortage of	
	Coal	Gas
2010-11	8.4	6.4
2011-12	11.6	10.0
2012-13	15.1	33.7
2013-14 (upto July,13)	2.4	9.0

(b) : In order to ensure adequate availability of coal and gas, following steps have been taken/ proposed to be taken:

(i) The Cabinet Committee of Economic Affairs (CCEA) in its meeting held on 21st June, 2013 has issued directive to Ministry of Coal/Coal India Limited to sign Fuel Supply Agreements (FSAs) for a total capacity of 78000 MW, including tapering linkage which are likely to be commissioned by March, 2015.

.....2.

(ii) In order to bridge shortfall in availability of domestic coal, Power Utilities are advised to import 50 Million Tonne (MT) coal for the year 2013-14.

(iii) To ensure adequate availability of imported coal on sustainable basis, it is desirable that Power Utilities including Coal India Limited (CIL) and other public as well as private entities may be persuaded for acquiring assets abroad i.e. Coal Blocks.

(iv) Ministry of Coal/Coal India Ltd. being insisted upon to enhance production of domestic coal in the country along with associated development of adequate Rail/Port/Road infrastructure along with bridges etc. to facilitate evacuation / transportation of coal.

(v) Ministry of Power and Ministry of Petroleum & Natural Gas are taking necessary steps to increase availability of gas from domestic sources by awarding gas blocks for Exploration & Production (E&P) activities in various sedimentary basins of the country under the New Exploration Licensing Policy (NELP).

(vi) Ministry of Power and Ministry of Petroleum & Natural Gas are encouraging import of gas in the form of Liquefied Natural Gas (LNG) and also making efforts for import of gas through international pipelines projects.

(vii) Ministry of Power has requested Ministry of Petroleum & Natural Gas to allocate 6.47 MMSCMD additional gas from ONGC field and 5.24 MMSCMD from Deen Dayal West (DDW) gas field for power sector.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2203
ANSWERED ON 22.08.2013

SETTING UP OF GAS BASED POWER PROJECTS

2203. SHRIMATI JYOTI DHURVE:

Will the Minister of POWER
be pleased to state:

(a) whether the Government proposes to set up gas-based power projects in the country;

(b) if so, the details thereof along with the details of the estimated cost, production capacity and location of the projects; and

(c) the details of the financial allocation made for the purpose during the current year and also for 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) : No, Madam. Government of India does not set up power plants.

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

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2205
ANSWERED ON 22.08.2013

POWER PLANTS

†2205. SHRIMATI RAMA DEVI:
SHRI CHANDRAKANT KHAIRE:

Will the Minister of POWER
be pleased to state:

(a) the requirement of power plants in the country in view of the huge shortage of power along with the reasons for lesser number of power plants in the country than the requirement;

(b) the details of the existing power plants in the country along with their installed power generation capacity; and

(c) the details of the under construction power plants in the country, location-wise?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : As per Planning Commission, generation capacity addition of 88,537 MW has been planned from conventional sources for the 12th Five Year Plan on an all-India basis. With this capacity addition the demand for power on all-India basis is likely to be met by the terminal year of 12th Plan i.e. 2016-17.

(b) : The details of the existing power plants in the country along with their installed generation capacity is given at Annex-I.

(c) : The details of thermal, hydro and nuclear projects under execution in the country are given at Annex-II (A), Annex–II (B) and Annex–II (C) respectively.

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ANNEX-I

ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 2205 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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LIST OF THERMAL GENERATING STATIONS AS ON 31.07.2013

Region/ State	Name of Project	Total (In MW)
A & N Islands	Bambo Flat Diesel Power Station	20
	Campbell Bay Diesel Power Station	2.77
	Car Nicobar Diesel Power Station	2.55
	Champion Diesel Power Station	0.12
	Chatham Diesel Power Station	12.5
	Chowra Diesel Power Station	0.15
	Dugong Creek Diesel Power Station	0.04
	Hanspuri Diesel Power Station	0.027
	Havelock Diesel Power Station	0.52
	Jagannath Dera Diesel Power Station	0.012
	Kakana Diesel Power Station	0.015
	Kamorta Island Diesel Power Station	0.71
	Katchal Diesel Power Station	0.58
	Kondul Diesel Power Station	0.03
	Little Andaman Diesel Power Station	1.28
	Long Island Diesel Power Station	0.175
	Mohanpur Diesel Power Station	0.015
	Neil Island Diesel Power Station	0.4
	Paschim Sagar Diesel Power Station	0.039
	Pheonixbay Diesel Power Station	5.71
	Pilobhabi Diesel Power Station	0.04
	Pilomillow Diesel Power Station	0.03
	Pilopanja Diesel Power Station	0.03
	Pilpillow Diesel Power Station	0.065
	Raj Niwas Diesel Power Station	0.26
	Rangat Bay Diesel Power Station	10.14
	Secretariat Diesel Power Station	0.13
	Shompen Complex Diesel Power Station	0.02
	Sita Nagar Diesel Power Station	1.45
	Smith Island Diesel Power Station	0.03
	South Bay Diesel Power Station	0.01
	Strait Islands Diesel Power Station	0.02
	Tapong Diesel Power Station	0.04
	Teressa Diesel Power Station	0.14
	Total	60.048
Andhra Pradesh	Dr.N Tata Rao T P S	1760
	Gautami C C P P	464
	Godavari Gas Power Station	208
	Jegrupadu Gas Power Station	455.4
	Kaktiya Thermal Power Station	500
	Konaseema C C P P	445
	Kondapalli Gas Power Station	350
	Kothagudam Thermal Power Station	1720
	L.V.S.Diesel Power Station	36.8
	Lanko Kondapalli Gas Power Station	366
	Peddapuram Gas Power Station	220
	Ramagudam Thermal Power Station B	62.5
	Ramagundm Thermal Power Station	2600
	Rayal Seema Thermal Power Station	1050
	Simadri Thermal Power Station	1000

	SimadriThermal Power Station	1000
	Simhapuri T P P	300
	Tanir Bavi Gas Power Station	220
	Thamminapatnam T P P	150
	Thampipatnam T P P	150
	Vemagiri ,CCPP	370
	Vijeshwaram Gas Power Station	272
	Total	13699.7
Arunachal Pradesh	TOTAL DIESEL	15.88
Assam	Adamtilla Gas Power Station	9
	Baskhandi Gas Power Station	15.5
	Chandrapur Thermal Power Station	60
	Kathalguri CCPP	291
	Lakwa Gas Power Station	157.2
	Namrup Gas Power Station	73
	Namrup Thermal Power Station(M F)	24
	Namrup, Wasteheat Gas Power Station	22
	S.E.B.Diesel Power Station	20.69
	Total	672.39
Bihar	Barauni Thermal Power Station	210
	Kahalgaon Thermal Power Station	2340
	Muzaffarpur Thermal Power Station	220
	Total	2770
Chhattiagarh	Bhilai Thermal Power Station	500
	Korba Thermal Power Station	2600
	Sipat Supper Thermal Power Station	2980
	D S P M TPS KORBA-II	940
	Hasdeo TPS KORBA WEST	1340
	Kasaipalli TPP	270
	Katghora TPP	35
	Ratija T P S	50
	SVPL TPP	63
	Raigarh Thermal Power Station	1000
	Lanko Amarkantak T P S PATHAD	600
	Total	10378
Delhi	Badarpur Thermal Power Station	705
	Indra Prasatha CCPP	240
	Mahatma Gandhi T P P	30
	Pragati CCPP	1580.4
	Rajghat TPS	135
	Rithala CCPP	108
	Total	2798.4
Goa	Salgaocar Gas Power Station GOA (GT)	48
Gujarat	Akrimota Thermal Power Station	250
	Baroda Gas Power Station	160
	Bhuj Diesel Power Station	9.07
	Dhuvaran CCPP-I	218.62
	Dhuvaran Diesel Power Station	0.6
	Dwarka Diesel Power Station	0.36
	Essar Gas Power Station	515
	Gandhi Nagar Diesel Power Station	0.8
	Gandhi Nagar Thermal Power Station	660
	Gandhi NagarThermal Power Station	210
	Haziira Gas Power Station	507.1
	Kutch Lignite Thermal Power Station	290
	Mahuva Diesel Power Station	1.28
	Mandavi Diesel Power Station	1.27
	Mundra T P S Ph-I	8620
	Pandhana Diesel Power Station	1.02
	Peguthan Gas Power Station	655
	Pipavav	351

	Sabarmati Thermal Power Station	400
	Salaya T PP	1200
	Sikka Thermal Power Station	240
	Sugen C C P P	1147.5
	Surat DPS	0.2
	Surat Lignite Thermal Power Station	500
	Ukai Thermal Power Station	1350
	Unosugen C C P P	382.5
	Uran Diesel Power Station	1.28
	Utran CCGT	374
	Utran Gas Power Station	144
	Vatva Gas Power Station	100
	Wanakbori Diesel Power Station	1.6
	Wanakobri Thermal Power Station	210
	Wonakabori Thermal Power Station	1260
	Gandhar CCPP	657.39
	Kawas Gas Power Station	656.2
	Total	21075.79
Haryana	Ambala Power Project (Stage -II)	1.7
	Faridabad CCGT	431.59
	Faridabad Diesel Power Project	2
	Indira Gandhi STPP	1500
	Mahatma Gandhi T P P	1320.218
	Panipat Thermal Power Station-I	1360
	Rajiv Gandhi Thermal Power Project	1200
	Yamuna Nagar Thermal Power Project	600
	Total	6415.508
Himachal Pradesh	Keylong Diesel Power Station	0.13
Jammu & Kashmir	Bemina Diesel Power Station	5
	Karnah Diesel Power Station	0.06
	Leh Diesel Power Station	2.18
	Pampore Gas Power Station	175
	Upper Sindh Diesel Power Station	1.7
	Total	183.94
Jharkhand	Bokaro Thermal Power Station B	630
	Chandrapur Thermal Power Station	890
	Jojobera Thermal Power Station	360
	Mahadev Prasad S T P P	540
	Maithon Gas Power Station	90
	Maithon R B TPP	1050
	Patratu Thermal Power Station	770
	Tenughat Thermal Power Station	420
	Total	4750
Karnataka	Belguam Diesel Power Station (Tata)	81.3
	Bellary Diesel Power Station	25.2
	Bellary Thermal Power Station	1000
	Raichur Thermal Power Station	1720
	Torangallu Thermal Power Station	860
	Udipi Thermal Power Station	1200
	Yelahanka Diesel Power Station	127.92
	Total	5014.42
Kerala	Brahmapuram Diesel Power Station	106.6
	Cochin Gas Power Station	174
	Kasargode Diesel Power Station	21.84
	Kozhikode Diesel Power Station	128
	Rajiv Gandhi CCPP	359.58
	Total	790.02
Lakshadweep	Agatti Diesel Power Station	1.14
	Amini Diesel Power Station	1.03
	Androtт Diesel Power Station	1.25
	Bangaram Diesel Power Station	0.09

