

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.347
TO BE ANSWERED ON 21.03.2013

GRANT OF LICENCE UNDER ELECTRICITY ACT, 2003

†*347. SHRI PRATAPRAO GANPATRAO JADHAO:
SHRIMATI RAMA DEVI:

Will the Minister of POWER
be pleased to state:

- (a) whether as per the Electricity Act, 2003 only one licensee is allowed in one particular area for distribution of electricity;
- (b) if so, the details thereof including the manner in which a competitive environment could be created for the purpose;
- (c) whether the existing provision affects the interests of the consumer; and
- (d) if so, the corrective steps 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) to (d) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 347 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING GRANT OF LICENCE UNDER ELECTRICITY ACT, 2003.

(a) & (b): No, Madam. As per the Electricity Act, 2003, more than one licensee is allowed in one particular area for distribution of electricity as per the sixth proviso to section 14 of the Electricity Act, 2003, which is given at Annexure.

(c) & (d) : The provisions of the Electricity Act, 2003, inter-alia, are aimed at development of electricity industry in general and promotion of competition therein and protection of consumers interest. Government of India has framed National Electricity Policy (NEP) and Tariff Policy in furtherance of the provisions of the Electricity Act, 2003 to meet these objectives which include protection of consumers interest.

ANNEX

ANNEX REFERRED TO IN PARTS (a) & (b) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 347 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING GRANT OF LICENCE UNDER ELECTRICITY ACT, 2003.

EXTRACT FROM SECTION 14 OF ELECTRICITY ACT, 2003

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

(b)to distribute electricity as a distribution licensee;

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

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.351
TO BE ANSWERED ON 21.03.2013

INTER-REGIONAL TRANSMISSION CORRIDORS

*351. SHRI PRADEEP KUMAR SINGH:
SHRI BALKRISHNA K. SHUKLA:

Will the Minister of POWER
be pleased to state:

- (a) whether the Government has set up any Power System Development Fund (PSDF) for establishment of inter-regional transmission corridors;
- (b) if so, the details thereof along with the manner in which the Government is using/proposes to use the accumulated funds under PSDF;
- (c) the details of the proposals of the Government for setting up of power transmission projects/inter-regional transmission corridors across the country along with the quantum of funds to be invested/proposed to be invested therein and their scheduled commissioning, project and State-wise; and
- (d) the steps taken/being taken by the Government for providing the surplus power of some States to the power deficit States?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 351 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING INTER-REGIONAL TRANSMISSION CORRIDORS.

(a) & (b): Central Electricity Regulatory Commission (CERC) has specified regulations, namely Central Electricity Regulatory Commission (Power System Development Fund) Regulations, 2010 and constituted a fund called the "Power System Development Fund".

As per the provisions of various regulations issued by the Commission, there are provisions of "Congestion Charge Account" in the Central Electricity Regulatory Commission (Measures to relieve congestion in real time operation) Regulations, 2009, "Unscheduled Interchange Pool Account Fund" in the Central Electricity Regulatory Commission (Unscheduled Interchange Charges and related matters) Regulations, 2009 and "Reactive Energy Charges Account" in the Indian Electricity Grid Code, 2006, specified by the Commission. The relevant regulations provide that accounts of these regulatory funds may be maintained by any other entity as the Commission may, by notification direct from time to time. These accounts were being maintained and operated by the Regional Load Despatch Centres (RLDC). Power System Development Fund (PSDF) has been conceived to put together the surplus available in these regulatory accounts.

As per CERC (Power System Development Fund), Regulations, 2010, PSDF is to be utilized for the purposes permissible under the relevant regulations specified by the Central Commission. The relevant extract of the provisions of respective regulations indicating the type of the scheme which can be funded is at Annex-I.

The procedure for operationalisation of this fund is under process.

(c) : The programme for the transmission system as per the perspective plan for 12th Plan period is given in the table below:

Sl. No.	Voltage level	Expected addition during 12 th Plan Period	
		Transmission (ckm)	Lines Sub stations (MVA)
AC System:			
1	220 kV		35000 76000
2	400 kV		38000 45000
3	765 kV		27000 149000
Total (excluding HVDC system)			100000 270000
HVDC System:			7440 12750

Total fund requirement for development of transmission system during 12th Plan is estimated to be of the order of Rs. 2,00,000 Crore. The list of inter regional transmission links planned to be added during 12th Plan period is given at Annex-II.

(d) : There is an overall shortage of power in most of the States in the country. The shortage of power varies from State to State on month to month and day to day basis depending upon the demand and availability of power. Surplus power accrues in some of the States on seasonal basis or for a few days in a month or for certain hours in a day/year, depending upon the requirement and availability of power during the period. The States generally dispose off the surplus power through power exchanges, trading licensees and bilateral agreements.

The steps initiated by the Government for utilization of the surplus power in the power deficit States inter-alia include (i) synchronous inter-connection of Southern Grid with the NEW Grid, (ii) creation of additional inter-regional transmission capacity of 38,000 MW during the 12th Plan, (iii) strengthening / development of inter-State transmission lines including high capacity transmission corridors for transfer of power from generation rich areas to power deficit areas, (iv) setting up of power exchanges, (v) regulations for operationalisation of open access, etc.

ANNEX REFERRED TO IN PARTs (a) & (b) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 351 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING INTER-REGIONAL TRANSMISSION CORRIDORS.

The provisions of respective regulations indicating the type of the scheme which can be funded are as follows:

- (i) UI Pool Account: [Reference : Central Electricity Regulatory Commission (Unscheduled Interchange charges and related matters) Regulations, 2009 dated 30.3.2009].

Regulation 11: Application of fund collected through UI

- (1) The amount left in the UI pool account fund after final settlement of claims of Unscheduled Interchange charges of the generating station and the beneficiaries shall be transferred to a separate fund as may be specified by the Commission and shall be utilised, with the prior approval of the Commission for either or both of the following activities:

- (a) Servicing of investment for transmission schemes of strategic importance, provided that the Central Transmission Utility in consultation with a Central Electricity Authority shall identify the inter-State transmission schemes of strategic importance, not being utilised up to optimum level and seek prior approval of the Commission for servicing of capital costs during the initial years.

Provided further that when utilisation of such transmission line or transmission system included in the transmission schemes of strategic importance reaches the optimum level of utilisation, the cost of such scheme shall be recovered from the users of the scheme in accordance with the methodology specified by the Commission.

- (b) Providing ancillary services including but not limited to 'load generation balancing' during low grid frequency as identified by the Regional Load Despatch Centre, in accordance with the procedure prepared by it, to ensure grid security and safety:

- (2) The amount of fund, allocable for the purposes specified under clause of this regulation, shall be decided by the Commission from time to time.

- (ii) Reactive Energy Account: [Reference: Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2010, dated 28.4.2010].

Para 13 of Complementary Commercial Mechanism:

The money remaining in the regional reactive account after pay-out of all VAr charges upto 31st March of every year shall be utilized for training of the SLDC operators, and other similar purposes which would help in improving/streamlining the operation of the respective regional grids, as decided by the respective RPC from time to time.

- (iii) Congestion Charge Account: [Reference : Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2010 , dated 28.4.2010].

12. Utilisation of Congestion Charge. The undisbursed amount of congestion charge collected from the constituents in the account mentioned in Regulation 8 shall be utilized, with the prior approval of the Commission, to relieve congestion including but not limited to carrying out specific system studies to optimize the utilization of the inter-regional links, installation of special protection schemes, installation of shunt capacitors, etc. in accordance with the procedure notified under Regulation 8 .

Provided that the Regional Load Despatch Centres/any other entity entrusted with maintenance and operation of the funds shall submit report to the Commission on a six monthly basis, furnishing details of undisbursed amount and utilisation thereof.

- (i) Power Exchange Congestion Amount: [Reference : Central Electricity Regulatory Commission (Power Market) Regulations, 2010, dated 20.1.2010].

33. Power Exchange Congestion Amount management

- (i) The Power Exchange may be vested with Congestion Amounts arising from the difference in market prices of different regions as a consequence of market splitting.

The Congestion Amount shall be maintained in a separate account by the Power Exchange to be transferred on the next working day to a regulatory fund as may be directed by the Commission.

Provided that until the time the aforesaid fund is created congestion amount shall be transferred to National Load Despatch Centre account and once such a fund is created the NLDC shall transfer the congestion amount in favour of such fund.

- (ii) Congestion Amount Fund shall be utilised in accordance with the directions of the Commission. The Commission may consider utilisation of the fund for the following purposes:-

(a) Installation of VAR compensators, series compensators and other reactive energy generators

(b) Additional transmission capacity creation for relieving congestion

(c) To undertake technical study of the grid for congestion reduction

(d) The Congestion Amount Fund may be parked with a financial institution for grant of loans at concessional rates to projects specific to congestion reduction in the grid.

(e) To undertake capacity building measures and training of participants of Power Exchanges

(f) To develop information dissemination mechanism for the participants of Power Exchanges

- (iii) The Central Transmission Utility, National Load Despatch Centre or Power Exchanges can approach the Commission with specific proposals in line

with the above mentioned purposes for utilization from the Congestion Amount Fund.

ANNEX-II

ANNEX REFERRED TO IN PART (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 351 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING INTER-REGIONAL TRANSMISSION CORRIDORS.

List of inter regional transmission links planned to be added during 12th Plan period

<u>Details of Inter-Regional Transmission links planned for XII Plan</u>
Inter-Regional Link
ER -NR :
Gaya-Varanasi 765kV S/C
Barh-Gorakhpur 400kV D/C quad
Sasaram-Fatehpur 765kV S/C - line#2
ER - WR :
Ranchi - WR(Bilaspur)Sipat Pooling Point 765kV S/C via Dharamjaigarh
Ranchi- Dharamjaigarh 765kV S/C
Jharsuguda -Dharamjaigarh-765kV D/C
ER - NER :
Bongaigaon-Siliguri 400kV D/C Quad to be LILOOed at Alipurduar
NR - WR :
Agra-Gwalior 765kV S/C line-1 at 765 kV(earlier at 400kV)
Agra-Gwalior 765kV S/C line-2 at 765kV(earlier at 400kV)
Gwalior-Jaipur 765kV S/C#1
Gwalior-Jaipur 765kV S/C#2
RAPP C&D- Shujalpur 400kV D/C
Champa-Kurukshetra +/-800kV 6000MW HVDC bipole line, Ph.-I
WR-SR :
Narendra(Kudgi) (GIS) - Kolhapur (new) 765kV D/C line (initially charged at 400 kV)
Raichur-Sholapur 765kV S/C #1
Raichur-Sholapur 765kV S/C #2
NER/ER-NR/WR :
Bishwanath Chariyali - Agra \pm 800 kV, 3000 MW HVDC bipole.
LILO of \pm 800kV Bishwanath Chariyali - Agra HVDC Bipole at new pooling station in Alipurduar and addition of second 3000 MW HVDC

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.356
TO BE ANSWERED ON 21.03.2013

OMBUDSMAN IN POWER SECTOR

*356. SHRI S. ALAGIRI:

Will the Minister of POWER
be pleased to state:

- (a) the aims and objectives of setting up of the Consumer Grievance Redressal Forum (CGRF) and Ombudsman appointed by the State Electricity Regulatory Commissions of States along with their jurisdiction;
- (b) the number of cases investigated and judgements delivered by CGRF and the Ombudsman during each of the last three years;
- (c) the number of judgements out of the above which have been delivered in favour of the power consumers; and
- (d) the existing monitoring system/mechanism to check the working of CGRF and Ombudsman in the power sector and the details of monitoring done by them and the results achieved so far?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 356 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING OMBUDSMAN IN POWER SECTOR.

(a) : (i) The aims and objectives of setting up of the Consumer Grievance Redressal Forum (CGRF) and Ombudsman under the Section 42 of Electricity Act 2003 are reproduced as under:

“(5) Every distribution licensee shall, within six months from the appointed date or date of grant of licence, whichever is earlier, establish a forum for redressal of grievances of the consumers in accordance with the guidelines as may be specified by the State Commission.

(6) Any consumer, who is aggrieved by non-redressal of his grievance under sub-section (5), may make a representation for the redressal of his grievance to an authority to be known as Ombudsman to be appointed or designated by the State Commission.

(7) The Ombudsman shall settle the grievance of the consumer within such time and in such manner as may be specified by the State Commission.

(8) The provisions of sub-section (5), (6) and (7) shall be without prejudice to right which the consumer may have apart from the rights conferred upon him by those sub-sections”.

(ii) As per Clause 7(3) of Electricity Rules of 2005, framed under Section 176 of Electricity Act, 2003 by Central Government, the Ombudsman shall consider the representations of the consumers consistent with the provisions of the Act, the Rules and Regulations made hereunder or general orders or directions given by the Appropriate Government or the Appropriate Commission in this regard before settling their grievances.

As per information available till date, distribution licensees of all the States except Arunachal Pradesh, Goa, Nagaland, Sikkim, Manipur, Mizoram & Tripura have set up consumer grievance redressal forum (CGRF) and appointed ombudsman.

(b) & (c) : The available information, relating to number of cases investigated and judgments delivered in favour of power consumers in CGRF and Ombudsman during the year 2011-12 and 2012-13 is attached as in Annex.

(d) : As per the Clause 7(4) of Electricity Rules, 2005, the Ombudsman shall prepare a report on a six monthly basis giving details of the nature of the grievances of the consumer dealt by the ombudsman, the response of the licensees in the redressal of the grievances and the opinion of the ombudsman on the Licensee's compliance of the standards of performance as specified by the Commission under section 57 of the Act during the preceding six months.

The report shall be forwarded to the State Commission and the State Government, which is the appropriate government in this regard, within 45 days after the end of the relevant period of six months.

ANNEX REFERRED TO IN PARTS (b) & (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 356 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING OMBUDSMAN IN POWER SECTOR.

Note: NA means not available

Andhra Pradesh	2010	2011	2012
No. of cases decided by CGRF	NA	565	230
Decided in favour of consumers	NA	394	176
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Chhattisgarh	2010	2011	2012
No. of cases decided by CGRF	NA	106	214
Decided in favour of consumers	NA	83	109
No. of cases decided by Ombudsman	NA	23	32
Decided in favour of consumers	NA	7	24

Arunachal Pradesh	2010	2011	2012
No. of cases decided by CGRF	NA	NA	NA
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Dadra & Nagar Haveli	2010	2011	2012
No. of cases decided by CGRF	Nil	9	26
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Assam	2010	2011	2012
No. of cases decided by CGRF	NA	NA	0
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Daman & Diu	2010	2011	2012
No. of cases decided by CGRF	nil	nil	13
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	8	NA	NA
Decided in favour of consumers	2	NA	NA

Bihar	2010	2011	2012
No. of cases decided by CGRF	NA	NA	0
Decided in favour of consumers	NA	NA	0
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Delhi	2010	2011	2012
No. of cases decided by CGRF	NA	625	207
Decided in favour of consumers	NA	147	145
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Chandigarh (UT)	2010	2011	2012
No. of cases decided by CGRF	103	128	96
Decided in favour of consumers	NA	NA	0
No. of cases decided by Ombudsman	NA	1	NA
Decided in favour of consumers	NA	1	NA

Gujarat	2010	2011	2012
No. of cases decided by CGRF	NA	1012	727
Decided in favour of consumers	NA	741	395
No. of cases decided by Ombudsman	NA	15	NA
Decided in favour of consumers	NA	11	NA

Goa	2010	2011	2012
No. of cases decided by CGRF	nil	6	10

Kerala	2010	2011	2012
No. of cases decided by CGRF	NA	NA	NA

Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	3
Decided in favour of consumers	NA	NA	3

Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	172	NA
Decided in favour of consumers	NA	NA	NA

Haryana	2010	2011	2012
No. of cases decided by CGRF	NA	158	NA
Decided in favour of consumers	NA	81	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Madhya Pradesh	2010	2011	2012
No. of cases decided by CGRF	NA	228	106
Decided in favour of consumers	NA	184	26
No. of cases decided by Ombudsman	NA	24	NA
Decided in favour of consumers	NA	2	NA

Himachal Pradesh	2010	2011	2012
No. of cases decided by CGRF	NA	34	NA
Decided in favour of consumers	NA	14	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Maharashtra	2010	2011	2012
No. of cases decided by CGRF	NA	633	326
Decided in favour of consumers	NA	398	245
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Jammu & Kashmir	2010	2011	2012
No. of cases decided by CGRF	NA	NA	NA
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Manipur	2010	2011	2012
No. of cases decided by CGRF	NA	NA	0
Decided in favour of consumers	NA	NA	0
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Karnataka	2010	2011	2012
No. of cases decided by CGRF	NA	2	25
Decided in favour of consumers	NA	1	18
No. of cases decided by Ombudsman	NA	21	21
Decided in favour of consumers	NA	17	17

Meghalaya	2010	2011	2012
No. of cases decided by CGRF	NA	1	NA
Decided in favour of consumers	NA	0	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Mizoram	2010	2011	2012
No. of cases decided by CGRF	NA	0	NA
Decided in favour of consumers	NA	0	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

Rajasthan	2010	2011	2012
No. of cases decided by CGRF	NA	NA	NA
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	7	NA
Decided in favour of consumers	NA	NA	NA

	2010	2011	2012
Nagaland			
No. of cases decided by CGRF	NA	NA	NA
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

	2010	2011	2012
Sikkim			
No. of cases decided by CGRF	NA	NA	NA
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

	2010	2011	2012
Odisha			
No. of cases decided by CGRF	NA	2177	NA
Decided in favour of consumers	NA	1665	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

	2010	2011	2012
Tamil Nadu			
No. of cases decided by CGRF	NA	NA	NA
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	20	NA
Decided in favour of consumers	NA	NA	NA

	2010	2011	2012
Puducherry			
No. of cases decided by CGRF	29	103	154
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	4
Decided in favour of consumers	NA	NA	4

	2010	2011	2012
Tripura			
No. of cases decided by CGRF	NA	NA	NA
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

	2010	2011	2012
Uttar Pradesh			
No. of cases decided by CGRF	NA	10	NA
Decided in favour of consumers	NA	9	NA
No. of cases decided by Ombudsman	NA	106	NA
Decided in favour of consumers	NA	93	NA

	2010	2011	2012
Andaman & Nicobar Islands (UT)			
No. of cases decided by CGRF	nil	12	22
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

	2010	2011	2012
Uttarakhand			
No. of cases decided by CGRF	NA	2	NA
Decided in favour of consumers	NA	1	NA
No. of cases decided by Ombudsman	NA	3	NA
Decided in favour of consumers	NA	2	NA

	2010	2011	2012
Lakshadweep (UT)			
No. of cases decided by CGRF	2	6	3
Decided in favour of consumers	NA	NA	NA
No. of cases decided by Ombudsman	NA	NA	NA
Decided in favour of consumers	NA	NA	NA

	2010	2011	2012
West Bengal			
No. of cases decided by CGRF	NA	1179	1665

Decided in favour of consumers	NA	123	1207
No. of cases decided by Ombudsman	NA	782	NA
Decided in favour of consumers	NA	441	NA

Punjab	2010	2011	2012
No. of cases decided by CGRF	NA	NA	105
Decided in favour of consumers	NA	NA	66
No. of cases decided by Ombudsman	NA	33	47
Decided in favour of consumers	NA	10	13

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
STARRED QUESTION NO.358
TO BE ANSWERED ON 21.03.2013

GAS BASED POWER PLANTS

*358. SHRI NISHIKANT DUBEY:

Will the Minister of POWER
be pleased to state:

- (a) the details of the demand and supply of gas for various gas based power plants in the country during each of the last three years and the current year, plant and State/UT-wise;
- (b) whether power generation from various gas based power plants have been hampered due to the shortage of gas supply;
- (c) if so, the details of power generation from these plants during the said period, plant and State/UT-wise; and
- (d) the steps being taken by the Government to ensure sufficient quantum of gas availability for the gas based power plants?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 358 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING GAS BASED POWER PLANTS.

(a) : Plant and State/UT-wise details of the demand and supply of gas for various gas based power plants in the country during each of the last three years i.e. 2009-10, 2010-11, 2011-12 and the current year is enclosed at Annex-A.

(b) : Yes, Madam. Power generation from various gas based power plants have been hampered due to shortage of gas supply, primarily due to reduced production of gas from KG D6 basin in recent past.

(c) : Details of power generation from gas based power plants in the country during each of the last three years i.e. 2009-10, 2010-11, 2011-12 and the current year plant and State/UT-wise is enclosed at Annex-B.

(d) : Government is making all out efforts for additional availability of gas to power plants and taking necessary steps to increase domestic production of gas in the country and a multi-pronged strategy have also been adopted by the Government to augment gas supplies and bridge the gap between supply and demand for the domestic market including that for power sector which includes:-

- i) Ministry of Petroleum and Natural Gas (MOP&NG) is 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).
- ii) MOP&NG is encouraging import of gas in the form of Liquefied Natural Gas (LNG) and also making efforts for import of gas through international pipelines projects.
- iii) In order to explore and produce new sources of natural gas from coal bearing areas, Government has formulated a Coal Bed Methane (CBM) Policy providing attractive fiscal and contractual framework for exploration and production of CBM in the country.
- iv) Government is encouraging Under Ground Coal Gasification (UGCG) and coal liquification and investment by private entrepreneurs in development of these frontier technologies.

Also MOP&NG on 01.01.2013 has issued Guidelines on Clubbing/Diversion of gas between power plants of same owner to enable use of domestic gas more efficiently to improve the Plant Load Factor with corresponding increase in total generation of electricity.

ANNEX REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 358 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING GAS BASED POWER PLANTS.

Plants-wise details of demand and supply / consumption of gas

Sl. No.	Name of Power Stations	Installed Capacity (MW)	Gas requirement at 90% PLF	Gas Supply/ Consumed (MMSCMD)			
				MMSCMD	2009-10	2010-11	2011-12
Haryana							
1	FARIDABAD CCPP	431.59	2.07	1.65	1.8	1.8	1.59
	TOTAL	431.59	2.07	1.65	1.8	1.8	1.59
RAJASTHAN							
2	ANTA CCPP	419.33	2.01	1.75	1.51	1.65	1.40
3	DHOLPUR CCPP	330	1.58	1.35	1.13	1.36	0.82
4	RAMGARH CCPP	113.8	1.18	0.59	0.50	0.81	0.77
	TOTAL	863.13	4.77	3.69	3.14	3.82	2.99
DELHI							
5	I.P.CCPP	270	1.3	1.12	1.02	0.89	0.94
6	PRAGATI CCGT-III	1000	4.79	0	0.02	0.29	0.84
7	PRAGATI CCPP	330.4	1.59	1.44	1.41	1.49	1.44
8	RITHALA CCPP	108	0.52	0	0.1	0.27	0.14
	TOTAL	1708.4	8.2	2.56	2.55	2.94	3.38
UTTAR PRADESH							
9	AURAIYA CCPP	663.36	3.18	2.56	2.72	2.45	1.87
10	DADRI CCPP	829.78	3.98	2.80	3.14	3.06	2.57
	TOTAL	1493.14	7.16	5.36	5.86	5.51	4.436
GUJARAT							
11	GANDHAR CCPP	657.39	3.16	2.58	2.31	2.09	2.05
12	KAWAS CCPP	656.2	3.15	2.53	2.29	2.05	1.74
13	DHUVARAN CCPP	218.62	1.05	0.74	0.94	0.56	0.63
14	HAZIRA CCPP	156.1	0.75	0.67	0.63	0.56	0.47
15	HAZIRA CCPP EXT	351	1.68	0	0	0	0.00
16	UTRAN CCPP	518	2.49	1.17	1.53	1.56	0.54
17	VATWA CCPP	100	0.48	0.48	0.41	0.28	0.15
18	BARODA CCPP	160	0.77	0.63	0.52	0.42	0.28
19	ESSAR CCPP	515	2.47	1.68	1.68	1.23	0.64
20	PEGUTHAN CCPP	655	3.14	2.54	2.06	1.8	0.94
21	SUGEN CCPP	1147.5	5.51	3.26	4.23	3.87	2.36
	TOTAL	5134.81	24.65	16.28	16.6	14.42	9.80
MAHARASHTRA							
22	RATNAGIRI CCPP	1967	9.44	4.43	6.28	6.14	3.25
23	URAN CCPP	672	3.23	3.3	3.45	3.5	2.44
24	TROMBAY CCPP	180	0.86	0.86	0.9	0.9	0.74
	TOTAL	2819	13.53	8.59	10.63	10.54	6.43
ANDHRA PRADESH							
25	GAUTAMI CCPP	464	2.23	1.85	1.82	1.57	0.71
26	GMR Energy - Kakinada	220	1.06	0	0.58	0.67	0.29
27	GODAVARI CCPP	208	1	0.91	0.87	0.73	0.61
28	JEGURUPADU CCPP	455.4	2.19	1.96	1.79	1.58	1.05
29	KONASEEMA CCPP	445	2.14	0.81	1.6	1.32	0.63

30	KONDAPALLI EXTN CCPP	366	1.76	1.19	1.26	1.23	0.47
31	KONDAPALLI CCPP	350	1.68	1.39	1.27	1.18	1.00
32	PEDDAPURAM CCPP	220	1.06	0.86	0.84	0.76	0.53
33	VEMAGIRI CCPP	370	1.78	1.56	1.44	1.02	0.53
34	VIJESWARAN CCPP	272	1.31	0	0	0	0.67
35	SRIBA INDUSTRIES	30	0.14	-	0	0	0
36	RVK ENERGY	28	0.13	-	0	0	0
37	SILK ROAD SUGAR	35	0.16	-	0	0	0
38	LVS POWER	55	0.26	-	0	0	0
	TOTAL	3518.4	16.9	10.53	11.47	10.46	6.481
TAMILNADU							
39	KOVIKALPAL CCPP	107	0.51	0.28	0.34	0.39	0.39
40	KUTTALAM CCPP	100	0	0.35	0.09	0.22	0.00
41	VALUTHUR CCPP	186.2	0.89	0.61	0.31	0.65	0.48
42	KARUPPUR CCPP	119.8	0.58	0.38	0.47	0.53	0.50
43	P.NALLUR CCPP	330.5	1.59	0.37	0.97	0.37	0.32
44	VALANTARVY CCPP	52.8	0.25	0.24	0.27	0.25	0.26
	TOTAL	896.3	3.82	2.23	2.45	2.41	1.946
PUDUCHERRY							
45	KARAIKAL CCPP	32.5	0.16	0.16	0.14	0.19	0.18
	TOTAL	32.5	0.16	0.16	0.14	0.19	0.18
ASSAM							
46	KATALGURU CCPP	291	1.4	1.32	1.44	1.38	1.34
47	LAKWA GT	157.2	1.1	0.87	0.89	0.83	0.76
48	NAMRUP CCPP	95	0.43	0.58	0.50	0.67	0.62
49	NAMRUP ST	24	0.14	0.05	0.11	0.00	0.00
50	DLF ASSAM GT	24.5	0.12	0.1	0.07	0.06	0.04
	TOTAL	591.7	3.19	2.92	3.01	2.94	2.758
TRIPURA							
51	AGARTALA GT	84	0.58	0.74	0.72	0.75	0.73
52	BARAMURA GT	58.5	0.41	0.2	0.33	0.4	0.40
53	ROKHIA GT	90	0.63	0.55	0.61	0.5	0.34
	TOTAL	232.5	1.62	1.49	1.66	1.65	1.472
	GRAND TOTAL	17721.47	86.07	55.46	59.31	56.28	41.45

ANNEX-B

ANNEX REFERRED TO IN PART (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 358 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013 REGARDING GAS BASED POWER PLANTS.