	Bitra Diesel Power Station	0.058
	Chetlat Diesel Power Station	0.43
	Kadamat Diesel Power Station	0.8
	Kalpeni Diesel Power Station	1.06
	kavaratti Diesel Power Station	1.8
	Kiltan Diesel Power Station	0.51
	Minicoy Diesel Power Station	1.8
	Total	9.968
Madhya Pradesh	Amarkantak Thermal Power Station	450
	BINA Thermal Power Station	500
	Birsinghpur (Sanjay Gandhi) Thermal Power Station	1340
	Mahan Thermal Power Station	600
	Sasan U M P P	660
	Satpura Thermal Power Station Extn.	1080
	SatpuraThermal Power Station	187.5
	Vindhyachal Thermal Power Station	4260
	Total	9077.5
Maharashtra	Amarvati Thermal Power Station	270
	Bela Thermal power Station	270
	Bhusawal Thermal Power Station	1420
	Butibori T P P	300
	Chandrapur Thermal Power Station	2340
	Dhanu Thermal Power Station	500
	EMCO Warora TPP	300
	G E P L TPP	120
	JSW Energy T P P (Ratnagiri)	1200
	Khaperkheda Thermal Power Station	1340
	Koradi Thermal Power Station	1040
	Mauda Thermal Power Station	1000
	Mihan TPP	246
	Nasik Thermal Power Station	630
	New Parli Thermal Power Station	500
	Paras Thermal Power Station	500
	Parli Thermal Power Station	630
	Ratnagiri Gas Power Station	2220
	Tirora TPP	1980
	Trombay Gas Power Station	180
	Trombay Thermal Power Station	1400
	Uran Gas Power Station	672
	Wardha Warora TPP	540
	Total	19598
Manipur	Bungpa Diesel Power Station	0.01
	Chingai Diesel Power Station	0.05
	Dhakpong Diesel Power Station	0.2
	Hamgbo Diesel Power Station	0.02
	Imphal Diesel Power Station	4.58
	Kagomkhulam Diesel Power Station	0.05
	Kajirg Diesel Power Station	0.25
	Khoupulam Diesel Power Station	0.4
	Leimahung Diesel Power Station	1.75
	Leimakhong Diesel Power Station	36
	Limphal Diesel Power Station	0.64
	Morah Diesel Power Station	0.2
	Nemgbha Diesel Power Station	0.08
	None Diesel Power Station	0.05
	Phengon Diesel Power Station	0.05
	Porbung Diesel Power Station	0.2
	Sewdal Diesel Power Station	0.05
	Tamonglong Diesel Power Station	0.2
	Teimic Diesel Power Station	0.2
	Tengnonpol Diesel Power Station	0.2

	Thanlon Diesel Power Station	0.2
	Tousom Diesel Power Station	0.03
	Total	45.41
Meghalaya	Beghmara Diesel Power Station	0.11
	Dalu Diesel Power Station	0.05
	Nangalbhara Diesel Power Station	0.69
	Tuna Diesel Power Station	1.12
	Uliarinagn Diesel Power Station	0.08
	Total	2.05
Mizoram	Bairabi Diesel Power Station	22.92
	Biate Diesel Power Station	0.6
	Buarpui Diesel Power Station	0.406
	Champhai Diesel Power Station	2.75
	Chawngte Diesel Power Station	0.86
	Darlawn Diesel Power Station	1
	Hnahthiral Diesel Power Station	0.75
	Khawzawl Diesel Power Station	1
	Kolasib Diesel Power Station	1.55
	Lawnggtlai Diesel Power Station	1.5
	Luangmual Diesel Power Station	3.52
	Lunglei Diesel Power Station	2.494
	Lungsen Diesel Power Station	0.2
	Mualthuam Diesel Power Station	0.91
	Saiha Diesel Power Station	1
	Saitual Diesel Power Station	0.75
	Serchhip Diesel Power Station	0.75
	Tawipui 'N' Diesel Power Station	1.68
	Tlabung Diesel Power Station	0.5
	Tuipang Diesel Power Station	0.256
	W. Phaileng Diesel Power Station	0.556
	Zawlnum Diesel Power Station	0.906
	Zuauangtui	5
	Total	51.858
Nagaland	Dimapur Diesel Power Station	1.1
	Kohima Diesel Power Station	0.5
	Mokak Chung Diesel Power Station	0.2
	Tuensung Diesel Power Station	0.1
	Zumbehto Diesel Power Station	0.1
	Total	2
Orissa	I.B.Valley Thermal Power Station	420
	Sterlite (Jharsuguda)TPP	2750
	Talchar Thermal Power Station(STPS)	3470
	Total	6640
Pondicherry	Karaikal Gas Power Station	32.5
Punjab	Guru Hargobind (Lehran Mohabbat) Thermal Power Station	920
	Guru Nanak Dev Thermal Power Station	440
	Rice Straw(Jalkheri)	10
	Ropar Thermal Power Station	1260
	Total	2630
Rajasthan	Anta CCPP	419.33
	Barsingsar Thermal Power Station	250
	Chabra T P P	500
	Dhaulpur CCGT	330
	Giral T. Power Station (Lignite)	250
	Jalipa Kapurdi Lignite TPP	1080
	Kawai TPP	660
	Kota Thermal Power Station	850
	Kota Thermal Power Station Stage IV Unit VI	390
	Ramgarh Gas Power Station	223.8

	Suratgarh Thermal Power Station	1500
	Total	6453.13
Sikkim	Gangtok	4
	Ranipool	1
	Total	5
Tamil Nadu	Basin Bridge Diesel Power Station	200
	Basin Bridge Gas Power Station	120
	Ennore Thermal Power Station	450
	Ind barath Tuticorin	150
	Karuppur CCGT	70
	Karuppur CCGT(Waste Heat Steam)	49.8
	Kovikalappal Gas Power Station	107
	Kuttalam Gas Power Station unit1	63
	Kuttalam Gas Power Station	37
	Mettur Thermal Power Station	1440
	Narimanam Gas Power Station	10
	Neyveli Thermal Power Station(Ext)	2740
	NeyveliI Thermal Power Station	250
	North Chennai Thermal Power Station	1230
	Pillaiperumalanallur Gas Power Station	330.5
	Samalpatti Gas Power Station	105.658
	Samayanallur Diesel Power Station	106.001
	Tuticorin Thermal Power Station	1050
	Valentharvy GPS	52.8
	Vallur Thermal Power Station	1000
	Valuuthur Gas Power Station	119.8
	Valuuthur Gas Power Station	66.4
	Total	9747.959
Tripura	Agartla Diesel Power Station	3.489
	Baramura Gas Power Station	37.5
	Baramura Gas Power Station Extn.	21
	Dhos Monger Diesel Power Station	0.4
	Kailash Palu Diesel Power Station	0.4
	Khoma Diesel Power Station	0.216
	Rokhia Gas Power StationPhase II	90
	Subroom Diesel Power Station	0.1
	Sunewem Diesel Power Station	0.1
	Telimme Diesel Power Station	0.141
	Agartala Gas Power Station	84
	Tripura CCGT	363.3
	Total	600.646
Uttar Pardesh	Anpara 'C'Thermal Power Station	1200
	Anpara Thermal Power Station Stage-I	1630
	Auriaya CCPP	663.36
	Barkhera Thermal Power Station	90
	Dadri CCPP	829.78
	Harduaganj Thermal Power Station	665
	Khamberkhera Thermal Power Station	90
	Kundarki Thermal Power Station	90
	Maqsoodpur Thermal Power Station	90
	National Capital Region Power Station	1820
	Obra Thermal Power Station	1278
	Panki Thermal Power Station	1350
	RihandThermal Power Station	2500
	Rosa Thermal Power Station	1200
	Singrauli Thermal Power Station	2000
	Tanda Thermal Power Station	440
	Unchahar Thermal Power Station	1050
	Utraula Thermal Power Station	90
	Total	17076.14

West Bengal	Bakreswar Thermal Power Station	1050
	Balarghat Diesel Power Station	0.84
	Bandel Thermal Power Station	450
	Budge-Budge Thermal Power Station	750
	Chinakuri Thermal Power Station	30
	Coach Bihar Diesel Power Station	1.97
	D.P.L. Thermal Power Station	630
	Digha Diesel Power Station	0.13
	Dishergarh Thermal Power Station	18
	Durgapur Steel Thermal Power Station	1000
	Durgapur Thermal Power Station	340
	Farakka Thermal Power Station	2100
	Haldia Gas Power Station	40
	Jaidlank Diesel Power Station	0.4
	Jalpaiguri Diesel Power Station	1.378
	Kalimpong Diesel Power Station	0.57
	Kalindu Diesel Power Station	3.07
	Kasba Gas Power Station	40
	Koderma Thermal Power Station	1000
	Kolaghat Thermal Power Station	1260
	Lelong Diesel Power Station	0.9
	Mejia Thermal Power Station	2340
	New Cossipore Thermal Power Station	160
	Pattar Pratima Diesel Power Station	0.29
	Ramyong Diesel Power Station	1.88
	Rudranagar Diesel Power Station	0.63
	Sagardigi Thermal Power Station	600
	Santaldih Thermal Power Station	980
	Seebpore Thermal Power Station	8.375
	Siliguri Gas Power Station	20
	Southern Replacement T P S	135
	Sunderban Diesel Power Station	0.14
	Titagarh Thermal Power Station	240
	Total	13203.573
Grand Total		153847.96

LIST OF HYDRO GENERATING STATIONS AS ON 31.07.2013

Region/State	Nane of Project	Total
West Bengal	Purlia (PS) Hydro Power Station	900
	Teesta Low Dam Hydro Power Station	132
	Jaldhaka Hydro Power Station	77
	Total	1109
Andhra Pradesh	Lower Sileru Hydro Power Station	460
	Nagarjuna Sagar Hydro Power Station	815.6
	Pochampad Hydro Power Station	27
	Priyadarshni Jurla Hydro Power Station	234
	Srisailam Hydro Power Station	1670
	T.B.Dam Hydro Power Station	36
	Hampi Hydro Power Station	36
	Machkund Hydro Power Station	114.75
	Nagarjuna Sagar Hydro Power Station	150
	UpperSileru Hydro Power Station	240
	Total	3783.35
Arunachal Pradesh	Ranganadi Hydro Power Station	405
Assam	Karbi Laugpi Hydro Power Station	100
	Kopili Hydro Power Station	200
	Total	300
Bihar	Maithon Hydro Power Station	63.2
	Panchet Hill Hydro Power Station	80
	Total	143.2
Chhattisgarh	Hasdeo Bango Hydro Power Station	120
Gujrat	Kadana(PSS) Hydro Power Station	240
	Ukai Hydro Power Station	300
	Sardar Sarovar Hydro Power Station	1450
	Total	1990
Himachal Pradesh	Allian Duhangan H E P	192
	Baira Siul Hydro Power Station	198
	BASPA Hydro Power Station	300
	Bassi Hydro Power Station	60
	Budhil H E P	70
	Dehar Hydro Power Station	990
	Giri Bata Hydro Power Station	60
	Karcham Wangto H E P	1000
	Largi Hydro Power Station	126
	Malana Hydro Power Station	186
	Nathpa Jhakri Hydro Power Station	1500
	Pong Hydro Power Station	396
	Sanjay Hydro Power Station	120
	Bhakra Hydro Power Station	1325
	Chamera Hydro Power Station	1071
	Total	7594
Jammu & Kashmir	Baglihar Hydro Power Station	450
	Chutak Hydro Power Station	44
	Dulhasti Hydro Power Station	390
	Lower Jhelum Hydro Power Station	105
	Sewa II H E P	120
	Upper Sindh II Hydro Power Station	105
	Uri Hydro Power Station	480
	Salal Hydro Power Station	690
	Total	2384
Jharkhand	Subernrekha Hydro Power Station	130