Plants-wise generation during the year 2009-10, 2010-11 2011-12 & 2012-13 (April- January)

S. No	Power Station	Installed Capacity (MW)	Generation (Million Unit)			
			2009-10	2010-11	2011-12	2012-13 (Apr- Jan) (Provisional)
HARYANA						
1	FARIDABAD CCPP	431.59	3211.95	3155.40	3067.72	2231.03
RAJASTHAN						
2	ANTA CCPP	419.33	3001.76	2487.90	2694.6	1884.85
3	DHOLPUR CCPP	330	2424.77	1994.87	2253.77	980.23
4	RAMGARH CCPP	113.8	352.92	301.13	536.79	424.86
	TOTAL	863.13	5779.45	4783.9	5485.16	3289.94
DELHI						
5	I.P.CCPP	270	1498.84	1368.32	1243.72	1126.95
6	PRAGATI CCGT-III	1000	0.00	6.09	331.38	1238.24
7	PRAGATI CCPP	330.4	2453	2335.78	2560.05	2101.76
8	RITHALA CCPP	108	0	88.80	241.83	137.18
	TOTAL	1708.4	3951.84	3798.99	4376.98	4604.13
UTTAR PRADESH						
9	AURAIYA CCPP	663.36	4528.39	4369.34	3878.62	2483.93
10	DADRI CCPP	829.78	5606.63	5399.88	5376.07	3915.78
	TOTAL	1493.14	10135.02	9769.22	9254.69	6399.71
GUJARAT						
11	GANDHAR CCPP	657.39	4487.83	4058.06	3684.07	3023.01
12	KAWAS CCPP	656.2	4327.23	3882.14	3638.4	2573.00
13	DHUVARAN CCPP	218.62	1358.00	891.38	1008.7	801.71
14	HAZIRA CCPP	156.1	1111.81	1022.81	907.62	631.74
15	HAZIRA CCPP EXT	351	0.00	0.00	0.00	0.00
16	UTRAN CCPP	518	1944.22	2947.22	2987.98	913.45
17	VATWA CCPP	100	798.05	670.53	459.26	123.23
18	BARODA CCPP	160	1064.39	843.55	668.74	365.06
19	ESSAR CCPP	515	1714.97	1443.70	135.89	320.98
20	PEGUTHAN CCPP	655	4593.82	3667.45	3067.07	1369.98
21	SUGEN CCPP	1147.5	6630.26	8216.99	7592.16	3816.47
	TOTAL	5134.81	28030.58	27643.83	24149.89	13938.63
MAHARASHTRA						
22	RATNAGIRI CCPP	1967	8290.55	11876.85	11619.08	5095.98
23	URAN CCPP	672	5109.34	5587.39	4668.78	3154.81
24	TROMBAY CCPP	180	1414.61	1568.79	1567.9	1329.18
	TOTAL	2819	14814.5	19033.03	17855.76	9579.97
ANDHRA PRADESH						
25	GAUTAMI CCPP	464	3078.89	3331.07	2898.67	950.43
26	GMR Energy Ltd - Kakinada	220	0	960.49	1200.03	388.38
27	GODAVARI CCPP	208	1553.13	1464.36	1282.46	871.92
28	JEGURUPADU CCPP	455.4	3348.39	3094.23	2833.49	1530.30
29	KONASEEMA CCPP	445	867.65	2350.49	2266.22	884.88
30	KONDAPALLI EXTN CCPP .	366	389.12	2043.68	2203.54	655.83
31	KONDAPALLI CCPP	350	2749.85	2133.77	2030.94	1480.77
32	PEDDAPURAM CCPP	220	1525.02	1427.37	1318.82	634.03
33	VEMAGIRI CCPP	370	3000.18	2815.56	2066.81	911.87

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34	VIJESWARAN CCPP	272	0	0	0	882.28
35	SRIBA INDUSTRIES	30	-	-	-	-
36	RVK Energy	28	-	-	-	-
37	Silk Road Sugar	35	-	-	-	-
38	LVS Power	55	-	-	-	-
	TOTAL	3518.4	16512.23	19621.02	18100.98	9190.69
TAMIL NADU						
39	KOVIKALPAL CCPP	107	534.06	663.76	705.75	615.35
40	KUTTALAM CCPP	100	646.26	172.58	413.29	0.00
41	VALUTHUR CCPP	186.2	1064.64	547.67	1114.56	709.19
42	KARUPPUR CCPP	119.8	676.97	820.38	797.1	763.75
43	P.NALLUR CCPP	330.5	2258.34	2494.06	1526.19	1483.43
44	VALANTARVY CCPP	52.8	338.63	370.17	377.51	320.55
	TOTAL	896.3	5518.9	5068.62	4934.4	3892.27
PUDUCHERRY						
45	KARAIKAL CCPP	32.5	227.25	195.45	251.46	188.99
ASSAM						
46	KATHALGURI CCPP	291	1744.14	1833.87	1765.17	1381.32
47	LAKWA GT	157.2	762.51	766.25	771.99	730.31
48	NAMRUP CCPP	95	510.82	508.73	565.73	416.18
49	NAMRUP ST	24	35.41	21.08	0	26.80
50	DLF ASSAM GT	24.5	0	67.42	0	34.02
	TOTAL	591.7	3052.88	3197.35	3102.89	2588.63
TRIPURA						
51	AGARTALA GT	84	662.71	644.10	666.12	526.60
52	BARAMURA GT	58.5	177.32	225.82	357.62	289.20
53	ROKHIA GT	90	442.47	443.50	419.1	343.96
	TOTAL	232.5	1282.5	1313.42	1442.84	1159.76
	GRAND TOTAL	17721.47	92517.10	97580.23	92022.77	57063.75

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3918
TO BE ANSWERED ON 21.03.2013

POWER PROJECTS IN MAHARASHTRA

3918. DR. NILESH N. RANE:

Will the Minister of POWER
be pleased to state:

- (a) the details of the power projects which have been found to be viable for construction in Maharashtra along with the present status thereof; and
- (b) the steps being taken by the Government for early clearance and commissioning of the power projects of National Thermal Power Corporation Limited (NTPC) 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) & (b) : The details of thermal power projects which are at present under construction in the State of Maharashtra, are enclosed at Annex-I. No Detailed Project Report (DPR) has been received in the Central Electricity Authority (CEA) for setting up of hydro electric project in the State of Maharashtra since 2002-03. However, Koyna Dam Foot Power House, 2x40 MW is presently under construction in the State of Maharashtra which was cleared by Maharashtra Government. The Details are enclosed at Annex-II.

Several steps have been taken by the Government for early clearance and commissioning of the power projects including NTPC thermal power projects. These, inter alia, include:

- (i) Central Electricity Authority (CEA) is performing the duties of monitoring of the power projects in pursuance of 73 (f) of Electricity Act, 2003. The progress of each project is monitored continuously through frequent site visits, interaction with the developers, critical study of monthly progress reports.
- (ii) Setting up of a Power Project Monitoring Panel by the Ministry of Power to independently follow up and monitor the progress of the thermal projects to ensure that projects are executed in time.

(iii) M/s BHEL is a major indigenous manufacturer for main plant equipment in Public Sector. To overcome any constraints in supply, BHEL is augmenting its manufacturing capacity.

ANNEX-I

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 3918 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

Under Construction Thermal Power Projects in Maharashtra

Project Name	Unit No	Cap. (MW)	Brief status
<i>CENTRAL SECTOR</i>			
Mouda TPP	U-2	500	SBO and normalization completed. Generator Transformer being replaced.
SolapurTPP	U-1	660	Boiler erection start is expected by 05/13.
SolapurTPP	U-2	660	Boiler erection start is expected by 11/13.
Mauda TPP, Ph-II	U-1	660	Boiler erection start is expected by 05/13.
Mauda TPP, Ph-II	U-2	660	Boiler erection start is expected by 11/13.
<i>STATE SECTOR</i>			
Chandrapur TPS	U-8	500	Boiler drum lifted in 03/11. HT completed in 6/12. TG erection started in 03/12 & BLU expected in 03/13.
Chandrapur TPS	U-9	500	Boiler drum lifted in 09/11, HT completed in 10/12. TG deck casting completed. TG erection start expected in 03/13.
Koradi TPP Expn.	U-8	660	Boiler erection started in 03/11. HT expected in 10/13. TG erection started in 4/12, TG box up expected in 04/13.
Koradi TPP Expn.	U-9	660	Boiler erection started in 10/11, TG erection started in 11/12. HT by 8/13.
Koradi TPP Expn.	U-10	660	Boiler erection started in 02/12, TG erection start expected in 5/13 and HT 2/14.
Parli TPP Expn.	U-8	250	Boiler erection started. Drum lifted in 04/11. Condenser erection started in 4/12, HT completed in 12/12 & BLU expected 03/13. Box-Up-04/13
<i>PRIVATE SECTOR</i>			
Amravati TPP Ph-I	U-1	270	Unit Synchronized on 9.3.13. Coal firing is expected by 20.03.13 and full load by 25.03.13.
Amravati TPP Ph-I	U-2	270	HT completed in 05/12 TG erection started in 10/11 & BLU expected in 03/13.
Amravati TPP Ph-I	U-3	270	HT completed in 10/12 & BLU by 05/13. TG erection started in 12/11. TG box up by 4/13.
Amravati TPP Ph-I	U-4	270	Drum lifted in 11/11. HT expected in 3/13. TG erection started in 4/12 TG box up expected by 07/13.
Amravati TPP Ph-I	U-5	270	Drum lifted in 11/11. HT expected in 06/13 & TG erection started in 4/12. Box-up expected in 10/13
Amravati TPP Ph-II	U-1	270	Boiler erection started. Work is on hold due to payment issue with BHEL. Anticipated commissioning schedule would be assessed after restart of work at site.
Amravati TPP Ph-II	U-2	270	Boiler erection started in 01/12. Work is on hold due to payment issue with BHEL. Anticipated commissioning schedule would be assessed after restart of work at site.
Amravati TPP Ph-II	U-3	270	Boiler erection started in 3/12. Work is on hold due to payment issue with BHEL. Anticipated commissioning schedule would be assessed after restart of work at site.
Amravati TPP Ph-II	U-4	270	Work is on hold due to payment issue with BHEL. Anticipated commissioning schedule would be assessed after restart of work at site.

Amravati TPP Ph-II	U-5	270	Work is on hold due to payment issue with BHEL. Anticipated commissioning schedule would be assessed after restart of work at site.
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Bela TPP-I	U-1	270	BLU completed on 29.2.12 & Synchronization completed in 03/13 and full load is also expected in 03/13.
Dhariwal Infracture TPP	U-1	300	Drum lifted and HT-08/12, BLU completed in 03/13. TG erection started in 11/11 and Boxed up in 01/13. Synch in 04/13.Full load by 05/13.
	U-2	300	Drum lifted-02/12, TG erection start in 07/12 & HT completed in 02/13.BLU in 05/13. TG box up in 05/13.
EMCO Warora TPP	U-2	300	HT in 7/12 & BLU-03/13.TG erection started in 02/12. TG box up in 03/13.
Lanco Vidarbha TPP	U-1	660	Boiler erection started in 8/11 . HT expected in 04/14 and TG erection start is expected in 04/13.
Lanco Vidarbha TPP	U-2	660	Boiler erection started in12/11. HT expected in 08/14. TG erection start is expected by 08/13.
Nasik TPP Ph-I	U-1	270	Drum lifted in 03/11. HT completed in 03/12.TG erection started in 09/11, boxed up in 01/13 & BLU completed in 10/12.SBO completion by 03/13.
Nasik TPP Ph-I	U-2	270	Drum lifted in 07/11. HT completed in 07/12.TG erection started in 12/11. Box up in 04/13. BLU in 04/13.
Nasik TPP Ph-I	U-3	270	Boiler drum lifted. Work is on hold due to payment issue with BHEL
Nasik TPP Ph-I	U-4	270	Boiler drum lifted. Work is on hold due to payment issue with BHEL
Nasik TPP Ph-I	U-5	270	Boiler drum lifted. Work is on hold due to payment issue with BHEL
Nasik TPP Ph-II	U-1	270	Boiler erection started in 09/11. Work is on hold due to payment issue with BHEL. Commissioning schedule would be assessed after restart of work.
Nasik TPP Ph-II	U-2	270	Boiler erection started in 11/11.Work is on hold due to payment issue with BHEL. Commissioning schedule would be assessed after restart of work.
Nasik TPP Ph-II	U-3	270	Civil works started. Work is on hold due to payment issue with BHEL. Commissioning schedule would be assessed after restart of work.
Nasik TPP Ph-II	U-4	270	Civil works started. Work is on hold due to payment issue with BHEL. Commissioning schedule would be assessed after restart of work.
Nasik TPP Ph-II	U-5	270	Civil works started. Work is on hold due to payment issue with BHEL. Commissioning schedule would be assessed after restart of work.
Tirora TPP Ph-I	U-2	660	Coal synchronization achieved in 01/13. Full load is expected in 03/13.
Tirora TPP Ph-II	U-1	660	HT completed in 3/12 and BLU achieved in 02/13. Syn. Expected in 03/13 and Full load by 05/13.
Tirora TPP Ph-II	U-2	660	Boiler erection started on 06.12.10. HT completed in 09/12. Turbine erection started on 02.02.12. TG box up is expected in 03/13.
Tirora TPP Ph-II	U-3	660	Boiler erection started in 04.01.11 . HT completed in 10/12 & BLU by 5/13. TG erection started in 09/12.TG box up by 05/13.

ANNEX-II

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 3918 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

Under Construction Hydro Electric Project in Maharashtra

Name of Project	Capacity	Broad Present Status
Koyna Dam Foot Power House (Left Bank) PSS WRD	2x40 = 80 MW	<p>Civil Works:</p> <p>Construction of approach tunnel, ventilation tunnel & Power House are under progress.</p> <p>E&M works:</p> <p>The contract for detailed engineering, manufacturing, supply, supervision, erection, testing, commissioning and putting into commercial use of pump turbine, generator motor and associated equipments is signed with M/s IVRCL Ltd., Pune on 16.12.2010.</p>

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3925
TO BE ANSWERED ON 21.03.2013

POWER POOLING OF COAL

3925. SHRI P. KARUNAKARAN:

Will the Minister of POWER
be pleased to state:

- (a) whether his Ministry proposes to introduce power pooling of coal;
- (b) if so, the details thereof; and
- (c) the salient features of this power pooling and the benefits likely to be derived by introducing such system?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) : A report on price pooling of imported coal with domestic coal was prepared by Central Electricity Authority (CEA) in consultation with Coal India Limited (CIL) with a view to augmenting the overall availability of coal for the power plants to achieve higher and affordable generation of electricity and the same was forwarded by Ministry of Power to Ministry of Coal with comments. Subsequently, a note on pooling of price of imported coal with domestic coal was sent by the Ministry of Coal to Cabinet Committee on Economic Affairs (CCEA). The CCEA considered the note dated 04.02.2013 in its meeting held on 05.02.2013 and has approved in principle certain guidelines for working out specific quantities/capacities for the proposed pooling methodology.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3931
TO BE ANSWERED ON 21.03.2013

ADDITIONAL POWER FOR RAJASTHAN

†3931. SHRI RAM SINGH KASWAN:

Will the Minister of POWER
be pleased to state:

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

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a): The estimate of 18th Electric Power Survey (EPS) of India, the Electrical Energy Requirement (GWh) and Peak Electric Load (MW) of Rajasthan for 12th Plan period is given below :

Year	Energy Requirement (MU)	Peak Demand (MW)
2012-13	54,243	9,396
2013-14	59,382	10,360
2014-15	65,007	11,422
2015-16	71,166	12,594
2016-17	77,907	13,886

(b) & (c) : Yes, Madam. During 12th Five Year Plan period the additional capacity likely to be commissioned in the state is 1,260 MW and the likely benefit to the State of Rajasthan from Central Generating Stations and Private Sector projects are 1,306.65 MW and 627 MW respectively.

The steps taken by Government inter-alia are :

- (i) Rigorous monitoring of capacity addition of the on-going generation projects.
- (ii) Regular reviews are held at various levels including Ministry of Power, Department 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.
- (iii) Efforts are being made at ministerial level to make fuel available for power sector.
- (iv) In view of the increasing requirement of capacity addition to meet the demand, the capacity building of main plant equipment has been carried out in the country with the formation of several joint ventures for manufacture of main plant equipments in the country.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3937
TO BE ANSWERED ON 21.03.2013

IMPORT OF COAL

†3937. SHRI BHISHMA SHANKER ALIAS KUSHAL TIWARI:

Will the Minister of POWER
be pleased to state:

- (a) whether coal is being imported for meeting the shortage in power plants; and
- (b) if so, the details of coal imported from different countries during each of the last three years along with the quantum of funds spent thereon, country-wise?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Yes, Madam.

(b) : The coal has been imported inter-alia mainly from Indonesia and South Africa. The details of quantum of coal imported by the power utilities to meet the shortfall in supply of domestic coal during the last three years and the current year (upto February, 2013) is given as under.

Year	Imported coal quantity in (Million Tonne)
2009-10	18.8
2010-11	21.3
2011-12	27.8
2012-13(upto February, 2013)	27.7

The details of amount spent in import of coal, coke and briquettes as available in the Department of Commerce website for last three years is given below:

Commodity	US\$ Million		
	April, 2009 to March, 2010	April, 2010 to March, 2011	April, 2011 to March, 2012
Coal, Coke Briquettes	8,969.17	9,781.12	17,480.10

The details of country-wise quantum of funds spent on import of coal by the power utilities is not monitored.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3947
TO BE ANSWERED ON 21.03.2013

CORRUPTION IN NHPC

†3947. SHRI OM PRAKASH YADAV:

Will the Minister of POWER
be pleased to state:

- (a) whether cases of alleged corruption and irregularities in the construction work of various projects of the National Hydro Power Corporation Limited (NHPC) have come to the notice of the Government;
- (b) if so, the details thereof along with the details of the representations received from the Public Representatives in this regard;
- (c) the details of the action taken by the Government on such complaints/representations; and
- (d) the action taken against the officers found guilty 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) : Yes, Madam. Based on available records, details of the cases of alleged corruption and irregularities in the construction work of various projects of the National Hydro Power Corporation Limited (NHPC) along with action taken on these allegations in accordance with the instructions/guidelines of Central Vigilance Commission/Cabinet Secretariat/Department of Public Enterprises received from individuals/public representatives during the years 2010, 2011 and 2012 are as in Annex-A & B. In addition, vigilance cases referred by CVC which are generated from CTE paras are also at Annex-C.

ANNEX-A

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 3947 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

(Details of Vigilance Complaints related to construction work of various projects of NHPC received in the Ministry)

Sl. No.	Allegations	Action Taken
1.	Allegation regarding award of contract to M/s Om Metals against pre qualification document for lot-2 of Hydro Mechanical works of Teesta Low Dam-IV HE project by NHPC for 315 crores	Report of the CVO, NHPC called for. The same was sent to CVC for advice
2	News paper report regarding booking of NHPC Officers by CBI in connection with Rs.38.6 crore contract for execution of electrification work	The cases are under investigation by CBI. Jammu. CVC vide ref. No. 011/PWR/010-204002 dt. 25.02.13 sought recommendation of DA against each officer, which are being expedited.
3.	Complaint against Shri J.K.Sharma, Director (Project), NHPC regarding reduction of height of Cofferdam of Subansiri Lower Project-Delay in commissioning of Parbati III /TLDP-III/TLDP-IV/Chamerai III/ Uri-II- construction problems and delay	Report in the matter called from CVO, NHPC and CVO SJVNL. As per position brought out by CVO NHPC and CVO SJVNL no vigilance angle found in the complaint. Report forwarded to Cabinet Secretariat and CVC. It has been advised to close the matter.
4	Corruption in form of various claims awarded to contractors on breaching of coffer dams in NHPC projects	Factual report in the matter sought from CVO, NHPC. The same was examined in consultation with CVC and Cabinet Secretariat. It has been advised to close the matter.
5.	Complaint against Shri S.K. Garg, CMD, NHPC made by Shri Yashwant Choubey & others.	A report in the matter was sent to CVC. They have advised closure of the entire allegations except 7, 10, & 11. Reply sent to CVC on these points. CVC has noted the reply.
6.	Complaint received from Sh. K. L. Solanki, against CMD, NHPC and others regarding corruption in Indira Sagar Project etc.	The matter has been examined in consultation with CVC and Cabinet Secretariat. It has been advised to close the matter.
7.	Complaint against Shri D.P. Bhargava, Director (Tech), NHPC by Sanjay Singh regarding slope failure and washing out of Cofferdam and other	In terms of DPE guidelines report of CVO NHPC was sent to Cabinet Secretariat. The Group of Officer in the Cabinet Secretariat

	problems at TLDP-III., TLDP-IV and contractual disputes in Parbati-II HEP. and idling claims in favour of contractors in these projects.	have decided not to pursue the matter.
8.	Award of work of Leh project sanctioned under RGGVY Scheme by NHPC to M/s JV of M/s A2Z & M/s Shyama Power at exorbitant rates.	CVC advised disciplinary action against Officers of NHPC which has been accepted. Order imposing Minor penalty i.e. "Censure" upon Shri A. B. L. Srivastava, Director (Finance) NHPC has been issued on 17.01.2013. Action in respect of other Officers is under process.
9.	Complaint against Shri S. K. Mittal the then ED/GM of Teesta V. (NHPC) regarding irregularities in payment made to contractor during construction	The complaint pertains to below board level officer. The same was referred to CVO, NHPC for necessary action. Report under preparation by CVO, NHPC.
10.	Complaint against Sh. S. K. Garg, Ex-CMD and Sh. DP Bhargava, Director (Tech,) regarding corrupt practice at RE works (J&K), RE Works Odisha and Subansiri Power projects.	Report in the matter called from CVO, NHPC and examined in the Ministry. The report alongwith Ministry's comments sent to CVC on 29.10.2012

11.	Violation of delegation of power and malpractices adopted in Dulhasti HE Project of NHPC by Sh. S.C. Gupta, Executive Director, NHPC	Matter pertains to below board level officers. As such referred to CVO NHPC to take up directly with CVC.
12.	Complaint received from Amit Mittal, MD, A2Z Maintenance & Engineering Service Ltd. Gurgaon, Haryana regarding request for bringing in complete transparency in working of PGCIL, NHPC and other PSUs	In terms of DPE guidelines the matter referred to Cabinet Secretariat for advice.
13.	Complaint against officers of NHPC reg. irregularities/malpractices at Dhauliganga Power Station of NHPC	Matter pertains to below board level officers. Referred to CVO, NHPC for appropriate action. Matter under examination of CVO, NHPC.
14.	Complaint against Shri J.K. Sharma, Director (Project), NHPC Ltd. regarding grant of favours to M/s HJV at Parvati-II Project, NHPC.	The complaint alongwith report of CVO, NHPC was sent to Cabinet Secretariat and CVC. Group of Officers in Cabinet Secretariat advised to take necessary administrative action to recover the balance amount and not to pursue the matter further. CVO, NHPC has been requested to take necessary action in the matter.
15.	Complaint against Shri J.K. Sharma, Director (Project), NHPC Ltd. regarding granting favour to M/s Om Metals at Chamera III and Uri-II Project	A report received from the CVO, NHPC was sent to the Cabinet Secretariat. Cabinet Secretariat advised that the said report may also be sent to CVC for appropriate action. The report was forwarded to CVC.
16.	Complaints regarding various issues of Chamera-III HE project.	Report of CVO, NHPC was sent to Cabinet Secretariat. Cabinet Secretariat advised not to pursue the matter unless CVC are looking into any of these issues. No reference in this regard has been received from CVC so far.
17.	Complaint with allegation of huge corruption at Parbati-III HE Project in connivance with HOP and others by Shri J. K. Sharma, Director (Project)	As advised by the Cabinet Secretariat a report was forwarded to CVC vide Ministry's letter No.C-13011/91/2012-V&S dated 24 th January 2013.
18.	Fixing the award of foot suspension bridge of Omkareshwar Project in favour of M/s J. C. Gupta.	The matter pertains to below board level officers. The same was referred to CVO,

		NHPC for necessary action. The matter has been closed by NHPC. Warning issued to the concerned officers.
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ANNEX-B

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 3947 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

(Details of Vigilance Complaints related to Construction Works of various projects of NHPC received in the NHPC)

Sl. No.	Brief details of the complaint	Status
1.	Allowing steels poles from unauthorized vendors for RE works Udampur	Prosecution sanction against 4 officers was accorded by NHPC. Prosecution proceedings have been lodged by CBI, outcome of which yet to be intimated by them to NHPC.
2.	Favouring M/s J.P. Industries	Closed on 07.06.12
3.	Malpractices in awarding works	Closed on 18.8.11
4.	Corruption & large scale malpractices at Chamera-II Power Station	Closed on 26.10.12
5.	Irregularities in construction Activities	Disciplinary proceedings are in progress
6.	Award of foot suspension bridge of Omkareshwar Project (NHDC)	Closed. Warning issued vide no. PEE/III/2020/6918-20 dt. 01.11.12
7.	Undue benefit to contractor at Chamera-III Power Station	Under Examination
8.	Irregularities in payment of Hydel allowance & PHEP-III	Under Investigation

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 3947 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

STATUS OF CASES REFERRED BY CVC RESULTING FROM CTE's PARAS

Sr. No	Brief details of the Complaint	Status
1.	CVC vide OM no 006/PWR/041-153387 dated 11.11.2011 advised to initiate minor penalty proceedings/warning/advisory note against concerned officers based on irregularities regarding construction of 30 nos temporary B-type quarters at Sainj at Parbati-II HEP which was based on detailed investigation of para's 4.2.2, 4.2.6, 8.2.7, 8.2.8, 10.1.2, 10.3.1, 11.3.2, 11.3.3, 11.3.5, 11.7.4 and 12.1 of the report No. 03-05-F-08-NH-21 dated 13-05-05 received vide no. 006/PWR/041-16447 dated 23-07-08.	Detailed investigation report has been sent to CTE vide letter dated 16-8-2011. CVC vide their letter no. 006/PWR/041-153387 dated 11-11-2011 advised initiation of minor penalty proceedings against 5 officers at Sl 1 to 5 and warning/advisory against Officers at Sl 6 to 8. Memorandum for imposition minor penalty were issued by the concerned DA's to ShriRajanJairath, SM, ShriShahid Ahmed, Manager (C), ShriGopalKhandelwal, DM (C) Shri Sanjay Mishra, JE (C). Memorandum for minor penalty was issued to Sh. A.K. Chhabra. Reply furnished by Sh AK Chhabra on 09.05.2012.Recommendation of CVO & DA i.e. CMD, NHPC regarding the case of Sh. A.K. Chhabra was furnished to CVC. CVC advised conselling to Sh. A.K. Chhabra, ED which has been done by his controlling officer on 19.09.2012. A memorandum regarding warning/advice to be careful in future has been issued to Shri J.K. Singh CE (C) ,Shri Vijay Kumar Mittal DM (C) , Sh Ravi Kumar DM (C) by their concerned controlling officers.
2.	CVC vide OM no 010/PWR/007-178724 dated 21.06.2012 has advised to initiate minor penalty proceedings against concerned officers regarding irregularities during tendering process which was based on detailed investigation of Para no 5.2.7, 5.2.8, 5.2.9, 5.2.10, 5.2.11 of OM no 010/PWR/007-76520 dt 19.02.2010 pertaining to intensive examination of award of civil works (LOT I) of Chamera HEP Stage III.	Detailed investigation report sent to CVC vide no NH/Vig/6-324 (31-3)/224 dt 9.3.12. CVC vide OM no 010/PWR/007-178724 dt 21.06.12 advised initiation of minor penalty action against three officers. Memorandum for imposition of minor penalty were issued by the concerned DA's to Sh M K Goel, CE (C) , Sh T K Kapoor CE (C) , Sh S.N. Upadhyaya, Chief (Fin).