Karnataka	Almatti DamHydro Power Station	290
	Badra Hydro Power Station	39.2
	Ghatprabha Hydro Power Station	32
	Jog Hydro Power Station	139.2
	Kadra Hydro Power Station	150
	Kalinadi Nagjhari Hydro Power Station	855
	Kalinadi Supa DPH Hydro Power Station	100
	Kodasalli Hydro Power Station	120
	Linganamakki Hydro Power Station	55
	Munirabad Hydro Power Station	28
	Sharavathy Hydro Power Station	1035
	Sharavathy Tail Race Hydro Power Station	240
	Sivasamudram Hydro Power Station	42
	Varahi Hydro Power Station	460
	Total	3585.4
Kerala	Idamalayar Hydro Power Station	75
	Iddukki Hydro Power Station	780
	Kakkad Hydro Power Station	50
	Kuttiady Hydro Power Station	225
	Lower Periyar Hydro Power Station	180
	Nariamanglam Hydro Power Station	70
	Pallivasal Hydro Power Station	37.5
	Panniar Hydro Power Station	30
	Poringalkuttu Hydro Power Station	32
	Sabaragiri Hydro Power Station	300
	Sengulam Hydro Power Station	48
	Sholayar Hydro Power Station	54
	Total	1881.5
Madhya Pradesh	Bargi Hydro Power Station	90
	Indira Sagar Hydro Power Station	1000
	Madikhera Hydro Power Station	60
	Omkreshwar Hydro Power Station	520
	Rajghat Hydro Power Station	45
	Pench Hydro Power Station	160
	Gandhisagar Hydro Power Station	115
	Bansager Tons Hydro Power Station	405
	Total	2395
Maharashtra	Bhandardara Hydro Power Station	34
	Bhira Hydro Power Station	150
	Bhira Hydro Power Station PSS	150
	Bhivpuri Hydro Power Station	75
	Bira Tail Race Hydro Power Station	80
	Ghatghar Hydro Power Station	250
	Khopoli Hydro Power Station	72
	Koyana Dam Hydro Power Station	36
	Tillari Hydro Power Station	60
	Vaitarna Hydro Power Station	60
	Koyana Hydro Power Station	1920
	Total	2887
Manipur	Loktak Hydro Power Station	105
Meghalaya	Khandong Hydro Power Station	75
	Kyrdemkulai Hydro Power Station	60
	Myntdu Hydro Power Station	126
	Umiam Hydro Power Station	96
	Total	357
Nagaland	Doyang Hydro Power Station	75
Orissa	Balimela Hydro Power Station	390
	Balimela(Extn.) Hydro Power Station	120

	Hirakud Burla Hydro Power Station	136.5
	Hirakud Chiplima Hydro Power Station	72
	Hirakud Hydro Power Station	139
	Rengali Hydro Power Station	250
	Upper Inderavati Hydro Power Station	600
	Upper Kolab Hydro Power Station	320
	Total	2027.5
Punjab	Anandpur Sahib Hydro Power Station	134
	Ganguwal Hydro Power Station	77.65
	Kotla Hydro Power Station	77.65
	Ranjit Sagar Hydro Power Station	600
	Shanan Hydro Power Station	110
	Mukerian Hydro Power Station	207
	Total	1206.3
Rajasthan	Jawahar Sagar Hydro Power Station	99
	R.P.Sagar Hydro Power Station	172
	Mahi Bajaj Hydro Power Station	140
	Total	411
Sikkim	Chujachen HEP	99
	Rangit Hydro Power Station	60
	Teesta Hydro Power Station	510
	Total	669
Tamil Nadu	Aliyar Hydro Power Station	60
	Bhawani Katlai Berrage-I Hydro Power Station	45
	Kadamparai Hydro Power Station	400
	Mettur Dam Hydro Power Station	50
	Mettur Tunnel Hydro Power Station	200
	Moyar Hydro Power Station	36
	Papanasam Hydro Power Station	32
	Parsons Valley Hydro Power Station	30
	Periyar Hydro Power Station	140
	Pykara Hydro Power Station	59.2
	Pykara Ultimate H P S	150
	Sarkarpathy Hydro Power Station	30
	Sholayar Hydro Power Station	95
	Suruliyar Hydro Power Station	35
	Kodayar Hydro Power Station	100
	Kundah Hydro Power Station	555
	Lower Mettur Hydro Power Station	120
	Total	2137.2
Uttar Pardesh	Khara Hydro Power Station(Yamuna)	72
	Matatila Hydro Power Station	30.6
	Obra Hydro Power Station-	99
	Rihand Hydro Power Station	300
	Total	501.6
Uttarakhand	Dhauli Ganga Hydro Power Station	280
	Koteshwar Hydro Power Station	400
	Tanakpur Hydro Power Station	94.2
	Tehri Hydro Power Station	1000
	Chilla Hydro Power Station	144
	Chibro Hydro Power Station	240
	Dhakrani Hydro Power Station	33.75
	Dhalipur Hydro Power Station	51
	Khatima Hydro Power Station	41.4
	Khodri Hydro Power Station	120
	Kulhal Hydro Power Station	30
	Ramganga Hydro Power Station	198
	Vishnu Prayag Hydro Power Station	400
	ManeriBhali Hydro Power Station	394
	Total	3426.35
Grand Total		39623.4

LIST OF NUCLEAR GENERATING STATIONS AS ON 31.07.2013

State	Plant Name	Total Capacity
Rajasthan	Rjasthan A P S	1180
Uttar Pradesh	Narora A P S	440
Gujarat	Kakarapara A P S	440
Maharashtra	Tarapur A P S	1400
Karnataka	Kaiga A P S	880
Tamil Nadu	Madras A P S	440
Total		4780

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ANNEX-II (A)

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2205 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Details of Under Construction Thermal Power Projects in the country

State	Project Name	Implementing Agency	Unit No	Capacity (MW)
	CENTRAL SECTOR			
Assam	Bongaigaon TPP	NTPC	U-1	250
			U-2	250
			U-3	250
Bihar	Barh STPP- I	NTPC	U-1	660
			U-2	660
			U-3	660
Bihar	Barh STPP-II	NTPC	U-4	660
			U-5	660
Bihar	Muzaffarpur TPP Exp	JV - NTPC & BSEB	U-3	195
			U-4	195
Bihar	Nabi Nagar TPP	JV - NTPC & Indian Railways	U-1	250
			U-2	250
		JV - NTPC & Indian Railways	U-3	250
			U-4	250
Bihar	New Nabi Nagar TPP	JV - NTPC & BSEB	U-1	660
			U-2	660
			U-3	660
Chhatisgarh	Lara TPS	NTPC	U-1	800
Chhatisgarh	Lara TPS	NTPC	U-2	800
Jharkhand	Bokaro TPS "A" Exp.	DVC	U-1	500
Karnataka	Kudgi STPP Ph-I	NTPC	U-1	800
			U-2	800
			U-3	800
Maharashtra	Mouda STPP Ph-II	NTPC	U-3	660
			U-4	660
Maharashtra	Solapur STPP	NTPC	U-1	660
			U-2	660
MP	Vindhyachal TPP Ph-V	NTPC	U-13	500
MP	Gadarwara	NTPC	U-1	800
MP	Gadarwara	NTPC	U-2	800
TN	Neyveli TPS-II Exp.	NLC	U-2	250
TN	Tuticorin JV	NLC & TNEB	U-1	500
			U-2	500
TN	Vallur TPP PH-II JV	NTECL	U-3	500
Tripura	Monarchak CCPP	NEEPCO	GT	61.3
			ST	39.7
Tripura	Tripura Gas	ONGC	Module-2	363.3
UP	Rihand TPP- III	NTPC	U-6	500
UP	Meja STPP	JV- NTPC & UPRVUNL	U-1	660
			U-2	660
WB	Raghunathpur TPP, Ph-I	DVC	U-1	600
			U-2	600
WB	Raghunathpur TPP, Ph-II	DVC	U-1	660

State	Project Name	Implementing Agency	Unit No	Capacity (MW)
			U-2	660
Total Central Sector				23214.3

	STATE SECTOR			
AP	Damodaram Sanjeevaiah TPS	APPDCL	U-1	800
			U-2	800
AP	Kakatiya TPP Extn	APGENCO	U-1	600
AP	Rayalseema St-III U-6	APGENCO	U-6	600
Assam	Namrup CCGT	APGCL	GT	70
			ST	30
Chhattisgarh	Marwa TPP	CSPGCL	U-1	500
			U-2	500
Delhi	Pragati CCGT-III	PPCL	ST-2	250
Gujarat	Pipavav CCPP	GSECL	Block-1	351
Gujarat	Sikka TPP Extn.	GSECL	U-3	250
			U-4	250
Gujarat	Bhavnagar CFBC TPP	Bhavnagar Energy	U-1	250
			U-2	250
Maharashtra	Chandrapur TPS	MSPGCL	U-8	500
			U-9	500
Maharashtra	Koradi TPP Expn.	MSPGCL	U-8	660
			U-9	660
			U-10	660
Maharashtra	Parli TPP Expn.	MSPGCL	U-8	250
MP	Malwa TPP (Shree Singaji)	MPPGCL	U-1	600
			U-2	600
MP	Satpura TPP Extn	MPPGCL	U-11	250
Rajasthan	Chhabra TPP Extn.	RRVUNL	U-3	250
Rajasthan	Chhabra TPP Extn.	RRVUNL	U-4	250
Rajasthan	Kalisindh TPS	RRVUNL	U-1	600
			U-2	600
Rajasthan	Ramgarh CCPP Ext.-III	RRVUNL	ST	50
TN	North Chennai Extn.	TNEB	U-1	600
UP	Anpara-D	UPRVUNL	U- 6	500
			U-7	500
WB	Durgapur TPS Extn	DPL	U-8	250
WB	Sagardighi TPP-II	WBPDCL	U-3	500
			U-4	500
	Total State Sector			14781
	PRIVATE SECTOR			
AP	Bhavanpadu TPP Ph-I	East Coast Energy Ltd.	U-1	660
			U-2	660
AP	NCC TPP	NCC Power Projects Ltd	U-1	660
			U-2	660
AP	Painampuram TPP	Thermal Power Tech Corp.Ltd	U-1	660
			U-2	660
AP	Simhapuri Energy Pvt Ltd Ph-II	Madhucon Projects Ltd.	U-3	150
			U-4	150
AP	Thamminapatnam TPP-II	Meenakshi Energy Ltd.	U-3	350
			U-4	350
AP	Vizag TPP	Hinduja National Power Corp.Ltd	U-1	525
			U-2	525
Bihar	Jas Infra. TPS	Jas Infrast- ructure.	U-1	660
Chhattisgarh	Akaltara TPP (Naiyara)	KSK Mahanadhi Power	U-2	600