3.	CVC vide No 009/PWR/050/183380 dt. 06.08.12 asked regarding 8.2.12, 8.2.12.1 & 8.2.12.2 to identify the concerned officers. Earlier, CVC vide No 006/PWR/050-18208 dated 08.08.2008 directed to carry detailed investigation of Para 6.2.9, 6.2.11, 8.2.12, 8.2.12.1, 8.2.12.2, 8.2.14 for Teesta-V HE Project Lot-TT3 based on I/E report of CTE.	Report furnished to CVC vide No NH/Vig/2720/415 dated 30.4.2012. CVC vide No 009/PWR/050/183380 dt. 06.08.12 asked regarding 8.2.12, 8.2.12.1 & 8.2.12.2 to identify the concerned officers. Clarifications obtained from concerned officers and report under finalisation.
4.	CVC directed to identify the officers responsible vide No 008/PWR/075-178532 dt. 21.06.2012. Earlier, CVC vide OM No 008/PWR/075-29486 dated 22.12.2008 asked to furnish detailed investigation report regarding para Para 4.2, 4.2.1, 4.2.2, 4.2.3 & 4.2.4 based on Intensive examination by CTE for Lot PB-II Parbati-II HE Project.	Vide No NH/Vig/6329/26-43/440-41 dated 9.05.2012 report furnished to CVC. CVC directed to identify the officers responsible vide No 008/PWR/075-178532 dt. 21.06.2012. Report submitted to CVC vide no NH/Vig/6-329/26-43/229 dt. 05.03.2013.
5.	CVC vide no 011/PWR/019-178510 dated 20.08.2012 requested to furnish detailed report on lapses 1 and 2 only. Earlier, CVC vide no 011/PWR/019-132116 dated 13.06.2011 referred for detailed investigation of para 4.2, 4.3, 5.1, 5.6, 5.6.1, 5.6.2, 5.7 & 5.11 based on Intensive examination by CTE for Lot -1 Civil works Chutak HE Project.	Report submitted to CVC vide no NH/vig/6-332(58-2)/413 dated 30.04.2012. CVC vide no 011/PWR/019-178510 dated 20.08.2012 requested to furnish detailed report on lapses 1 and 2 only. Report under preparation.
6.	CVC vide OM No 008/PWR/075-157356 dated 09.12.2012 asked to furnish detailed investigation report regarding para Para 6.8 based on Intensive examination by CTE for Lot PB-II Parbati-II HE Project.	Clarification obtained from the concerned officers and report under finalisation.
7.	CVC vide no. 011/PWR/041-178407 dated 20.06.2012 referred to submit report regarding lapses. Earlier, CVC vide no. 011/PWR/041-157498 dated 13.12.2011. referred paras 4.3, 5.3, 5.6, 5.1 for detailed Investigation based on Intensive examination by CTE for Lot -1 Civil works of Nimmo-Bazgo HE Project	Report submitted to CVC vide No NH/vig/6-331(36-4)/412 dated 27.04.2012. CVC vide no. 011/PWR/041-178407 dated 20.06.2012 referred to submit report regarding lapses. Clarification obtained from concerned officers & report under finalisation.
8	CVC vide No 008/PWR/075-173597 dated 03.05.2012 referred para 4.1 for detailed investigation based on Intensive examination by CTE for Lot PB-II Parbati-II HE Project.	Detailed investigation report submitted to CVC vide no NH/Vig/6-329/139 dated 06.02.2013.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3956
TO BE ANSWERED ON 21.03.2013

STRENGTHENING OF POWER DISTRIBUTION SYSTEM

3956. SHRI G.M. SIDDESWARA:
SHRI P.R. NATARAJAN:

Will the Minister of POWER
be pleased to state:

- (a) whether the Union Government proposes to strengthen the power distribution system across the country;
- (b) if so, the details of models under the consideration of the Union Government in this regard including the Public-Private Partnership (PPP);
- (c) whether the Union Government has made any consultations with the State Governments in the matter;
- (d) if so, the details and the outcome thereof; and
- (e) the estimated expenditure likely to be involved in this regard and the time by which it will be finalized?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a): Yes, Madam. The steps taken by the Union Government to strengthen the power distribution system of the country are given in Annex.

(b) to (d): A Task Force on Private Participation in Power Sector distribution was constituted in November, 2010 under the Chairmanship of Shri B.K. Chaturvedi, Member Planning Commission to develop a framework for enabling private participation in the distribution of electricity. As per the report, State representatives were co-opted in the Task Force, which endorsed both Public Private Partnership (PPP) Model and the Franchisee Model leaving it to the States to choose a model that they think is useful for them.

PPP Model in the distribution of electricity encompasses all functions and obligations relating to distribution of electricity in a license area. The concessionaire, selected through competitive bidding, would be responsible for maintenance, operation and upgradation of the distribution network and the supply of electricity to the regulated consumers. Reduction of AT&C losses, improvement in quality of power supplied, strengthening of distribution network, improved customer satisfaction and introduction of competition through open access are some of the salient feature of this model.

Public Private Partnership (PPP) has been implemented by the way of privatization and appointment of distribution franchisee in some States. The distribution sector in the States of Odisha and Delhi was privatized in 1999 and 2002 respectively.

Public Private Partnership in the form of Urban Distribution Franchisee (UDF) is in place in the states of Maharashtra in towns of Bhiwandi, Nagpur, Aurangabad and in state of Uttar Pradesh in Kanpur & Agra urban areas.

(e): Electricity is a concurrent subject and the responsibility of electricity distribution rests with the States. Government of India acts as a facilitator in supplementing the efforts of States to provide power to consumers in an improved manner.

However, under the Restructured-Accelerated Power Development and Reforms Programme (R-APDRP), projects worth Rs.32323.67 Crores have been sanctioned. Cumulatively an amount of Rs.6456.01 Crore has been disbursed under R-APDRP, for sanctioned projects.

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 3956 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

The steps taken by the Union Government to strengthen the power distribution system of the country are as under:

R-APDRP:

To reduce the AT&C losses in the country and to improve the power distribution sector of state utilities, Government of India has launched the Restructured-Accelerated Power Development and Reforms Programme (R-APDRP) during 11th Plan period. The focus of R-APDRP is on actual demonstrable performance by utilities in terms of sustained AT&C loss reduction in the project areas. Projects under the scheme are taken up in two parts in towns having population more than 30,000 (10,000 for special category States) as per census 2001. Part-A of the scheme is for establishing IT enabled system for energy accounting / auditing and Supervisory Control and Data Acquisition (SCADA) for big cities (population:4 lacs and Annual Energy Input: 350MU) whereas Part-B is for up-gradation, augmentation & strengthening of electrical infrastructure in project towns.

So far (as on 28.2.2013), under R-APDRP, projects worth Rs.32323.67 have been sanctioned. Cumulatively an amount of Rs.6456.01Crore has been disbursed under R-APDRP, for sanctioned projects.

Rating of Utilities

In order to enable a unified approach by Financial Institutions (FIs)/ Banks for funding State Distribution Utilities, Ministry of Power has developed an integrated rating methodology for State Distribution Utilities. The overall objective of the integrated rating methodology is to devise a mechanism for incentivizing/ disincentivising the distribution utilities so as to improve their operational and financial performance, enable regulatory compliance and influence respective State Govts. to fulfill commitments on subsidy, equity support including transition funding support to achieve self-sustaining operations.

Order of Appellate Tribunal for Electricity (APTEL)

Ministry of Power has requested "Appellate Tribunal for Electricity" to issue directions under section 121 of the Electricity Act to the State Regulatory Authorities to revise the tariff appropriately (suo-motto, if required), in the interest of improving the financial health and long term viability of electricity sector in general and distribution utilities in particular.

The Appellate Tribunal for Electricity(APTEL) in its order dated 11th November, 2011 has issued directions to the State Commissions with a view to improve the financial health of SEBs/ Discoms and ultimately help to deal with the

mounting arrears of pending dues of the distribution utilities, which inter alia include automatic fuel & power purchase adjustment cost, suo-motto determination of tariff, if petition is not filed by utility, annual truing up of accounts and no resource gap to be left uncovered by SERCs. The regulatory assets are to be created only in extraordinary circumstances & to be liquidated in maximum 3 years.

Model Tariff Guidelines:

Forum of Regulators have resolved to implement Model Tariff Guidelines, which address issue of rationalization of tariff. FOR (Forum of Regulators) has circulated Model Tariff Guidelines to SERCs, for their adoptions. Now SERCs are required to adopt these tariff guidelines and make regulation. Adoption of Model Tariff Guidelines is a precondition for disbursement of loan by Power Finance Corporation and Rural Electrification Corporation to utilities.

Financial Restructuring of State Distribution Companies

A scheme for Financial restructuring of State Owned Discoms has been notified by the Government of India to enable the turnaround of the State Discoms and ensure their long term viability. The scheme contains measures to be taken by the State Discoms and State Govt for achieving financial turnaround by restructuring their debt with support through a Transitional Finance Mechanism by Central Govt.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3972
TO BE ANSWERED ON 21.03.2013

SWITCHING OF OPERATORS

3972. SHRI P.R. NATARAJAN:

Will the Minister of POWER
be pleased to state:

- (a) whether the power consumers across the country can switch over from original power distribution company to another one;
- (b) if so, the details thereof along with the mechanism for the same; and
- (c) the details of the number of power consumers who have changed their original power distribution companies so far, State/UT-wise?

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 the Electricity Act(EA),2003 and the regulations framed thereunder by the Appropriate Commission, a consumer can choose to get supply from an entity other than the existing distribution licensee inter alia under the following scenarios viz., - in the event of a second or subsequent distribution licensee in the same area of supply and/or through open access. Relevant provisions of the EA, 2003 are attached as Annex.

(c) : Apart from Maharashtra, the information received from other State Commissions regarding the number of power consumers who have changed their original power distribution companies till now is 'Nil'. In Maharashtra, the details of year wise number of consumer who have changed over from the distribution licensee Rlnfra-D to another distribution licensee Tata Power Company - Distribution (TPC-D) in Suburbs of Mumbai is tabulated below:

Details of Changeover consumers-TPC-D

Financial Year	Changeover During the Year	Cumulative Changeover at the End of the Year
2009-10	22703	22703
2010-11	81954	104657

2011-12	130093	234750
2012-13 (upto Feb.2013)	84017	318767

ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 3972 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

Section 14 of the Electricity Act, 2003, "*the Appropriate Commission may grant a licence to two or more persons for distribution of electricity through their own distribution system within the same area, subject to the conditions that the applicant for grant of licence within the same area shall, without prejudice to the other conditions or requirements under this Act, comply with the additional requirements relating to the capital adequacy creditworthiness, or code of conduct as may be prescribed by the Central Government, and no such applicant, who complies with all the requirements for grant of licence, shall be refused grant of licence on the ground that there already exists a licensee in the same area for the same purpose*".

"Section 42. (Duties of distribution licensee and open access): ---(1) It shall be the duty of a distribution licensee.....

(2) The State Commission shall introduce open access in such phases and subject to such conditions, (including the cross subsidies, and other operational constraints) as may be specified within one year of the appointed date by it and in specifying the extent of open access in successive phases and in determining the charges for wheeling, it shall have due regard to all relevant factors including such cross subsidies, and other operational constraints:

Provided that such open access shall be allowed on payment of a surcharge] in addition to the charges for wheeling as may be determined by the State Commission:

Provided further that such surcharge shall be utilized to meet the requirements of current level of cross subsidy within the area of supply of the distribution licensee :

Provided also that such surcharge and cross subsidies shall be progressively reduced in the manner as may be specified by the State Commission:

Provided also that such surcharge shall not be leviable in case open access is provided to a person who has established a captive generating plant for carrying the electricity to the destination of his own use:

Provided also that the State Commission shall, not later than five years from the date of commencement of the Electricity (Amendment) Act, 2003, by regulations, provide such open access to all consumers who require a supply of electricity where the maximum power to be made available at any time exceeds one megawatt.

.....2.

(3) Where any person, whose premises are situated within the area of supply of a distribution licensee, (not being a local authority engaged in the business of distribution of electricity before the appointed date) requires a supply of electricity from a generating company or any licensee other than such distribution licensee, such person may, by notice, require the distribution licensee for wheeling such electricity in accordance with regulations made by the State Commission and the duties of the distribution licensee with respect to such supply shall be of a common carrier providing non-discriminatory open access .

(4) Where the State Commission permits a consumer or class of consumers to receive supply of electricity from a person other than the distribution licensee of his area of supply, such consumer shall be liable to pay an additional surcharge on the charges of wheeling, as may be specified by the State Commission, to meet the fixed cost of such distribution licensee arising out of his obligation to supply.

(5) Every distribution licensee shall, within six months from the appointed date or date of grant of licence, whichever is earlier, establish a forum for redressal of grievances of the consumers in accordance with the guidelines as may be specified by the State Commission.

(6) Any consumer, who is aggrieved by non-redressal of his grievances under sub-section (5), may make a representation for the redressal of his grievance to an authority to be known as Ombudsman to be appointed or designated by the State Commission.

(7) The Ombudsman shall settle the grievance of the consumer within such time and in such manner as may be specified by the State Commission.

(8) The provisions of sub-sections (5), (6) and (7) shall be without prejudice to right which the consumer may have apart from the rights conferred upon him by those sub-sections."

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3979
TO BE ANSWERED ON 21.03.2013

GENERATION OF RENEWABLE ENERGY

†3979. SHRI KIRTI AZAD:

Will the Minister of POWER
be pleased to state:

- (a) the details of the conditions laid down for generation of renewable energy as per the provisions of the Electricity Act, 2003;
- (b) whether a number of States have failed to fulfill the said conditions;
- (c) if so, the details thereof, State-wise;
- (d) whether the Union Government has allowed the States to get the renewable energy certificates from private companies for meeting the condition of mandatory purchase of renewable energy; 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) : Electricity Act, 2003 has provided for promotion of efficient and environmentally benign policies and for matters connected therewith or incidental thereto. Section 86(1) (e) of the Electricity Act, 2003, provides the functions of State Electricity Regulatory Commission (SERC) inter alia, to :

“(e) promote cogeneration and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licence;”

Further, the Tariff Policy notified by the Central Government under the Electricity Act, 2003 on 06.01.2006, inter alia, provides that the Appropriate Commission shall fix minimum percentage for purchase of electricity from renewable sources taking into account availability of such resources in the region and its impact on retail tariffs. The Act and Policy do not apply any restriction on procurement of power by an obligated entity in excess of the minimum Renewable Purchase Obligation (RPO) fixed by the Appropriate Commission.

A statement indicating the Renewable Purchase Obligation (RPO) target set by the various SERCs, as per the information available with the Forum of Regulators (FOR) Secretariat, is at Annex-I.

(b) & (c): Compliance of RPO is monitored by State Electricity Regulatory Commissions (SERCs)/Joint Electricity Regulatory Commissions (JERCs).

(d) & (e): Renewable Energy Certificate (REC) Mechanism is a market based mechanism which seeks to address the mismatch between availability of RE sources and the requirement of the obligated entities to meet their RPO. It is also expected to encourage the RE capacity addition in the States where there is potential for RE generation as the REC framework seeks to create a national level market for such generators to recover their cost.

Central Electricity Regulatory Commission (CERC) has notified CERC (Terms and Conditions for recognition and issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010 in fulfillment of its mandate to promote renewable sources of energy and development of market in electricity. Salient features of the Regulations are enclosed as Annex-II.

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 3979 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

S. NO	STATE	CATEGORY	Renewable Purchase Obligation (RPO) Target in percentage												RPO ON CPP	RPO ON OPEN ACCESS CONSUMER
			2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21			
1	Andhra Pradesh	Solar			0.25%	0.25%	0.25%	0.25%	0.25%					>= 1 MW (YES)	YES	
		Non Solar			4.75%	4.75%	4.75%	4.75%	4.75%							
		Total RPPO			5.00%	5.00%	5.00%	5.00%	5.00%							
2	Arunachal Pradesh		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	YES	YES	
		Solar			0.10%	0.15%	0.20%									
		Non Solar			4.10%	5.45%	6.80%									
		Total RPPO			4.20%	5.60%	7.00%									
3	Assam		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	YES	YES	
		Solar	0.05%	0.10%	0.15%	0.20%										
		Non Solar	1.35%	2.70%	4.05%	5.40%										
		Total RPPO	1.40%	2.80%	4.20%	5.60%	7%									
4	Chhattisgarh		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	>= 1 MW (YES)	>= 1 MW (YES)	
		Solar	0.25%	0.25%	0.50%											
		Biomass	3.75%	3.75%	3.75%											
		Other RE	1.00%	1.25%	1.50%											
		Total RPPO	5%	5.25%	5.75%											
5	Delhi		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	>= 5 MW	>= 1 MW	
		Solar	0.10%	0.15%	0.20%	0.25%	0.30%	0.35%								
		Non Solar	1.90%	3.25%	4.60%	5.95%	7.30%	8.65%								
		Total RPPO	2.00%	3.40%	4.80%	6.20%	7.60%	9.00%								
6	Gujarat		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	>= 5 MW	>= 5 MW	
		Solar	0.25%	0.50%	1%											
		Wind	4.50%	5%	5.50%											
		Biomass	0.25%	0.50%	0.50%											
		Total RPPO	5%	6%	7%											
7	Haryana		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	YES	LONG TERM OPEN ACCESS CONSUMERS	
		Solar	0.25%	0.50%	0.75%	1.00%										
		Non Solar	1.25%	1.00%	1.25%	2.00%										
		Total RPPO	1.50%	2%	2%	3%										

Sl. No.	State	Category	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	>= 1 MW (YES)	>= 1 MW (YES)
17	Nagaland	Solar	0.25%	0.25%	0.25%										
		Non Solar	5.75%	6.75%	7.75%										
		Total RPPO	6%	7%	8%										
18	Orissa		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21		>= 5MW
		Solar		0.10%	0.15%	0.20%	0.25%	0.30%							
		Non Solar	1%	1.20%	1%	1.60%	2%	2.00%							
		CO-GEN	3.50%	3.70%	3.95%	4.20%	4.45%	4.70%							
	Total RPPO	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%								
19	Punjab		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21		YES
		Solar	0.03%	0.07%	0.13%	0.19%									
		Non Solar	2.37%	2.83%	3.37%	3.81%									
		Total RPPO	2.40%	2.90%	3.50%	4%									
20	Tripura		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21		>= 5MW
		Solar	0.10%	0.10%	0.10%										
		Non Solar	0.90%	0.90%	1.90%										
		Total RPPO	1%	1%	2%										
21	Uttarakhand		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21		YES
		Solar													
		Non Solar													
		Total RPPO	9%	10%											
22	Uttar Pradesh		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21		>= 1 MW
		Solar	0.25%	0.50%	1%										
		Non Solar	3.75%	4.50%	5%										
		Total RPPO	4.00%	5.00%	6.00%										
23	Tamil Nadu		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21		
		Solar		0.05%											
		Non Solar		8.95%											
		Total RPPO		9%											
24	Rajasthan		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Captive consumers of CPP/open access consumers purchase obligation as per RERC Regulations, 2007, including cogeneration	
		Solar													
		Non Solar													
		Total RPPO		6.00%	7.10%	8.20%									2010-11
													2011-12	9.50%	

25	Bihar		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21		>= 5MW	>= 5MW	
		Solar	0.25%	0.50%	0.75%	1.00%	1.25%										
		Non Solar	1.25%	2.00%	3.25%	3.50%	3.75%										
		Total RPPO	1.50%	2.50%	4%	4.50%	5%										
26	Karnataka		2010-11	2011-12	2012-13	2013-14	2014-15								>= 5MW(5% of consumption)	>= 5MW(5% of consumption)	
		ESCOM	RPO FROM OTHER SOURCES			SOLAR RPO											
		BESCOM	10%			0.25%											
		MESCOM	10%			0.25%											
		CESC	10%			0.25%											
		HESCOM	7%			0.25%											
		GESCOM	7%			0.25%											
		Hukkeri Society	7%			0.25%											
27	Kerala		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21		YES	YES	
		Solar	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%									
		Non Solar	2.75%	3.05%	3.38%	3.74%	4.14%	4.58%									
		Total RPPO	3.00%	3.30%	3.63%	3.99%	4.39%	4.83%	10% increase every year upto a maximum of 10%								

ANNEX REFERRED TO IN REPLY TO PARTS (d) & (e) OF UNSTARRED QUESTION NO. 3979 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

Salient Features of REC framework

- Renewable Energy Certificate (REC) mechanism is a market based instrument to promote renewable energy and facilitate renewable purchase obligations (RPO).
- REC mechanism is aimed at addressing the mismatch between availability of RE resources in state and the requirement of the obligated entities to meet the renewable purchase obligation (RPO).
- Cost of electricity generation from renewable energy sources is classified as cost of electricity generation equivalent to conventional energy sources and the cost for environmental attributes.
- RE generators have two options i) either to sell the renewable energy at preferential tariff or ii) to sell electricity generation and environmental attributes associated with RE generations separately.
- The environmental attributes can be exchanged in the form of Renewable Energy Certificates (REC).
- REC is issued to the RE generators for 1 MWh of electricity injected into the grid from renewable energy sources.
- REC is issued to RE generators only.
- REC is purchased by the obligated entities to meet their RPO under section 86 (1) (e) of the Act. Purchase of REC would be deemed as purchase of RE for RPO compliance.
- Grid connected RE Technologies approved by MNRE are eligible under this scheme.
- RE generations with existing PPAs are not eligible for REC mechanism.
- SERC to recognize REC as valid instrument for RPO compliance.
- Central Agency for registration, repository, and other functions for implementation of REC framework at national level.
- Only accredited project can register for REC at Central Agency.
- REC is exchanged only in the CERC approved power exchanges.
- REC is exchanged within the forbearance price and floor price determined by CERC.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.3986
TO BE ANSWERED ON 21.03.2013

ELECTRICITY IN SCHOOLS

3986. SHRI VILAS MUTTEMWAR:

Will the Minister of POWER
be pleased to state:

- (a) the percentage of schools in rural areas of the country having access to electricity, State/UT-wise;
- (b) whether the Union Government propose to take any steps for providing electricity to all the Government schools in the rural areas of the country on top priority so that the computer education programme is not hampered; and
- (c) if so, the details thereof and the likely time frame by which electricity will be provided to all the schools in the rural areas of the country?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) to (c) : Providing electricity connection to public places including schools falls under the purview of States/Distribution Companies (DISCOMs). Since Government of India does not provide subsidy for connections to schools and other public places under RGGVY, the details of electrified schools are not maintained centrally. However, as per the evaluation study of RGGVY carried out by 4 agencies in 20 different States on random sampling basis, almost 96% schools of the villages covered under evaluation study have been provided access to electricity.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4002
TO BE ANSWERED ON 21.03.2013

CONFERENCE OF INTERNATIONAL EXPERTS

4002. SHRI THIRUMAAVALAVAN:

Will the Minister of POWER
be pleased to state:

- (a) whether the Union Government proposes to convene a conference of International experts, World Bank officials etc. to solve the power shortage in the country;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefor?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : No, Madam.

(c) : Need has not been felt.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4013
TO BE ANSWERED ON 21.03.2013

CORPORATE SOCIAL RESPONSIBILITY OF REC

4013. SHRI KISHNBHAI V. PATEL:
SHRI PRADEEP MAJHI:

Will the Minister of POWER
be pleased to state:

- (a) the details of the criteria fixed for providing assistance by the power companies under the Corporate Social Responsibility (CSR);
- (b) whether the Rural Electrification Corporation Limited (RECL) is assisting various programmes under CSR;
- (c) if so, the details of those programmes and the assistance being provided by REC thereon, programme/State-wise; and
- (d) the details of the funds sanctioned, released and utilized by RECL for those programmes in various States during each of the last three years and the current year, programme/State-wise?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : The criteria for providing assistance by Central Public Sector Enterprises (CPSEs) under control of Ministry of Power are as per Guidelines on Corporate Social Responsibility (CSR) for CPSEs issued on 9th April, 2010 by Department of Public Enterprises (DPE).

(b) to (d) : Yes, Madam. Rural Electrification Corporation Limited (RECL) is assisting various programmes under CSR. The details of CSR programmes, fund sanctioned, released/utilized in various States/Union Territories in respect of RECL during last three years and current financial year are at Annex.

ANNEX REFERRED TO IN REPLY TO PARTS (b) TO (d) OF UNSTARRED QUESTION NO. 4013 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

RURAL ELECTRIFICATION CORPORATION LIMITED, NEW DELHI				
DETAILS OF CSR PROGRAMME, FUNDS SANCTIONED, RELEASED & UTILIZED IN VARIOUS STATES AND UTs				
As on 31.12.2012				
CSR STATUS (SANCTIONED IN FY 2009-2010)				
SL NO.	Programme Details	Funds sanctioned (Rs.)	Funds released / utilized as on 31.12.2012 (Rs.)	States/UT covered
1	Purchase of Mobile Vans for Mid-day meal programme	1,350,000	1,350,000	Delhi and Haryana
2	Donation based activity	100,000	100,000	All-India
3	Cultural programs in Delhi during Maharashtra Mahotsav	300,000	300,000	All-India
4	Sponsorship for conducting cultural program in Delhi	25,000	0	All-India
5	Sponsorship for language and Culture Promotion program in Delhi	50,000	50,000	All-India
6	Sponsor of Nalanda Memorial Foundation organised by Nalanda Memorial foundation on 20-09-2009 at Mavelankar Auditorium New Delhi	50,000	50,000	All-India
7	Sponsorship for publication of magazine on Physically Handicapped persons	50,000	50,000	New Delhi
8	Promotion of Energy Efficiency awareness and painting competition among children in Pondicherry	505,000	504,547	Pondicherry
9	Assistance under 'Project Assist' for children rendered orphan / destitute due to communal , ethnic or terrorist violence and thus promote communal harmony.	1,000,000	1,000,000	All-India
10	Construction of Community Centre for Physically handicapped persons	6,000,000	6,000,000	Tamil Nadu
		9,430,000	9,404,547	

CSR STATUS (SANCTIONED IN FY 2010-2011)				
SL NO.	Programme Details	Funds sanctioned (Rs.)	Funds released /utilized as on 31.12.2012 (Rs.)	States/UT covered
1	Promotion of Marathi Literature	330,000	165,000	Mumbai, Maharashtra
2	Skill Development training for safai karamcharis wards leading to their employment	3,375,000	2,000,000	Gujarat, Bihar, Rajasthan, MP, Chhattisgarh, Himachal Pradesh, Punjab
3	To conduct a festival of dance "Ashtapadi" featuring a new choreography of songs from Jayadev's Geetagovinda in Odissi dance form, organized on the sidelines of CWG Delhi 2010 in Kamani Auditorium, New Delhi during Oct 12-13, 2010.	500,000	500,000	New Delhi
4	Promotion of Sports & Games (Chess)	500,000	500,000	All India
5	For organizing " Inter state Inter Zonal" and Senior National Badminton Championship from Jan2-10, 2011 in Haryana	1,000,000	1,000,000	All India
6	For the support of (Physically and mentally challenged) artists for holding an Exhibition of Art works on the occasion of SAMBHAV 2010 during Nov 13-14, 2010 at India International Trade centre (IIC) New Delhi	100,000	75,000	All-India
7	Assistance of Rs 5 Lacs was sanctioned for organizing the "44 National Championship and Hind Kesri Wrestling Competition" (NWC2010) in Aurangabad, Maharashtra from Oct 28-31, 2010	500,000	375,000	Aurangabad, Maharashtra
8	To support of "International Joint Conference of Power Electronics, Drives and Energy Systems 2010 (PEDES 2010)" held at New Delhi from Dec 20-23, 2010.	100,000	100,000	All India
9	Skill Development training of rural youths	3,230,000		
10	Promotion of Education	2,340,000	2,340,000	All India
11	Promotion of Education	280,000	280,000	All India
12	Promotion of Education	35,465	35,465	All India
13	Promotion of Sports	1,000,000	400,000	Haryana
14	Promotion of Sports	1,000,000	400,000	Odisha
15	Promotion of Health and family welfare	526,000	526,000	New Delhi
16	Construction of School Building	826,000	0	Midnapore, West Bengal
17	Supply of Solar lighting to villagers	9,000,000	9,000,000	Assam, MP, Maharastra
18	Purchase of Mobile Vans for Mid-day meal programme	1,800,000	1,800,000	New Delhi
19	Purchase of Mobile Medical Van	600,000	600,000	Haryana
20	Promotion of Education	3,621,313	3,621,313	All India
21	Concurrent and final impact evaluation of CSR projects	1,000,000	431,805	All India
		31,663,778	24,149,583	