		Co. Ltd.		
			U-3	600
			U-4	600

Chhattisgarh	Avantha Bhandar TPS,	Korba West Power Co.Ltd.	U-1	600
Chhattisgarh	Baradarha TPP	D.B.Power Co.Ltd	U-1	600
			U-2	600
Chhattisgarh	Balco TPP	Bharat Aluminium Co. Ltd	U-1	300
			U-2	300
Chhattisgarh	Bandakhar TPP	Maurti Clean Coal & Power Ltd	U-1	300
Chhattisgarh	Binjkote TPP	SKS Power Generation Ltd.(Chhat- tisgarh)	U-1	300
			U-2	300
			U-3	300
			U-4	300
Chhattisgarh	Lanco Amarkantak TPS-II	LAP Pvt. Ltd.	U-3	660
			U-4	660
Chhattisgarh	Raikheda TPP	GMR	U-1	685
			U-2	685
Chhattisgarh	Singhitarai TPP	Athena Chhattisgarh Power Ltd.	U-1	600
			U-2	600
Chhattisgarh	Swastic TPP	M/s ACB	U-1	25
Chhattisgarh	Tamnar TPP (Raigarh)	O.P.Jindal	U-1	600
			U-2	600
			U-3	600
			U-4	600
Chhattisgarh	TRN Energy TPP	TRN Energy Pvt. Ltd.	U-1	300
			U-2	300
Chhattisgarh	Uchpinda TPP	RKM Powergen Pvt. Ltd	U-1	360
			U-2	360
			U-3	360
			U-4	360
Chhattisgarh	Chakabura TPP	ACB Ltd.	U-1	30
Chhattisgarh	Salora TPP	Vandana Vidyut	U-1	135
			U-2	135
Chhattisgarh	Visa TPP	Visa Power Ltd.	U-1	600
Jharkhand	Maitrishi Usha TPP-Ph-I	Corporate Power Ltd	U-1	270
			U-2	270
Jharkhand	Maitrishi Usha TPP-Ph-II	Corporate Power Ltd	U-3	270
			U-4	270
Jharkhand	Tori TPP	Essar Power	U-1	600
Maharashtra	Amravati TPP Ph-I	India Bulls	U-2	270
			U-3	270
			U-4	270
			U-5	270
Maharashtra	Amravati TPP Ph-II	India Bulls	U-1	270
			U-2	270
			U-3	270
			U-4	270
			U-5	270
Maharashtra	Dhariwal Infracture TPP	Dhariwal Infrastruc- ture (P)Ltd	U-1	300
			U-2	300
Maharashtra	EMCO Warora TPP	EMCO Energy Ltd.(GMR)	U-2	300
Maharashtra	Lanco Vidarbha TPP	Lanco Vidarbha	U-1	660
			U-2	660
Maharashtra	Nasik TPP Ph-I	India Bulls	U-1	270
			U-2	270
			U-3	270
			U-4	270

			U-5	270

Maharashtra	Nasik TPP Ph-II	India Bulls	U-1	270
			U-2	270
			U-3	270
			U-4	270
			U-5	270
Maharashtra	Tirora TPP Ph-II	Adani Power Ltd	U-2	660
			U-3	660
MP	Anuppur TPP Ph-I	MB Power	U-1	600
			U-2	600
MP	Mahan TPP	Essar Power MP Ltd	U-2	600
MP	Nigri TPP	Jaiprakash Power Ventures Ltd	U-1	660
			U-2	660
MP	Sasan UMPP	Reliance Power Ltd.	U-1	660
			U-2	660
			U-4	660
			U-5	660
			U-6	660
MP	Seioni TPP Ph-I	Jhabua Power Ltd	U-1	600
Orissa	Derang TPP	JITPL	U-1	600
			U-2	600
Orissa	Ind Bharat TPP (Orissa)	Ind. Bharat	U-1	350
			U-2	350
Orissa	Kamalanga TPP	GMR	U-2	350
			U-3	350
Orissa	KVK Nilanc- hal TPP	KVK Nilanchal	U-1	350
			U-2	350
			U-3	350
Orissa	Lanco Babandh TPP	Lanco Babandh Power Ltd	U-1	660
			U-2	660
Orissa	Malibrahmani TPP	MPCL (Monnet Ispat)	U-1	525
Punjab	Goindwal Sahib	GVK Power	U-1	270
			U-2	270
Punjab	Rajpura TPP (Nabha)	Nabha Power Ltd	U-1	700
			U-2	700
Punjab	Talwandi Sabo TPP	M/s Sterlite	U-1	660
			U-2	660
			U-3	660
Rajasthan	Kawai TPP	Adani Power Ltd.	U-2	660
TN	Melamaruthur TPP	Coastal Energen	U-1	600
			U-2	600
TN	Tuticorin TPP (Ind- Barath)	IBPIL	U-1	660
TN	Tuticorin TPP (Ind- Barath)	IBPIL	U-2	150
UP	Prayagraj (Bara) TPP	J.P.Power	U-1	660
			U-2	660
			U-3	660
UP	Lalitpur TPP	Lalitpur Power Generation Co. Ltd	U-1	660
			U-2	660
			U-3	660
WB	Haldia TPP-I	M/s Haldia Energy Ltd.	U-1	300
			U-2	300
	Total Private Sector			55640
	Total Thermal			93635.3

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ANNEX-II (B)

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2205 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Hydro Electric Projects- Under Execution in the Country
(Excluding projects under Ministry of New & Renewable Energy)

Sl. No.	Name of Scheme	Sector	Installed Capacity (No. of Unit X Capacity)	Capacity Under Execution (MW)
	Jammu & Kashmir			
1	Uri-II (NHPC)	Central	4x60	240.00
2	Nimoo Bazgo (NHPC)	Central	3x15	45.00
3	Kishanganga (NHPC)	Central	3x110	330.00
4	Baglihar- II	State	3x150	450.00
	Sub-total: Jammu & Kashmir			1065.00
	Himachal Pradesh			
5	Parbati St. II (NHPC)	Central	4x200	800.00
6	Parabati-III (NHPC)	Central	4x130	520.00
7	Kol Dam (NTPC)	Central	4x200	800.00
8	Rampur (SJVNL)	Central	6x68.67	412.00
9	Uhl-III	State	3x33.33	100.00
10	Swara Kuddu	State	3x37	111.00
11	Kashang -I	State	1x65	65.00
12	Kashang -II & III	State	2x65	130.00
13	Sainj	State	2x50	100.00
14	Shongtong Karcham	State	3x150	450.00
15	Sorang	Private	2x50	100.00
16	Tidong-I	Private	100.00	100.00
17	Tangu Romai	Private	2x22	44.00
18	Bajoli Holi	Private	3x60	180.00
	Sub-total: Himachal Pradesh			3912.00
	Uttarakhand			
19	Tehri PSS (THDC)	Central	4x250	1000.00
20	Tapovan Vishnugad (NTPC)	Central	4x130	520.00
21	Lata Tapovan (NTPC)	Central	3x57	171.00
22	Shrinagar	Private	4x82.5	330.00
23	Phata Byung	Private	2x38	76.00
24	Singoli Bhatwari	Private	3x33	99.00
	Sub-total: Uttarakhand			2196.00
	Madhya Pradesh			
25	Maheshwar	Private	10x40	400.00
	Sub-total: Madhya Pradesh			400.00
	Maharashtra			
26	Koyna Left Bank	State	2x40	80.00
	Sub-total: Maharashtra			80.00
	Andhra Pradesh			
27	Nagarujana Sagar TR	State	2x25	50.00
28	Pulichintala	State	4x30	120.00
29	Lower Jurala	State	6x40	240.00

Sl. No.	Name of Scheme	Sector	Installed Capacity (No. of Unit X Capacity)	Capacity Under Execution (MW)
	Sub-total: Andhra Pradesh			410.00
	Kerala			
30	Pallivasal	State	2x30	60.00
31	Thottiyar	State	1x30+1x10	40.00
	Sub-total: Kerala			100.00
	Tamil Nadu			
32	Bhawani Barrage II	State	2x15	30.00
33	Bhawani Barrage III	State	2x15	15.00
	Sub-total: Tamil Nadu			45.00
	West Bengal			
34	Teesta Low Dam-IV (NHPC)	Central	4x40	160.00
	Sub-total: West Bengal			160.00
	Sikkim			
35	Teesta St. III	Private	6x200	1200.00
36	Teesta St. VI	Private	4x125	500.00
37	Rangit-IV	Private	3x40	120.00
38	Jorethang Loop	Private	2x48	96.00
39	Bhasmey	Private	3x17	51.00
40	Tashiding	Private	2x48.5	97.00
41	Dikchu	Private	3x32	96.00
42	Rangit-II	Private	2x33	66.00
43	Rongnichu	Private	2x48	96.00
	Sub-total: Sikkim			2322.00
	Meghalaya			
44	New Umtru	State	2x20	40.00
	Sub-total: Meghalaya			40.00
	Mizoram			
45	Tuirial	Central	2x30	60.00
	Sub-total: Mizoram			60.00
	Arunachal Pradesh			
46	Subansiri Lower (NHPC)	Central	8x250	2000.00
47	Kameng (NEEPCO)	Central	4x150	600.00
48	Pare (NEEPCO)	Central	2x55	110.00
	Sub-total: Arunachal Pradesh			2710.00
	Total Hydro			13500.00

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ANNEX-II (C)

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2205 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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List of Under Construction Nuclear Power Projects

Sl. No.	Project Name	State	Developer	Sector	Capacity (MW)
1	KAPP U-3,4	Gujarat	NPC	Central	1400
2	RAPP U 7 & 8	Rajasthan	NPC	Central	1400
3	Kudankulam U 1,2	Tamil Nadu	NPC	Central	2000
4	PFBR(Kalpakkam)	Tamil Nadu	NPC	Central	500
	Total Nuclear				5300

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2208
ANSWERED ON 22.08.2013

PROVISION IN ELECTRICITY ACT, 2003

†2208. SHRI PASHUPATI NATH SINGH:
SHRI PRATAPRAO GANPATRAO JADHAO:
SHRI CHANDRAKANT KHAIRE:
DR. SANJAY SINH:
SHRI ANJAN KUMAR M. YADAV:

Will the Minister of POWER
be pleased to state:

(a) the details of the provisions made in the Electricity Act, 2003 for allowing private power distribution companies to operate in the country;

(b) the details of such companies operating at present and since when, State/UT-wise;

(c) the provisions made in this Act to review/carry out survey about the functioning of these companies so that the people know about their actual performance;

(d) whether the Government has allowed multiple power distribution companies to operate in an area to curb the monopoly of a sole power distribution company and if so, the details thereof;

(e) whether certain conditions are imposed on other power distribution companies for grant of licence under Electricity Act, 2003 where one company is already operating; and

(f) if so, the details thereof and the reasons therefor 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) : Section 14 of the Electricity Act, 2003 allows the Appropriate Commission (State Commission) to grant licence to any person to distribute electricity as distribution licensee on application made before the Commission.

(b) : Private distribution companies are operating in the States of Maharashtra, Gujarat, Jharkhand, Odisha, West Bengal, Uttar Pradesh and Union Territory of Delhi. Based on information made available by CERC, the details of the Private distribution companies operating in these States are at Annex-I.

(c) : The State Commissions regulate the distribution companies by specifying terms and conditions of license. Further, section 57 of the Act empowers the Commission to specify standards of performance of a licensee. Under Section 59 of the Act, the licensee is required to furnish the level of performance achieved during the specified period. The same section further provides that the Appropriate Commission shall at least once in every year arrange to publish the information submitted by the licensee, in such form and manner as may be considered appropriate.

(d) : Sixth proviso to Section 14 of the Act provides that the State Commission may grant licence to two or more persons for distribution of electricity through their own distribution system within the same area. The applicant for grant of licence within the same area is required to apply with the additional requirements relating to the capital adequacy, credit worthiness or code of conduct, as may be prescribed by the Central Government.

(e) & (f) : The Government of India vide its notification dated 23rd March, 2005 notified Distribution of Electricity Licence (additional requirements of Capital Adequacy, Creditworthiness and Code of Conduct) Rules, 2005 as per the sixth proviso of section 14 of the Electricity Act, 2003 for the grant of license to two or more persons for distribution of electricity within the same area of supply. A copy of the Distribution of Electricity Licence (additional requirements of Capital Adequacy, Creditworthiness and Code of Conduct) Rules, 2005 is at Annex-II.