CSR STATUS (SANCTIONED IN FY 2011-2012)				
SL NO.	Programme Details	Funds sanctioned (Rs.)	Funds released /utilized as on 31.12.2012 (Rs.)	States/UT covered
1	Skill Development training of rural/semi urban unemployed youth leading to employment	15,255,000	15,255,000	Bihar, Chhattisgarh, Jharkhand, MP, Odisha
2	Skill Development training of rural/semi urban unemployed youth leading to employment	16,291,000	15,476,640	Bihar, Chhattisgarh, Jharkhand, MP, Odisha
3	Up-gradation of Adult Education Centre (AEC) into Model Adult Education Centre (mAEC) at 220 village panchayats and setting up of mAECs at 100 District panchayat level	105,000,000	105,000,000	AP, Bihar, Chhattisgarh, Odisha, UP, Jharkhand, MP, Assam, J&K, Rajasthan
4	Award to Hockey Players who won Gold medal in Asian Chamionships 2011	2,700,000	2,700,000	All-India
5	Award to Hockey Players who qualified for London Olympics	1,800,000	1,800,000	All-India
		136,546,000	140,231,640	

CSR STATUS (SANCTIONED IN FY 2012-2013)				
SL NO.	Programme Details	Funds sanctioned (Rs.)	Funds released /utilized as on 31.12.2012 (Rs.)	States/UT covered
1	Providing of Ambulance	1,347,623	1,200,000	Pant Nagar, Uttarakhand
2	Assistance heart surgeries of Little children	250,000	250,000	Kolkata
3	Assistance for children of riot affected families	500,000	500,000	Assistance for riot victims of Assam State
4	Assistance for Eye surgeries of slums of Mumbai	1,000,000	564,000	Assistance for Eye operations in Slums of Mumbai
5	Construction of hostel for Girls	1,500,750	1,491,623	Midnapore, West Bengal
6	Assistance of Mid-day meal scheme of Gol	2,400,000	2,160,000	Rural villages of Jaipur District Rajasthan
7	Construction of Tsunami ravaged school building.	7,478,000	2,595,932	Kuzuthura, Kollam District, Kerala State
8	Construction of Auditorium for school building.	3,300,000	1,197,739	Mathamanagalam, Kannaur District, Kerala State
9	Construction of Sewage / gas plant	7,639,000	42,739	Kayamkulam, Alppazuha, District, Kerala State
10	Skill Development training of rural/semi urban unemployed youth leading to employment	15,255,000	13,729,500	Bihar, Chhattisgarh, Jharkhand, MP, Odisha
11	Assistance for purchase of school kits, uniforms etc. for blind students	1,330,000	1,330,000	Delhi/NCR
12	Assistance for sensitization of school children for energy and water conservation	2,450,000	1,250,000	Delhi/NCR
13	Assistance for Rabindra Utsav-2012	1,000,000	1,000,000	Kolkata
14	Assistance for Golden Jubilee Half Marthon	500,000	500,000	New Delhi

15	Assistance of conquering Mt. Everest	100,000	100,000	Sholapur, Maharashtra
16	Assistance for disable people.	100,000	100,000	New Delhi
17	Assistance for Drinking water in three villages	5,694,000	0	3 villages in AP
18	Integrated Village development	4,986,000	1,575,000	Chhattisgarh, Odisha & UP
19	Assistance for construction of Toilet complex for 7 schools in Haryana	4,998,000	4,498,200	Sonepat District, Haryana
20	Providing Mobile clinic in villages of Rai Barielly, UP	12,728,000	1,981,500	Rai Barielly District, UP
21	Assistance for Seminar for Handicapped	500,000	500,000	All India
22	Setting up of Libraries in Delhi and Uttarakhand	5,000,000	3,500,000	Delhi & Uttarakhand
23	Assistance for Parents participation in Children Education	4,000,000	2,130,250	Maharashtra
24	Assistance heart surgeries of Little children	500,000	500,000	West Bengal
25	Assistance for Distribution of Aids and Appliances to PwDs	15,750,000	9,922,500	All India
26	Extending Solar lighting service to 30 villages of Assam State	4,950,000	495,000	Assam
27	'Reviving Crafts Heritage and Providing Sustainable Livelihood to the Artisans'	15,800,000	1,580,000	Gujarat
28	"Smart Green Power Project " in 30 hamlets of Ratangarh block, Churu district, Rajasthan	7,350,000	735,000	Rajasthan
29	Construction of Boundary wall & toilet complex, and Supply of furniture and other items	796,000	452,164	Odisha
30	Assistance for Computers, Printers, UPS, Sewing machine and other furniture items for schools/colleges in Jharkhand	3,200,000	1,687,500	Jharkhand
31	Assistance for Learning Camps in Uttar Pradesh	1,200,000	720,000	Maharashtra
32	Assistance to HelpAge India for Health Care Package i.e. Multi Facility Kit to 40 Old Age Homes	10,057,000	7,963,560	All India
33	Extending Solar lighting service to 30 villages of Odisha State	4,950,000	495,000	Odisha
34	Mobile Medical Unit to Improve Primary Health Care Services for the Underprivileged in Ashok Nagar, Madhya Pradesh	12,987,164	2,031,500	Madhya Pradesh
35	Assistance for providing employment oriented training and skill development programme for SC/ST/OBC Women & EWS of Society in Shivpuri location of Ashoknagar district Madhya Pradesh.	19,230,000	4,807,500	Madhya Pradesh
36	Eye Care day	500,000	500,000	New Delhi
		148,609,373	42,696,483	

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4016
TO BE ANSWERED ON 21.03.2013

PEOPLE AFFECTED DUE TO POWER PROJECTS

4016. SHRI JOSEPH TOPPO:

Will the Minister of POWER
be pleased to state:

- (a) the details of persons displaced and affected by Hydro and Thermal Power projects in the North Eastern States particularly in Assam, State-wise;
- (b) the details of the policy for rehabilitation and proper compensation to the affected people along with the financial assistance provided by the Government in this regard during the last three years, project and State-wise;
- (c) whether the people affected due to such power projects are being provided employment; and
- (d) if so, the details of the employment provided during the last three years, State-wise?

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 the persons displaced and affected by Hydro and Thermal Power Projects in the North Eastern States, State-wise, are given below:

Sl. No.	Name of Project	State	No. of Project Affected Persons
1.	Ranganadi Hydro Electric (H.E) Project, 405 MW	Arunachal Pradesh	297
2.	Kameng H.E. Project, 600 MW	Arunachal Pradesh	99
3.	Pare H.E. Project, 110 MW	Arunachal Pradesh	38
4.	Tripura Gas Based Power Project, 100 MW	Tripura	21
5.	Subansiri Lower HEP, 2000 MW	Arunachal Pradesh	77

(b) : Government of India have notified the National Rehabilitation and Resettlement (R&R) Policy, 2007 on 31.10.2007. The policy addresses the need to provide relief to the rural poor, support the rehabilitation efforts of the resource poor sections, namely small and marginal farmers, SCs/STs and women who have been displaced. Besides, it seeks to provide a broad canvas for an effective dialogue between the Project Affected Families and the Administration for Resettlement & Rehabilitation (R&R) to enable timely completion of project with a sense of definiteness as regards costs and adequate attention to the needs of the displaced persons.

The financial assistance provided are as under:

Sl. No.	Name of Project	Details of R&R
1.	Kameng H.E. Project, 600 MW	R&R scheme is being implemented through the State Government. Out of the total R&R cost of Rs.733 lakhs, an amount of Rs.497.58 lakhs has been released in three phases.
2.	Pare H.E. Project, 110 MW	R&R scheme is being implemented through the State Government. An amount of Rs.2.56 Crores has been released against land and other assets for construction of Model Village. Construction of infrastructure for the proposed Model Village under the R&R Plan has been estimated to be Rs.14.92 Crores out of which an amount of Rs.5.00 Crores has been released.
3.	Subansiri Lower HEP (2000 MW)	The full & final compensation to the affected families have been paid to State Govt. in Dec. 2009.

(c) & (d) : Appointments are made in group (c) & (d) posts through the local Employment Exchanges where the projects are located and preferences are given to the land affected people if otherwise found eligible.

In case of Subansiri Lower HE Project in Arunachal Pradesh, 50 persons have been provided permanent employment

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4053
TO BE ANSWERED ON 21.03.2013

APDRP

4053. SHRI ANANTH KUMAR:

Will the Minister of POWER
be pleased to state:

- (a) the details of funds allocated, sanctioned and released to various States and power distribution companies under the Accelerated Power Development and Reforms Programme (APDRP) during each of the last three years;
- (b) the reasons for shortfall in releases as compared to the sanctions, State/UT wise; and
- (c) the benefits of technology enhancement and the total estimated energy savings achieved under this scheme till date?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Accelerated Power Development and Reforms Programme (APDRP) was launched in 2002-03 as additional central assistance to the states for strengthening and up gradation of sub-transmission and distribution systems with main objectives of reduction in AT&C and commercial losses; improve quality and reliability of supply of power. All the states have completed the exercise of closure of the on-going projects of X Plan APDRP.

Government of India approved the Restructured-Accelerated Power Development and Reforms Programme (R-APDRP) as a Central Sector Scheme in July, 2008. The focus of R-APDRP is on actual demonstrable performance by utilities in terms of sustained Aggregate Technical and Commercial (AT&C) loss reduction in the project areas. Projects under the scheme are taken up in two parts in towns having population more than 30,000 (10,000 for special category States) as per census 2001. Part-A of the scheme is for establishing IT enabled system for energy accounting / auditing, customer care, computerized billing and collection etc., Supervisory Control and Data Acquisition (SCADA) for cities with a population of 4 lacs and Annual Energy Input of 350MU and Part-B projects are for up-gradation, augmentation & strengthening of electrical infrastructure in projects towns.

Under R-APDRP, no funds are allocated to States but are released in the form of loans against sanctioned projects in installments based on progress of projects and on achieving pre-defined milestones. So far (as on 28th February, 2013), under R-APDRP, projects worth Rs.32323.67Crores have been sanctioned. Cumulatively an amount of Rs.6456.01Crore has been disbursed under R-APDRP, for sanctioned projects.

The total amount of central financial assistance sanctioned and disbursed to various state power utilities under the R-APDRP Programme during each of last three financial years and the current year is enclosed at Annex.

(b): Till date, there has been no shortfall in release of funds for the sanctioned schemes. The demands of utilities are being catered to as per R-APDRP guidelines.

In R-APDRP, initially, 30% of scheme cost as first tranche for Part-A projects and up to 15% of scheme cost for Part-B projects is provided to the states after sanction of the projects.

(c) : R-APDRP scheme was launched by the Government of India in July 2008 with the aim to reduce AT&C losses and improving power distribution sector of state utilities.

As per PFC's report AT&C losses at national level has been reduced from 36.64% in 2002-03 to 26.15% in 2010-11. R-APDRP Scheme is still under implementation and 291 towns have been integrated with data center under Part-A of the Scheme. Initial assessment indicates reduction of AT&C losses on an average 6 to 7% in these towns.

Since, the projects sanctioned under R-APDRP scheme are at various stages of implementation, the benefits of technology enhancement and the total estimated energy savings achieved as a result thereof will be known only after the completion of the projects.

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 4053 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

YEARWISE SANCTIONS & DISBURSEMENTS IN R-APDRP

(All amount in Rs. Crore)(As on 28/02/2013)

State	Utility	SANCTIONS 2010-11	SANCTIONS 2011-12	SANCTIONS 2012-13	SANCTIONS CUMULATIVE (from 2008-09 to 2012-13)	DISBURSEMENTS 2010-11	DISBURSEMENTS 2011-12	DISBURSEMENTS 2012-13	DISBURSEMENTS CUMULATIVE (from 2008-09 to 2012-13)
Haryana	UHBVNL	230.69	257.79	0.00	563.64	0.00	0.00	0.00	22.54
	DHBVNL	0.00	185.10	0.00	275.57	0.00	0.00	0.00	27.14
HP	HPSEB	337.52	16.79	0.00	435.37	101.25	0.00	29.59	155.16
J&K	J&K PDD	17.50	1718.16	0.00	1870.15	5.25	515.45	0.00	561.04
Punjab	PSEB	0.00	1050.26	0.00	1834.94	0.00	207.41	10.26	368.07
	ED	33.34	0.00	0.00	33.34	0.00	0.00	0.00	0.00
Rajasthan	AVVNL	255.63	0.00	0.00	462.67	46.39	0.00	0.00	80.14
	JaVVNL	476.06	0.00	0.00	703.37	86.18	0.00	0.67	141.22
	JoVVNL	716.93	0.00	0.00	841.27	119.64	0.00	0.00	149.76
UP	MVVNL	470.93	642.29	0.00	1344.08	70.64	60.33	103.44	303.67
	PoorvaVVNL	350.85	74.11	0.00	533.93	52.63	0.00	22.23	107.55
	PaschimVVNL	474.11	453.66	0.00	1130.78	71.12	0.00	84.99	217.01
	DVVNL	535.81	562.53	0.00	1192.03	80.37	0.00	91.34	199.08
Uttarakhand	UPCL	0.00	409.18	0.00	535.00	0.00	33.59	117.79	189.13
MP	MPPKVVCL(E)	679.81	0.00	0.00	766.31	97.97	30.92	27.61	178.64
	MPMKVVCL(C)	862.64	0.00	0.00	977.70	134.69	2.55	0.00	172.09
	MPPKVVCL(W)	166.64	70.03	0.00	624.25	21.58	8.15	10.90	106.20
Gujarat	PGVCL	166.93	-0.15	0.00	804.35	118.95	0.00	19.57	161.09
	DGVCL	32.18	7.43	0.00	246.21	34.53	0.00	10.15	51.70
	MGVCL	26.18	-4.26	0.00	218.70	23.30	0.00	25.57	77.00
	UGVCL	33.82	2.34	0.00	93.75	13.84	0.00	0.70	24.43
Chhattisgarh	CSEB	0.00	751.30	0.00	873.75	0.00	0.00	118.85	155.59
Maharashtra	MSEDCL	1793.51	1682.31	154.54	3954.78	197.09	344.02	27.68	666.11
	BEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goa	GOA ED	0.00	0.00	0.00	110.73	0.00	0.00	0.00	31.47
Daman & Diu	ED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AP	APCPDCL	823.91	65.15	0.00	1064.09	123.59	19.55	0.00	195.65
	APEPDCL	0.79	0.00	0.00	64.76	0.73	0.00	0.00	18.93
	APNPDCL	12.47	0.00	0.00	217.91	0.00	3.74	0.00	41.21
	APSPDCL	39.19	0.00	0.00	215.45	0.00	11.76	0.00	54.38
Karnataka	BESCOM	0.00	0.00	0.00	551.64	43.78	0.00	0.00	121.95
	CESCOM	76.42	0.00	0.00	207.29	26.93	0.00	0.00	35.25
	GESCOM	0.00	0.00	0.00	238.16	30.12	0.00	0.00	41.33
	HESCOM	72.88	0.00	0.00	330.98	0.00	41.75	0.00	57.54
	MESCOM	0.00	0.00	0.00	12.07	0.00	0.00	0.00	3.62
Kerala	KSEB	926.33	28.99	206.13	1375.85	75.51	80.25	30.92	250.99
Tamil Nadu	TNEB	3357.82	0.00	0.00	3878.73	526.23	4.77	0.00	671.69
Puducherry	PD	0.00	0.00	0.00	27.53	0.00	4.50	0.00	4.50
Bihar	BSEB	0.00	647.18	530.05	1371.81	0.00	0.00	82.53	140.90
Jharkhand	JSEB	0.00	0.00	0.00	160.60	0.00	18.18	0.00	48.18
West Bengal	WBSEDCL	551.41	161.15	0.00	872.54	82.05	45.87	55.87	231.78
A&N Island	PD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Assam	APDCL	0.60	665.87	0.00	839.65	0.00	124.15	75.79	251.89
Arunachal	PD	37.68	0.00	0.00	37.68	11.30	0.00	0.00	11.30
Nagaland	PD	34.58	0.00	0.00	34.58	10.37	0.00	0.00	10.37
Manipur	PD	0.00	0.00	0.00	31.55	9.47	0.00	0.00	9.47
Meghalaya	MeSEB	0.00	0.00	0.00	33.97	10.19	0.00	0.00	10.19
Mizoram	PD	0.86	0.00	0.00	35.12	10.54	0.00	0.00	10.54
Sikkim	PD	68.46	0.00	0.00	94.76	20.54	0.00	0.00	28.43
Tripura	PD	0.82	148.26	16.83	200.28	0.00	43.07	6.71	60.09
Total		13665.30	9595.47	907.55	32323.67	2256.78	1600.00	953.16	6456.01