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ANNEX-I

ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 2208 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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	Private Distribution Companies in India	
Sr. No.	Name of Private Distribution Company	State
1	Tata Power Delhi Distribution Ltd (NDPL)	Delhi
2	BSES Yamuna Power Ltd	Delhi
3	BSES Rajdhani Power Ltd	Delhi
4	Brihanmumbai Electric Supply & Transport Undertaking	Maharashtra
5	Jamshedpur Utility & Services Company(JUSCO)	Jharkhand
6	Tata Power Co. Ltd. (TPC-D)	Maharashtra
7	Reliance Infrastructure Ltd	Maharashtra
8	CESC Ltd.	West Bengal
9	Noida Power Company Ltd.	Uttar Pradesh
10	North Eastern Supply Company Limited(NESCO)	Odisha
11	Western Electricity Supply Company Limited(WESCO).	Odisha
12	Southern Electricity Supply Company Limited(SOUTHCO).	Odisha
13	Central Electricity Supply Company Limited(CESCO).	Odisha
14	Torrent Power Ltd, Ahmedabad	Gujarat
15	Torrent Power Ltd, Surat	Gujarat

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ANNEX-II

ANNEX REFERRED TO IN REPLY TO PARTS (e) & (f) OF UNSTARRED QUESTION NO. 2208 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Government of India
Ministry of Power

New Delhi, the 23 March, 2005.

NOTIFICATION

G.S.R. 188. (E). - In exercise of the powers conferred by sub-section (1) of, and clause (b) of sub-section (2) of, section 176 of the Electricity Act, 2003 (Act 36 of 2003), the Central Government hereby makes the following rules, namely:-

1. Short title and commencement: - (1) These rules may be called the Distribution of Electricity Licence (additional requirements of Capital Adequacy, Creditworthiness and Code of Conduct) Rules, 2005.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. Definitions - In these rules, unless the context otherwise requires, -

(a) 'Act' means the Electricity Act, 2003;

(b) Words and expression used and not defined in these rules but defined in the Electricity Act, 2003 (36 of 2003), shall have the meanings respectively assigned to them in that Act.

3. Requirements of capital adequacy and creditworthiness.- (1) The Appropriate Commission shall, upon receipt of an application for grant of licence for distribution of electricity under sub-section (1) of section 15 of the Electricity Act, 2003, decide the requirement of capital investment for distribution network after hearing the applicant and keeping in view the size of the area of supply and the service obligation within that area in terms of section 43.

(2) The applicant for grant of licence shall be required to satisfy the Appropriate Commission that on a norm of 30% equity on cost of investment as determined under sub-rule (1), he including the promoters, in case the applicant is a company, would be in a position to make available resources for such equity of the project on the basis of networth and generation of internal resources of his business including of promoters in the preceding three years after excluding his other committed investments.

Explanation :- For the grant of a licence for distribution of electricity within the same area in terms of sixth proviso to section 14 of the Act, the area falling within a

Municipal Council or a Municipal Corporation as defined in the article 243(Q) of the Constitution of India or a revenue district shall be the minimum area of supply.

.....2.

4. Requirement of Code of Conduct.- The applicant for grant of licence shall satisfy the Appropriate Commission that he has not been found guilty or has not been disqualified under any of the following provisions within the last three years from the date of the application for the grant of licence:

(a) section 203, section 274, section 388B or section 397 of the Companies Act, 1956;
(b) section 276, section 276B, section 276BB, section 276C, section 277 or section 278 of the Income tax Act, 1961;
(c) section 15C, section 15G, section 15H or section 15HA of the Securities and Exchange Board of India Act 1992;
(d) clause (b), (bb), (bbb), (bbbb), (c) or (d) of sub-section (1) of section 9 of the Excise Act 1944;
(e) section 132 or section 135 of the Customs Act 1962,

and that the applicant is not a person in whose case licence was suspended under section 24 or revoked under section 19 of the Act, within the last three years from the date of application:

Provided that where the applicant is a company, it shall satisfy the Appropriate Commission in addition to provisions of this rule that no petition for winding up of the company or any other company of the same promoter has been admitted under section 443 (e) of the Companies Act, 1956 on the ground of its being unable to pay its debts.

[F.No. 23/18/2003-R&R]

Sd/-
Ajay Shankar,
Additional Secretary to the Government of India.

To
The Manager
Government of India Press
Mayapuri, New Delhi.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2231
ANSWERED ON 22.08.2013

ELECTRICITY TO BPL HOUSEHOLDS

†2231. SHRI RADHA MOHAN SINGH:
SHRI S. PAKKIRAPPA:

Will the Minister of POWER
be pleased to state:

(a) the details of the Below Poverty Line (BPL) households provided free electricity connections under the Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) during each of the last three years and the current year, State/UT-wise;

(b) whether the targets set in this regard have been achieved during the said period;

(c) if so, the details thereof and if not, the reasons therefor, State/UT-wise; and

(d) the steps being taken by the Government to provide free electricity connections to all the BPL households in the country within a fixed time frame?

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), 648 projects have been sanctioned in the country to provide free electricity connections to 2.77 crore Below Poverty Line(BPL) households. Cumulatively, as on 31.07.2013, free electricity connections to 2.11 crore BPL households have been released under RGGVY. The year-wise target and achievement of release of free electricity connections to BPL households under RGGVY during last three years and current year are as under:-

	2010-11	2011-12	2012-13	2013-14 (As 31.07.2013)
Target	47,00,000	52,00,000	36,80,000	20,00,000
Achievement	58,83,355	34,44,902	12,96,541	4,06,016

These details, State-wise, is at Annex.

Target set for the year 2010-11 has been exceeded. However, targets set for 2011-12 and 2012-13 have not been fully achieved due to following reasons:

i. Due to various bottlenecks in village electrification in the balance villages like non-availability of up-stream network in few districts of Jharkhand, delay in forest clearance in Jharkhand, Odisha, Assam etc., delay in railway clearances in Jharkhand, Bihar and Odisha, Naxal problem in Chhattisgarh, non-commissioning of sub-stations, the pace of village electrification has been slow down and consequently affected BPL household electrification.

ii. Delay in award of Phase-II projects (in Uttar Pradesh and in Bihar).

iii. Reduction in scope of coverage of villages and corresponding BPL households as they were either found already electrified or were inaccessible and, therefore, could not be electrified.

(d) : Providing free electricity connections to BPL households in remaining villages and habitations having population more than 100 is to be taken up for consideration as per the approved guidelines for 12th Plan RGGVY.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2231 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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State-wise & Year-wise target & achievement of release of free electricity connections of BPL households under RGGVY

Sr. No.	State	During 2010-11		During 2011-12		During 2012-13		During 2013-14 (as on 31.07.2013)		Cumulative achievement (as on 31.07.2013), including connection released prior to 2010-11
		Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	
1	Andhra Pradesh	85000	258751	96855	98232	0	50570	0	13771	2766614
2	Arunachal Pradesh	5000	9205	10638	11474	5507	7140	12051	14511	43297
3	Assam	265000	352237	315819	232519	343464	101260	316868	89370	997920
4	Bihar	660000	641016	717358	405736	625733	201081	277375	69162	2420077
5	Chhattisgarh	175000	196552	334460	481971	247434	64504	156036	18345	998256
6	Gujarat	95000	420126	138987	102134	70904	26729	0	4212	833759
7	Haryana	40000	90535	33139	10617	43258	19	34757	4818	199279
8	Himachal Pradesh	1000	3637	4364	5901	3199	5200	0	1095	16373
9	Jammu & Kashmir	20000	8452	19793	13413	37784	9072	26905	8311	61397
10	Jharkhand	415000	359213	466502	111597	213727	26070	152497	7998	1306823
11	Karnataka	35000	48861	72281	49604	121791	24640	24781	2602	861438
12	Kerala	0	1117	18517	0	38517	35755	45000	36977	89970
13	Madhya Pradesh	245000	211816	658498	352976	581845	244422	432311	43992	1005808
14	Maharashtra	250000	403387	150000	126317	43692	21148	41206	19572	1201452
15	Manipur	20000	4397	37976	19421	78555	37	78518	807	29658
16	Meghalaya	20000	12880	27502	30792	46929	22727	24201	4062	89557
17	Mizoram	5000	8129	8910	6236	12674	401	14858	3500	18644
18	Nagaland	10000	13434	18097	10712	41385	9048	35299	1170	38732
19	Orissa	1290000	1435007	1060424	518324	293830	78003	59073	12907	2839047
20	Punjab	20000	28890		5528	94935	26479	0	0	80404
21	Rajasthan	133000	255939	133399	85783	180713	97324	113711	12867	1153713
22	Sikkim	1000	7121	3271	2179	2119	417	2325	49	9832
23	Tamil Nadu	75000	115044	0	4083	0	-1754*	0	0	501202
24	Tripura	55000	36886	49066	22015	26520	18516	10636	11184	110686
25	Uttar Pradesh	0	15818	0	172574	0	3037	0	-2598$	1044933
26	Uttarakhand	0	19596	0	5288	0	4035	30595	0	234593
27	West Bengal	780000	925309	824144	559476	525485	220661	110997	27332	2174376
Total		4700000	5883355	5200000	3444902	3680000	1296541	2000000	406016	21127840

*Tamil Nadu have reduced their earlier reported figure of BPL by 1754 during 2012-13.

$ Uttar Pradesh have reduced figure of BPL by 2598 during 2013-14 in their closure proposals.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2235
ANSWERED ON 22.08.2013

POWER PROJECTS

†2235. SHRI TUFANI SAROJ:

Will the Minister of POWER
be pleased to state:

(a) the number of power projects functional and those under construction in the country at present, State-wise;

(b) whether there is any proposal to reduce the number of hydel power projects;

(c) if so, the details thereof and the reasons therefor; and

(d) the alternate sources of power available for meeting the shortage of power as a result thereof?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : There are 387 number of power projects having a total capacity of 1,98,034.52 MW (projects above 25 MW only) which are functional and 199 number of thermal units and 154 hydro units are under construction in the country. State-wise details are enclosed at Annex .

(b) : No, Madam.

(c) & (d) : Does not arise.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2235 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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The details of functional and under construction power projects

Sl. No	State/others	No. of Functional Projects (as on 31.07.2013)	Total capacity (in MW)	No. of Under Construction Units			
				Thermal Units	Capacity (in MW)	Hydro Units	Capacity (in MW)
1	Delhi	6	2798.4	1	250		
2	Haryana	6	6411.59				
3	Himachal Pradesh	15	4883			40	3912
4	Jammu & Kashmir	9	2559			13	1065
5	Punjab	7	3671	7	3920		
6	Rajasthan	14	8044.13	6	2410		
7	Uttar Pradesh	24	18017.74	11	6780		
8	Uttarakhand	15	3426.35			20	2196
9	Chhattisgarh	14	10498	38	17555		
10	Goa	1	48				
11	Gujarat	30	23488.31	5	1351		
12	Madhya Pradesh	17	11535	17	10570	10	400
13	Maharashtra	39	23885	36	14540	2	80
14	Andhra Pradesh	34	17483.05	16	8810	12	410
15	Karnataka	23	9479.82	3	2400		
16	Kerala	17	2649.68			4	100
17	Puducherry	1	32.5				
18	Tamil Nadu	40	12315.2	9	4360	4	45
19	Andaman Nicobar	1	40.05				
20	Bihar	3	2770	15	7330		
21	Jharkhand	6	3270	6	2180		
22	Odisha	10	8667.5	12	5495		
23	Sikkim	3	669			27	2322
24	West Bengal	18	9574	9	4370	4	160
25	Arunachal Pradesh	1	405			14	2710
26	Assam	7	952.2	5	850		
27	Manipur	2	141				
28	Meghalaya	5	332			2	40
29	Nagaland	1	75				
30	Tripura	4	595.5	3	464.4		
31	Mizoram					2	60
32	Others (DVC)	9	6433.2				
33	Others (BBMB)	5	2884.3				
	Total	387	198034.52	199	93635.4	154	13500

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2242
ANSWERED ON 22.08.2013

MODERNISATION OF POWER PLANTS

2242. SHRI S. ALAGIRI:
SHRI JAYARAM PANGI:

Will the Minister of POWER
be pleased to state:

(a) the details of the works undertaken regarding renovation, modernization and life extension of old and inefficient power generation units including the thermal power plants during the last three years and the current year, plant/unit-wise;

(b) the details of such projects on which work has not been completed on time along with the reasons for delay, project-wise;

(c) the details of the increase in the Plant Load Factor (PLF) of the power plants during the said period due to the renovation and modernization works;

(d) whether any responsibility has been fixed against the erring officers responsible for delay in completion of such works; 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) : As reported by Central Electricity Authority (CEA) the details of the works undertaken regarding Renovation and Modernization (R&M)/Life Extension (LE) of old and inefficient power generation units including the thermal power plants during the last three years and the current year, plant/unit wise is annexed (Annex–I).

(b): The details of Hydro and Thermal power plants unit-wise on which work has not been completed on time along with the reasons for delay is annexed (Annex-II).

(c) : The R&M works of thermal power plants is mostly focused on addressing issues of sustenance of current performance levels, removal of technological obsolescence of equipments/components, generic defects compliance to statutory/environmental norms, etc. The life extension (LE) works on the other hand focuses on plant operation beyond their original design life after carrying out specific life assessment studies of critical components. Although R&M and LE works are not essentially aimed to increasing Plant Load Factor (PLF), increase in PLF has been achieved in some units after completion of LE works. Details Annexed (Annex-III).

(d) & (e) : Renovation and Modernization (R&M) and Life Extension (LE) works are taken up for increasing power generation capacity of old thermal power plants by various State and Central Power Utilities depending on their requirement. It is the joint responsibility of concerned utility and the equipment supplier/executing agency for completion of project in time.

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ANNEX-I

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2242 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Details of Hydro/Thermal Power Plants renovated during last three years and current year

Sl. No.	Name of Utility	Name of Station	Unit No.	Capacity (MW)
1	BBMB	Dehar Phase - I	1 to 6	990
2	KPCL	Linganamakki	1 & 2	55
3	MSPGCL	Koyna, Stage - III	1 to 4	320
4	NHPC	Loktak	1 to 3	90
5	MeSEB	Umimum	1&2	18
6	OHPC	Rengali	1	50
7	APGENCO	Nagarjuna	1 to 8	815.6
8	KSEB	Idamalayar	1 & 2	75
9	HEP	Rengali	2	50
10	PSPCL, Punjab	Bathinda TPS	3	110
11	UPRVUNL, Uttar Pradesh	Obra TPS	9	200
12		Parichha TPS	2	110
13	MPPGCL, Madhya Pradesh	Amarkantak Extn.	1	120
14			2	120
15	KBUNL, Bihar	Muzaffarpur TPS	1	110
16	NTPC	Kawas, CCPP	GT - 2	106
17	IPGCL, Delhi	Rajghat TPS	1	67.5
18			2	67.5
19	UPRVUNL, Uttar Pradesh	Anpara 'A', TPS	1	210
20			2	210
21			3	210
22	JSEB, Jharkhand	Patratu TPS	10	110
23	DPL, West Bengal	Durgapur TPS	6	110
24	NTPC	Tanda TPS	2	110
25			4	110

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ANNEX-II

ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 2242 ANSWERED IN THE LOK SABHA ON 22.08.2013.

****

Details of Hydro R&M schemes not been completed on time during last three years and current year along with reasons for delay

Sl. No.	Project Name	Scheduled Completion	Actual Completion	Reasons for Delay
1.	Bassi, HPSEB (4x16.5)	2011-12	2013-14	Additional works undertaken.
2.	Lower Sileru, APGENCO (4x115)	2011-12	2013-14	Non-availability of shut-down by generating utility.
3.	Nagarjuna Sagar, APGENCO (1x110+7x100.8)	2011-12	2012-13	Non-availability of shut-down by generating utility.
4.	Nagjhari Unit 1 to 6, KPCL (6x135)	2011-12	2014-15	Additional works undertaken.
5.	Rengali Unit-2, OHPC (1x50)	2012-13	2013-14	Delay of one month by BHEL, the executing agency as completion shifted from March, 2013 to April, 2013.
6.	Lower Jhelum, J&KPDC (3x35)	2012-13	2013-14	Non-availability of shut-down by generating utility.
7.	Sumbal Sindh, J&KPDC (2x11.3)	2012-13	2013-14	Additional works undertaken.
8.	Srisailam RB, APGENCO (7x110)	2012-13	2013-14	Non-availability of shut-down by generating utility.
9.	Sabirigiri, KSEB (1x60)	2012-13	2013-14	Delay in completion by the executing agency, M/s PDL Power Systems, Bangalore.
10.	Jaldhaka St.I, WBSEB (3x9)	2012-13	2013-14	Law & order problem in adjoining area.

Details of Thermal power plants utility/ unit wise on which LE works has not been completed on time along with reasons for delay.

A. State Sector					
Sl. No.	Name of Utility	Name of Station	Unit No.	Cap. (MW)	Reasons for delay
1	UPRVUNL	Obra	10	200	BHEL is the executing agency. Unit was taken under shut down (S/d) for LE w.e.f 23.3.2012. The scope of supply and services for turbine has been revised for name plate rating i.e. 200 MW in place of 216 MW at revised total contract price for unit 10 to 13 at 1145.76 Crore. The revised zero date is 25.3.2013.
2			11	200	
3			12	200	
4			13	200	
5		Harduaganj	7	110	BHEL is the executing agency. Unit under S/d for LE since 05.03.2011. Delay in supply of materials, spares and equipments and slow execution of works.
6	PSPCL	Bathinda	4	110	The work order for LE works was issued to BHEL on 14.11.2006. LE works of U-4 started on 05.11.2011. Delay in supply of materials, spares and equipments and slow execution of works.
7	WBPDCL	Bandel	5	210	World Bank funded Pilot Project. Contract for BTG pkg. awarded to M/s DHIC and signed on 29.2.2012. Delay in placement of order.
8	BSEB	Barauni	6	110	BHEL is executing agency. LOA awarded on 15.02.2010. LE Works is in progress. Delay in supply of materials, spares and equipments and slow execution of works.
9			7	110	
10	KBUNL	Muzaffarpur	2	110	BHEL is executing agency. Delay in supply of materials, spares and equipments and slow execution of works.
Total of State Sector LE (A)			10	1560	

B. Central Sector

(i) Coal Fired

Sl. No.	Name of Utility	Name of Station	Unit No.	Cap. (MW)	Reasons for delay
1	NTPC	Badarpur	4	210	Major work in Switchyard completed.
2			5	210	ESP renovation in progress. For main plant package, delay is due to re-tendering due to poor response from Vendors.
3		Singrauli STPS	1	200	Delay in finalization of scheme and obtaining financial approval.
4			2	200	
5		Korba STPS	1	200	Delay in finalization of scheme and obtaining financial approval.
6		Ramagundam	1	200	Delay in finalization of scheme and obtaining financial approval.
	Total of (i)		6	1220	

(ii) Gas Fired

7	NTPC	Dadri GT	1	131	Delay in finalization of scheme and obtaining financial approval.
8			2	131	
9			3	131	
10		Auraiya GT	1	111.19	Delay in finalization of scheme and obtaining financial approval.
11			2	111.19	
12			3	111.19	
13		Kawas GT	1	106	Delay in finalization of scheme and obtaining financial approval.
14			3	106	
15		Gandhar GT	1	131	Delay in finalization of scheme and obtaining financial approval.
16			2	131	
Total of (ii)			10	1200.57	
Total Central Sector LE (B)			16	2421	
Grand Total LE (A+B)			26	3981	

DETAILS OF THERMAL POWER PLANTS UTILITY / UNIT WISE ON WHICH R&M WORKS HAS NOT BEEN COMPLETED ON TIME ALONG WITH REASONS FOR DELAY.

A. State Sector

Sl. No.	Name of Utility	Name of Station	Unit No.	Cap. (MW)	Reasons for delay
1	UPRVUNL	Anpara'B	4	500	R&M works is being executed by M/s BHEL & M/s MITSUI, Japan. Loan agreement to Rs. 553.576 Crore has been finalised with PFC. Delay in placement of order.
2			5	500	
3		Obra	7	100	Executing agency is BHEL S/d since 01.07.2010. Delay in supply of materials, spares and equipments and slow execution of works.
4	JSEB	Patratu	9	110	Unit was under s/d from 5.8.2006 due to fire incident. Executing agency is BHEL. Delay in supply of materials, spares and equipments and slow execution of works.
Total of State Sector R&M (A)			4	1210	

B. Central Sector

Sl. No.	Name of Utility	Name of Station	Unit No.	Cap. (MW)	Reasons for delay
1	NTPC	NCTPP, Dadri	1	210	Delay in finalization of scheme and obtaining financial approval.
2			2	210	
3			3	210	
4			4	210	
5		Farakka Stg-II	4	500	Delay in finalization of scheme and obtaining financial approval.
6			5	500	
7		Kahalgaon	1	210	Delay in finalization of scheme and obtaining financial approval.
8			2	210	
9			3	210	
Total Central Sector R&M (B)			9	2470	
Grand Total of R&M (A+B)			13	3680	

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ANNEX-III

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2242 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Sl. No.	Name of Utility	Name of Station	Unit No.	Capacity (MW)	PLF (%)	
					Before LE	After LE
1	PSPCL, Punjab	Bathinda TPS	3	110	70	80
2	UPRVUNL, Uttar Pradesh	Obra TPS	9	200	50	80
3		Parichha TPS	2	110	40	63
4	MPPGCL, Madhya Pradesh	Amarkantak Extn.	1	120	48	57.3
5			2	120	48	62.5
6	KBUNL, Bihar	Muzaffarpur TPS	1	110	0	Commissioned in July,2013, Full load achieved.
7	NTPC	Kawas, CCPP	GT - 2	106	Generation depends on availability of Gas	
	Total LE		07	876		

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2249
ANSWERED ON 22.08.2013

LOWER SUBANSIRI HYDRO ELECTRIC PROJECT

2249. SHRIMATI BIJOYA CHAKRAVARTY:
SHRI RAJEN GOHAIN:

Will the Minister of POWER
be pleased to state:

(a) whether the Government is considering to review the construction of Lower Subansiri Hydro Electric Project in Arunachal Pradesh;

(b) if so, the details thereof;

(c) the present status of its construction and the progress made in this regard so far;

(d) whether the Government proposes to re-design the dam in view of the recent havoc caused by the cloud burst in Uttarakhand and widespread protests of the people of Assam due to dangers of the dam; 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) : No, Madam.

(b) : Does not arise.

(c) : The works of the Project are at a stand still since 16.12.2011 due to agitation/protest by various organisations of Assam. The progress made so far is at Annex.

(d) & (e) : The Government has, inter-alia, directed NHPC to make necessary changes in some of the features of the dam etc., as recommended by the Dam Design Review Panel constituted for the purpose.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2249 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Progress of works in Lower Subansiri HEP (2000 MW)

Civil Works : Dam Concreting: 53% completed. Power House Concreting: 41% completed. Head Race Tunnel Heading, Benching & Overt Lining: 99%, 60% and 45% completed respectively. Surge Tunnel Heading Excavation: 88% completed.

Hydro Mechanical Works: Erection of Diversion Tunnel Gates: 23% completed. Erection of Intake-5: 2% completed. Erection of Intake-7 and 8: 20% completed each. Pressure Shaft Steel Liner: 13% completed.

Electrical and Mechanical Works: Unit-I: Turbine Stay Ring and Spiral Case erection completed.

Unit-2: Turbine Stay Ring and Spiral Case erection completed.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2255
ANSWERED ON 22.08.2013

ELECTRIFICATION NEAR NTPC PROJECTS

†2255. SHRI GHANSHYAM ANURAGI:

Will the Minister of POWER
be pleased to state:

(a) whether any scheme has been formulated by the Government regarding electrification of areas adjacent to the power projects of National Thermal Power Corporation Limited (NTPC);

(b) if so, the details thereof; and

(c) the time by which the adjacent areas of NTPC power projects are likely to be electrified?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Government of India introduced on 27.04.2010, a scheme for provision of supply of electricity in 5 KM area around Central Power Plants including National Thermal Power Corporation Limited (NTPC), which has been withdrawn w.e.f. 25.03.2013.

(b) & (c) : As per the Scheme, NTPC had awarded the work of its stations, namely Kahalgaon (Bihar), Talchar Super and Talcher Thermal (Odisha), Unchahar, Tanda, Singrauli and Rihand (Uttar Pradesh) and Vindhyachal (Madhya Pradesh) where the work is in progress and the projects are scheduled to be completed by March, 2014.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2272
ANSWERED ON 22.08.2013

MODERNISATION OF SEBs

2272. SHRIMATI ANNU TANDON:

Will the Minister of POWER be pleased to state:

(a) whether the Government proposes to involve the private sector for modernising the infrastructure of the State Electricity Boards (SEBs) in order to reduce the Transmission and Distribution losses; and

(b) 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) : 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 quality power to consumers in a reliable manner.

Electricity distribution is a licensed activity and the Electricity Act, 2003 provides the enabling framework to facilitate the private sector participation in distribution of electricity with the aim of introducing competition in the sector and achieve efficiency in operation.

Reorganization of the SEBs into independent entities of generation, transmission and distribution has been mandated by the Electricity Act, 2003. State Government are free to adopt the mode of participation of private players best suited to them. Ministry of Power has been assisting the States by providing model bidding documents for private participation from time to time.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2282
ANSWERED ON 22.08.2013

CLEARANCE FOR HYDEL POWER PROJECTS

2282. SHRI B.B. PATIL:
SHRI N.S.V. CHITTHAN:
SHRI EKNATH M. GAIKWAD:
SHRI ASADUDDIN OWAISI:
SHRI ANAND PRAKASH PARANJPE:

Will the Minister of POWER
be pleased to state:

(a) the details of the hydel power projects pending due to environmental and forest clearance, State-wise;

(b) whether the Cabinet Committee on Investment had recently considered such pending hydel power projects and if so, the details and the outcome thereof;

(c) whether Ministry had also taken up the matter with the Ministry of Environment and Forests and if so the details thereof and the response of that Ministry thereto;

(d) whether the association of power producers have represented in this regard and if so, the details thereof including the steps taken/being taken by the Government to address the issue; and

(e) the steps taken/being taken by the Government to expedite the commissioning of hydel 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) : Nineteen hydro-electric projects (HEP), which have been accorded concurrence by Central Electricity Authority (CEA), are pending for environmental and forest clearances. The State-wise details of these projects are attached at Annex.

(b) : The Cabinet Committee on Investment in its meeting held on 31.07.2013 has directed the Ministry of Defence to accord “No Objection Certificate” to the Etalin HEP in Arunachal Pradesh.

(c) & (d) : The issues relating to environment and forest clearances to hydro projects including the requests of Association of Power Producers have been taken up by Ministry of Power with Ministry of Environment and Forests (MoEF). As a result, several issues such as including clearance to projects, Terms of Reference requirements for Environment Clearances, conduct of Basin and Cumulative Impact Assessment studies, etc. have been clarified/resolved. Further clearances to specific Projects have also been obtained.

(e) : The Government has taken several steps to expedite commissioning of Hydel Projects in the country which inter alia include review of projects by Central Electricity Authority and the Power Projects Monitoring Panel of the Ministry of Power, the Task Force on Hydro Power Development, Inter-Ministerial Consultation with Ministry of Water Resources, Ministry of Defence, Border Road Organization, Ministry of DONER, etc.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2282 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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LIST OF HYDEL POWER PROJECTS CONCURRED BY CEA & PENDING DUE TO ENVIRONMENT AND/OR FOREST CLEARANCE

S. No.	Name of the Project	State	Installed Capacity (MW)	Requiring Environment Clearance (EC) / Forest Clearance (FC)
1	Dibbin	Ar Pradesh	2x60=120	FC
2	Nyamjangchhu	Ar Pradesh	6x130=780	FC
3	Tawang-I	Ar Pradesh	3x200=600	FC
4	Tawang-II	Ar Pradesh	4x200=800	FC
5	Tato-II	Ar Pradesh	4x175=700	FC
6	Dibang	Ar Pradesh	12x250=3000	EC and FC
7	Lower Siang	Ar Pradesh	9x300=2700	EC and FC
8	Hirong	Ar Pradesh	4x125=500	EC and FC
9	Etalin	Ar Pradesh	10x307+1x19.6 +1x7.4 =3097	EC and FC
10	Talong Londa	Ar Pradesh	3x75=225	EC and FC
11	Naying	Ar Pradesh	4x250=1000	EC and FC
12	Matnar	Chhattisgarh	3x20=60	EC and FC
13	Miyar	Himachal Pradesh	3x40=120	FC
14	Gundia	Karnataka	1x200=200	EC and FC
15	Tipaimukh	Manipur	6x250=1500	FC
16	Kolodyne-II	Mizoram	4x115=460	EC and FC
17	Teesta Stage-IV	Sikkim	4x130=520	EC
18	Vyasi	Uttarakhand	2x60=120	FC
19	Devasari	Uttarakhand	3x84=252	EC and FC
	Total (19 Nos.)		16754	

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2283
ANSWERED ON 22.08.2013

IMPLEMENTATION OF ELECTRICITY ACT, 2003

†2283. SHRI RAJIV RANJAN SINGH *ALIAS* LALAN SINGH:
SHRI ANANTKUMAR HEGDE:

Will the Minister of POWER
be pleased to state:

(a) whether the Electricity Act, 2003 was enacted to bring improvement in the power sector;

(b) if so, the details thereof;

(c) whether after enactment of the same, the availability of power as well as power tariffs have increased in the country;

(d) if so, the quantum of power available as well as the power tariffs at present *vis-a-vis* the year 2003; and

(e) the details of the households having electricity at present as compared to the year 2003?

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. The Electricity Act, 2003 has consolidated the laws relating to the generation, transmission, distribution, trading and use of electricity and generally for taking measures conducive to the development of electricity industry promoting competition therein, protecting interest of consumers and supply of electricity to all areas, rationalization of electricity tariff and for matters connected therewith and incidental thereto.

.....2.

(c) & (d): The generation from Central, State and private sector in the country has increased more than 70% since 2002-03. The actual generation has been as under:

(Figure in MU)

YEAR	2002-03	2012-13
CENTRAL	212931	375970.33
STATE	272778	347153.72
PRIVATE	45898	184138.15
BHUTAN Import		4797.5
TOTAL	531607	912056.7

The information relating to average cost of supply made available by Central Electricity Authority is given in Annex.

(e) : As per census 2001, the total number of rural households in the country were 13.82 crore. Out of these 6.01 crore rural households were electrified and 7.80 crore rural households were to be provided access to electricity.

Government of India launched 'Rajiv Gandhi Grameen Vidyutikaran Yojana – Programme for creation of Rural Electricity Infrastructure & Household Electrification in April 2005 for providing access to electricity to rural households. Cumulatively, as on 31.7.2013, against the coverage of release of free electricity connections to 2.77 crore BPL households, free electricity connection to 2.11 crore BPL households (76%) have been provided under the scheme.

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ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (c) & (d) OF UNSTARRED QUESTION NO. 2283 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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Increase in Average Cost of Supply (ACS) in 2003 -04 to 2011-12 for Utilities Directly selling to Consumers

Region / State	Utility	2003-04 ACS	2011-12 ACS	Increase in ACS (in Ruppes)
EASTERN REGION				
Bihar	BSEB	3.62	5.89	2.27
Jharkhand	JSEB	3.24	6.40	3.17
Orissa	CESCO	1.94	3.34	1.39
	NESCO	1.83	3.53	1.70
	SESCO	2.27	2.45	0.17
	WESCO	1.96	3.36	1.40
Sikkim	Sikkim PD	1.10	1.15	0.05
West Bengal	WBSEB	2.45	NA	2.02
	WBSEDCL	NA	4.47	
North Eastern Region				
Arunachal Pradesh	Arunachal PD	2.83	5.52	2.69
Assam	ASEB	4.68	NA	
	CAEDCL	NA	NA	
	LAEDCL	NA	NA	
	UAEDCL	NA	NA	
	APDCL	NA	4.64	(0.04)
Manipur	Manipur PD	3.29	6.88	3.59
Meghalaya	MeSEB	1.24	NA	
	MeECL	NA	4.30	3.06
Mizoram	Mizoram PD	2.46	5.64	3.18
Nagaland	Nagaland PD	7.15	5.52	(1.62)
Tripura	Tripura	2.94		
	Tripura	NA	4.39	1.45
Northern Region				
Delhi	BSES Rajdhani	2.13	5.69	3.56
	BSES Yamuna	1.82	5.79	3.97
	NDPL	2.19	5.02	2.84
Haryana	DHBVNL	2.21	4.41	2.20
	UHBVNL	2.40	4.93	2.53
Himachal Pradesh	HPSEB	2.08		
	HPSEB Ltd.	NA	4.53	2.45
Jammu & Kashmir	J&K PDD	2.24	4.03	1.79
Punjab	PSEB	2.25	NA	
	PSPCL	NA	3.97	1.72
Rajasthan	AVVNL	2.59	8.35	5.76
	JDVVNL	2.63	6.66	4.03
	JVVNL	2.68	6.04	3.36

Uttar Pradesh	DVVN	1.34	3.67	2.32
	KESCO	2.66	4.55	1.90
	MVVN	1.52	3.80	2.29
	Pash VVN	1.99	3.46	1.47
	Poorv VVN	1.46	3.88	2.42
Uttarakhand	Ut PCL	NA	3.47	NA
Southern Region				
Andhra Pradesh	APCPDCL	2.53	4.07	1.54
	APEPDCL	2.49	4.24	1.75
	APNPDCL	2.04	4.06	2.02
	APSPDCL	2.41	4.28	1.87
Karnataka	BESCOM	2.49	3.75	1.25
	CHESCOM	NA	3.88	NA
	GESCOM	2.57	3.67	1.10
	HESCOM	2.64	3.85	1.21
	MESCOM	2.70	4.18	1.47
Kerala	KSEB	3.19	3.96	0.76
Puducherry	Puducherry PD	1.97	3.18	1.21
Tamil Nadu	TNEB	2.73	NA	
	TANGEDCO	NA	5.40	2.67
Western Region				
Chattisgarh	CSEB	2.09	NA	
	CSPDCL	NA	3.10	1.01
Goa	Goa PD	1.51	3.11	1.60
Gujarat	GEB	2.76	NA	
	DGVCL	NA	4.60	1.84
	MGVCL	NA	4.08	1.32
	PGVCL	NA	3.27	0.51
	UGVCL	NA	3.52	0.76
Madhya Pradesh	MPSEB	2.23	NA	
	MP Madhya Kshetra VVCL	NA	3.84	1.61
	MP Paschim Kshetra VVCL	NA	3.45	1.22
	MP Purv Kshetra VVCL	NA	4.36	2.13
Maharashtra	MSEB	2.18	NA	
	MSEDCL	NA	4.14	1.96

Note:

1. Utility formed after 2003-04, Increase in ACS compared with the State Power Utility working in 2003-04.
2. Source : PFC report's data.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2288
ANSWERED ON 22.08.2013

SUPPLY OF COAL TO POWER PLANTS

2288. SHRI DHANANJAY SINGH:
SHRIMATI SUPRIYA SULE:
SHRI NAMA NAGESWARA RAO:
SHRI VILAS MUTTEMWAR:
DR. SANJEEV GANESH NAIK:
SHRI MODUGULA VENUGOPALA REDDY:

Will the Minister of POWER
be pleased to state:

(a) whether the Government has allowed the power generation companies to directly import coal to meet the shortage in the power plants;

(b) if so, the details thereof and the reasons therefor along with the price of imported coal *vis-a-vis* the domestic coal;

(c) whether the higher cost of power generated from the imported coal will be passed on to the consumers and if so, the details thereof along with the steps being taken by the Government to protect the consumers;

(d) the quantum of coal imported for power generation along with the cost incurred for the same during each of the last three years and the current year;

(e) whether a high level committee was constituted to ensure regular and uninterrupted supply of coal to the power projects; and

(f) if so, the details thereof along with the reasons for failing to supply coal to the power projects as per their demand?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a), (b) & (d) : Yes, Madam. As against the total domestic coal requirement of 516 Million Tonne (MT) for the year 2013-14, availability of domestic coal assured from CIL, SCCL and Captive Mines is 441 MT, leaving a shortfall of 75 MT. In order to meet this shortfall of 75 MT domestic coal, Power Utilities have been advised to import 50 MT of imported coal as per the equivalent Gross Calorific Value (CGV) of the imported coal.

The details of quantum of coal imported by power utilities during the last three years and current year upto July, 2013 are given below :

Years	Total coal imported (MT)
2010-11	30.5
2011-12	45.2
2012-13	63.2
2013-14 (Upto July, 2013)	30.2

Price of imported coal depends on various factors such as inter-alia, heat value, moisture content, ash content, source of origin, ocean freight etc. and varies from week to week. The price of domestic coal also varies from mine to mine depending upon grade / GCV value of coal.

(c) : Cost of the fuel including that of the imported coal is considered by the appropriate commission at the time of determination of tariff which takes into account the interest of all stakeholders including that of consumers.

(e) to (f) : In order to meet the shortfall in domestic coal requirement of Thermal Power Projects (TPPs) to be commissioned during 12th Plan (upto 31.03.2015), in the Cabinet Committee on Economic Affairs (CCEA) meeting held on 21st June, 2013, among other decisions the following were also decided :

(i) Coal India Ltd. (CIL) to sign Fuel Supply Agreement (FSA) for a total capacity of 78,000 MW including cases of tapering linkage, which are likely to be commissioned by 31.03.2015. Actual coal supplies would, however, commence when long term Power Purchase Agreements (PPAs) are tied up.

(ii) Taking into account the overall domestic availability and actual requirements, FSAs would be signed for domestic coal quantity of 65%, 65%, 67% and 75% of Annual Contracted Quantity (ACQ) for the remaining four years of the 12th Five Year Plan.

(iii) To meet its balance FSA obligations, CIL may import coal and supply the same to the willing Thermal Power Plants (TPPs) on cost plus basis. TPPS may also import coal themselves. Ministry of Coal to issue suitable instructions.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2299
ANSWERED ON 22.08.2013

GAS BASED POWER PROJECTS

2299. DR. KIRIT PREMJIBHAI SOLANKI:
SHRI KALIKESH N. SINGH DEO:
SHRI M.B. RAJESH:
SHRI KUNVARJIBHAI M. BAVALIYA:

Will the Minister of POWER
be pleased to state:

(a) the details of based power projects operational in the country, the requirement of gas to operate them at full load, their installed capacity and the actual power generated from these plants during the last three years and the current year, plant and State-wise;

(b) the likely impact of hike in natural gas price on power generation on the power producers as well as the consumers along with the steps being taken by the Government to safeguard their interests, separately for both producers and consumers;

(c) the quantum of indigenous natural gas and long term contracted RLNG available for power generation at present;

(d) the capacity of gas based power projects lying idle at present in the country due to shortage of gas along with the steps being taken by the Government to overcome this shortage and augment their power generation capacity; and

(e) whether the Union Government is planning to operate certain gas based power projects only during the peak demand of electricity and if so, the details thereof and 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) : The details of gas based power projects operational (as on 31.07.2013) in the country with their installed capacity and the actual power generated from these plants during the last three years and the current year, State-wise and plant wise is at Annex.

The gas requirement for above gas based power projects at 70/75% PLF (as decided by EGOM for non Andhra/Andhra Power plants) is around 72 MMSCMD.

(b) : Recently, Government has taken a decision to hike the price of domestic gas (effective from 01.04.2014) based on the recommendation of Rangarajan Committee. Ministry of Power had submitted its views that a base price of domestic gas beyond 5$/MMBTU may be unviable for the power sector in the present context and had urged that even though the decision to raise the price of natural gas might be necessary keeping in view the investment considerations, certain dispensation for a critical sector such as power should be evaluated to enable this sector to continue to offtake natural gas for power generation at a viable level.

(c) : The quantum of indigenous natural gas supplied in the month of June, 2013 was around 24.30 MMSCMD and long term contracted RLNG gas was around 1.98 MMSCMD.

(d) : Due to non availability of adequate gas in the country, existing gas based power plants totaling to 2978.6 MW are idle at present.

Government is making efforts for additional availability of gas to power plants and taking steps to increase domestic production of gas in the country and facilitating import of RLNG.

(e) : There is no such proposal as of now.

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ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2299 ANSWERED IN THE LOK SABHA ON 22.08.2013.

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State wise and Plant wise generation of Natural gas and Liquid fuel based stations for last three years and current year

Sl. NO.	FUEL	STATE	NAME OF THE STATION	Monitored Capacity as on 31.07.2013	Actual Gen in MU			
					2013-14 (Apr-July 13)*	2012-13	2011-12	2010-11
	NATURAL GAS							
		ANDHRA PRADESH						
1			GAUTAMI CCPP	464	0	997.36	2898.67	3331.07
2			GMR Energy Ltd - Kakinada	220	0	393.39	1200.03	
3			GODAVARI CCPP	208	329.49	1032.98	1282.46	1464.36
4			JEGURUPADU CCPP	455.4	324.51	1689.04	2833.49	3094.23
5			KONASEEMA CCPP	445	1.54	914.92	2266.22	2350.49
6			KONDAPALLI EXTN CCPP .	366	0	661.51	2203.54	2043.68
7			KONDAPALLI CCPP	350	542.01	1768.38	2030.94	2133.77
8			PEDDAPURAM CCPP	220	174.23	713.2	1318.82	1427.37
9			VEMAGIRI CCPP	370	177.51	960.77	2066.81	2815.56
10			VIJESWARAN CCPP	272	373.98	1168.17		
		ANDHRA PRADESH Total		3370.4	1923.27	10299.72	18100.98	18660.53
		ASSAM						
11			KATHALGURI CCPP	291	608.68	1680.33	1765.17	1833.87
12			LAKWA GT	157.2	293.81	886.13	771.99	766.25
13			NAMRUP CCPP	95	144.08	492.94	565.73	508.73
14			NAMRUP ST	24	28.99	40.27	0	21.08
		ASSAM Total		567.2	1075.56	3099.67	3102.89	3129.93
		DELHI						
15			I.P.CCPP	270	428.62	1308.21	1243.72	1368.32
16			PRAGATI CCGT-III	1250	352.31	1437.14	331.38	6.09
17			PRAGATI CCPP	330.4	802.57	2508.35	2560.05	2335.78
18			RITHALA CCPP	108	0.22	138.82	241.83	88.8
		DELHI Total		1958.4	1583.72	5392.52	4376.98	3798.99
		GUJARAT						
19			BARODA CCPP	160	68.68	377.17	668.74	843.55
20			DHUVARAN CCPP	218.62	59.9	849.8	1008.7	891.38
21			ESSAR CCPP	515	0	481.47	135.89	1443.7
22			GANDHAR CCPP	657.39	697.32	3478.6	3684.07	4058.06
23			GIPCL. GT IMP	0	71.95	216.16	241.59	260.25
24			HAZIRA CCPP	156.1	119.75	701.27	907.62	1022.81
25			HAZIRA CCPP EXT	351	0	4.44	132.83	0
26			KAWAS CCPP	656.2	607.16	2900.99	3638.4	3882.14
27			PEGUTHAN CCPP	655	158.52	1405.8	3067.07	3667.45
28			PIPAVAV CCPP	351	0	0	0	
29			SUGEN CCPP	1147.5	761.36	4119.87	7592.16	8216.99
30			UNOSUGEN CCPP	382.5	2.16	144.84		
31			UTRAN CCPP	518	8.25	954.77	2987.98	2947.22
32			VATWA CCPP	100	0	125.19	459.26	670.53
		GUJARAT Total		5868.31	2555.05	15760.37	24524.31	27904.08
		HARYANA						
33			FARIDABAD CCPP	431.59	565.81	2402.85	3067.72	3155.4
		HARYANA Total		431.59	565.81	2402.85	3067.72	3155.4
		KARNATAKA						
34			GMR Energy Ltd - Kakinada(shifted)					960.49
		KARNATAKA Total						960.49

		MAHARASHTRA						
35			RATNAGIRI CCPP	1967	1411.47	5127.36	11619.08	11876.85
36			TROMBAY CCPP	180	517.38	1596.58	1567.9	1568.79
37			URAN CCPP	672	1248.4	3741.07	4668.78	5587.39
		MAHARASHTRA Total		2819	3177.25	10465.01	17855.76	19033.03
		PUDUCHERRY						
38			KARAIKAL CCPP	32.5	87.06	230.76	251.46	195.45
		PUDUCHERRY Total		32.5	87.06	230.76	251.46	195.45
		RAJASTHAN						
39			ANTA CCPP	419.33	629.36	2176.45	2694.6	2487.9
40			DHOLPUR CCPP	330	341.34	1162.69	2253.77	1994.87
41			RAMGARH CCPP	223.8	225.79	497.89	536.79	301.13
		RAJASTHAN Total		973.13	1196.49	3837.03	5485.16	4783.9
		TAMIL NADU						
42			KARUPPUR CCPP	119.8	206.69	881.96	797.1	820.38
43			KOVIKALPAL CCPP	107	192.55	726.74	705.75	663.76
44			KUTTALAM CCPP	100	185.78	55.84	413.29	172.58
45			P.NALLUR CCPP	330.5	302.04	1817.92	1526.19	2494.06
46			VALANTARVY CCPP	52.8	113	380.42	377.51	370.17
47			VALUTHUR CCPP	186.2	306.22	937.31	1114.56	547.67
		TAMIL NADU Total		896.3	1306.28	4800.19	4934.4	5068.62
		TRIPURA						
48			AGARTALA GT	84	212.56	632.73	666.12	644.1
49			BARAMURA GT	58.5	76.83	347.37	357.62	225.82
50			ROKHIA GT	90	128.62	416.47	419.1	443.5
51			TRIPURA CCPP	363	118.48	28.39		
		TRIPURA Total		595.5	536.49	1424.96	1442.84	1313.42
		UTTAR PRADESH						
52			AURAIYA CCPP	663.36	710.24	2774.82	3878.62	4369.34
53			DADRI CCPP	829.78	1117.19	4417.58	5376.07	5399.88
		UTTAR PRADESH Total		1493.14	1827.43	7192.4	9254.69	9769.22
	NATURAL GAS Total			19005.47	15834.41	64905.48	92397.19	97773.06

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