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4054
TO BE ANSWERED ON 21.03.2013

HYDRO POWER GENERATION

4054. SHRI DHANANJAY SINGH:

Will the Minister of POWER
be pleased to state:

- (a) the details of electricity generated from various Hydro Power Projects *vis-a-vis* their installed capacity, project and State-wise during each of the last three years;
- (b) whether the electricity generated therefrom have shown a declining trend over the years;
- (c) if so, the details thereof and the reasons therefor; and
- (d) the details of power generated from the Hydro Power Projects during peak hours, given that the generation of peaking power is supposed to be the Unique Selling Proposition of these projects?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : The State-wise and project-wise details of electricity generation from various Hydro Power projects *vis-à-vis* their installed capacity (above 25 MW), during each of the last three years i.e. 2009-10 to 2011-12 is given at *Annex*.

(b) & (c) : The total electricity generated from hydro power projects during 2009-10, 2010-11 and 2011-12 were 1,03,916.27 MU, 1,14,257.36 MU and 1,30,509.52 MU respectively and hence it has not shown a decline trend over the last three years.

(d) : The Unique Selling Proposition (USP) of reservoir based hydro projects is that their generation can be scheduled as per peak demand of the grid. The details of power generated from the Hydro Power projects during peak hours, for the last three2.

- 2 -

years is given below:

All India Average Hydro Generation (MW) at 1900 hrs (Peak hour)			
Month/ Year	2009-10	2010-11	2011-12
April	11436	11511	12936
May	9994	12090	13815
June	11855	13201	16049
July	14468	14789	19396
August	16994	17816	23305
September	19074	23058	28546
October	18957	20258	23590
November	16390	19152	19995
December	15592	17139	17322
January	14553	16250	16936
February	14436	16162	15933
March	12808	14835	15028

ANNEX

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 4054
TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

Station-wise / State-wise Actual Generation vis-à-vis Installed Capacity of Hydro Stations (Installed Capacity above 25 MW) in the country during the years 2009-10 to 2011-12						
Station / Utility	2009-10		2010-11		2011-12	
	INSTALLED CAPACITY (MW)	GENERATION (MU)	INSTALLED CAPACITY (MW)	GENERATION (MU)	INSTALLED CAPACITY (MW)	GENERATION (MU)
NORTHERN REGION						
CENTRAL						
BBMB						
1. Bhakra L&R	1325.00	4497.53	1325.00	5725.39	1325.00	6198.51
2. Ganguwal	77.65	545.06	77.65	432.94	77.65	534.40
3. Kotla	77.65	440.16	77.65	455.81	77.65	618.77
4. Dehar	990.00	2937.83	990.00	3313.01	990.00	3254.90
5. Pong	396.00	950.74	396.00	1346.28	396.00	1852.88
Total BBMB	2866.30	9371.32	2866.30	11273.43	2866.30	12459.46
NHPC						
1. BairaSiul	198.00	622.87	198.00	710.99	198.00	730.60
2. Salal-I	345.00	3023.60	345.00	3229.67	345.00	3219.00
3. Salal-II	345.00		345.00		345.00	
4. Tanakpur	94.20	471.11	94.20	464.99	94.20	487.60
5. Chamera-I	540.00	2064.64	540.00	2407.75	540.00	2659.30
6. Chamera-II	300.00	1368.84	300.00	1439.44	300.00	1521.70
7. Chamera-III						
8. Uri	480.00	2723.36	480.00	3039.45	480.00	2704.4
9. Dhauliganga	280.00	1133.86	280.00	1134.08	280.00	1156.80
10. Dulhasti	390.00	2263.96	390.00	2233.47	390.00	2198.70
11. Sewa-II (J&K)			120.00	363.26	120.00	561.90
12. Chutak						
Total NHPC	2972.20	13672.24	3092.20	15023.10	3092.20	15240.00
SJVNL						
1. NathpaJhakri	1500.00	7018.86	1500.00	7140.09	1500.00	7610.32
THDC						
1. Tehri	1000.00	2116.78	1000.00	3116.03	1000.00	3983.67
2. Koteswar			200.00		400.00	607.63
Total THDC	1000.00	2116.78	1200.00	3116.03	1400.00	4591.30
Total Central	8338.50	32179.20	8658.50	36552.65	8858.50	39901.08
HIMACHAL PRADESH						
HPSEBL						
1. Giri Bata	60.00	110.15	60.00	233.19	60.00	214.86
2. Bassi	60.00	189.20	60.00	191.75	60.00	155.43
3. Sanjay	120.00	625.14	120.00	647.22	120.00	590.08
4. Larji	126.00	601.76	126.00	666.43	126.00	696.93
Total HPSEBL	366.00	1526.25	366.00	1738.59	366.00	1657.30
MALANA POWER CO. LTD. (MPCL)						
1. Malana	86.00	301.76	86.00	333.64	86.00	376.06
JAIPRAKASH HYDRO POWER LTD.(JHPL)						
1. Baspa-II	300.00	1303.46	300.00	1474.00	300.00	1401.58
ALLAIN DUHANGAN HYDRO POWER LIMITED(ADPHL)						
1. AllainDuhagan (Pvt.)		0.00	192.00	144.10	192.00	616.01
JAYPEE KARCHAM HYDRO CORPORATION LTD						
1. KarchamWangtoo					1000.00	2514.36
LANCO GREEN POWER						
1. Budhil (Pvt.)		0.00		0.00		-
EVEREST POWER PRIVATE LTD						
1. Malana - II (Pvt.)		0.00		0.00	100.00	73.38
Total H.P.	752.00	3131.47	944.00	3690.33	2044.00	6638.69
JAMMU & KASHMIR						
J&KSPDC						

1. Lower Jhelum	105.00	391.24	105.00	377.98	105.00	483.67
2. Upper Sindh II	105.00	217.94	105.00	294.08	105.00	310.54
3. Baglihar	450.00	2703.27	450.00	2880.14	450.00	2800.86
Total J&KSPDC	660.00	3312.45	660.00	3552.20	660.00	3595.07
RAJASTHAN						
RRVUNL						
1. R.P. Sagar	172.00	143.86	172.00	174.40	172.00	363.55
2. JawaharSagar	99.00	117.25	99.00	146.48	99.00	277.53
3. Mahi Bajaj I&II	140.00	85.20	140.00	69.26	140.00	180.49
Total RRVUNL	411.00	346.31	411.00	390.14	411.00	821.57
PUNJAB						
PSPCL						
1. Shanan	110.00	510.53	110.00	597.98	110.00	517.36
2. Mukerian I-IV	207.00	885.94	207.00	1069.45	207.00	1357.76
3. A.P.Sahib I&II	134.00	697.35	134.00	790.00	134.00	823.96
4. RanjitSagar (Thien Dam)	600.00	1068.76	600.00	1733.39	600.00	1927.77
Total PSPCL	1051.00	3162.58	1051.00	4190.82	1051.00	4626.85
UTTAR PRADESH						
UPJVNL						
1. Rihand	300.00	402.01	300.00	195.94	300.00	632.99
2. Obra	99.00	163.36	99.00	83.98	99.00	243.90
3. Matatilla	30.60	98.25	30.60	95.26	30.60	152.82
4. Khara	72.00	249.98	72.00	324.82	72.00	373.96
Total UPJVNL	501.60	913.60	501.60	700.00	501.60	1403.67
UTTRANCHAL						
UJVNL						
1. Khatima	41.40	151.01	41.40	155.95	41.40	164.02
2. Ram Ganga	198.00	174.28	198.00	325.62	198.00	416.43
3. Dhakrani (Y.St.I)	33.75	105.09	33.75	143.01	33.75	152.74
4. Dhalipur (Y.St.I)	51.00	160.14	51.00	210.84	51.00	229.59
5. Kulhal (Y.St.IV)	30.00	112.56	30.00	142.55	30.00	157.84
6. Chibro (Y.St.II)	240.00	587.98	240.00	795.65	240.00	848.97
7. Chilla	144.00	739.52	144.00	775.15	144.00	910.08
8. Khodri (Y.St.II)	120.00	275.88	120.00	361.78	120.00	382.84
9. ManeriBhali-I	90.00	449.07	90.00	504.40	90.00	516.12
10. ManeriBhali-II	304.00	1198.03	304.00	1335.96	304.00	1351.34
Total UJVNL	1252.15	3953.56	1252.15	4750.91	1252.15	5129.97
JAIPRAKASH POWER VENTURE LTD.(JHPL)						
1. VISHNU PRAYAG	400.00	1977.35	400.00	2022.72	400.00	2176.87
Total UTTRANCHAL	1652.15	5930.91	1652.15	6773.63	1652.15	7306.84
Total N. REGION	13366.25	48976.52	13878.25	55849.77	15178.25	64293.77
WESTERN REGION						
GUJARAT						
SSNNL						
1. Sardar Sarovar CHPH	250.00	520.94	250.00	327.60	250.00	502.71
2. Sardar Sarovar RBPH	1200.00	1980.42	1200.00	3261.18	1200.00	3726.62
Total SSNNL	1450.00	2501.36	1450.00	3588.78	1450.00	4229.33
GSECL						
1. Ukai	300.00	323.37	300.00	457.35	300.00	457.57
2. Kadana PSS	240.00	114.90	240.00	118.18	240.00	272.05
Total GSECL	540.00	438.27	540.00	575.53	540.00	729.62
Total GUJARAT	1990.00	2939.63	1990.00	4164.31	1990.00	4958.95
MADHYA PRADESH						
CENTRAL/ COMMON						
NHDC						
1. Indira Sagar	1000.00	2118.33	1000.00	2197.77	1000.00	3286.35
2. Omkareshwar	520.00	952.9	520.00	999.95	520.00	1376.02
TOTAL NHDC	1520.00	3071.23	1520.00	3197.72	1520.00	4662.37
MPGPCL						
1. Gandhi Sagar	115.00	131.07	115.00	89.47	115.00	293.73
2. Pench	160.00	393.68	160.00	305.70	160.00	440.21
3. Bargi	90.00	192.06	90.00	407.84	90.00	534.04
4. Madhikhera	60.00	15.56	60.00	20.83	60.00	165.87
5. Bansagar Tons-I	315.00	756.37	315.00	705.27	315.00	1371.06
6 Bansagar Tons-II	30.00	52.25	30.00	65.97	30.00	54.98
7 Bansagar Tons-III	60.00	80.14	60.00	63.91	60.00	107.67
8. Rajghat	45.00	108.67	45.00	41.26	45.00	106.16
Total MPGPCL	875.00	1729.8	875.00	1700.25	875.00	3073.72
Total M.P.	2395.00	4801.03	2395.00	4897.97	2395.00	7736.09

CHHATISGARH						
CSPGC						
1. HasdeoBango	120.00	255.05	120.00	125.21	120.00	314.11
Total CSPGC	120.00	255.05	120.00	125.21	120.00	314.11
MAHARASHTRA						
MAHAGENCO						
1. KoynaSt.I& II	600.00	2496.97	600.00	1226.37	600.00	1292.9
2. KoynaSt.III	320.00		320.00	709.79	320.00	727.18
3. Koyna IV	1000.00	710.58	1000.00	1761.10	1000.00	1736.86
4. Koyna DPH	36.00	95.14	36.00	92.02	36.00	128.47
5. Vaitarna	60.00	117.71	60.00	127.05	60.00	158.30
6. Tillari	60.00	132.65	60.00	112.95	60.00	126.51
7. Bhira Tail Race	80.00	93.89	80.00	81.04	80.00	103.27
8. Ghatghar PSS	250.00	149.15	250.00	350.89	250.00	317.19
Total MAHAGENCO	2406.00	3796.09	2406.00	4461.21	2406.00	4590.68
DODSON-LINDBLOM HYDRO POWER PVT. LTD. (DLHP)						
1.Bhandardhara - II	34.00	54.62	34.00	56.71	34.00	116.69
Total DLHP	34.00	54.62	34.00	56.71	34.00	116.69
TATA HYDRO						
1. Bhira	150.00	890.81	150.00	875.34	150.00	1008.08
2. Bhira PSS	150.00		150.00		150.00	
3. Bhivpuri	75.00	304.75	75.00	198.88	75.00	247.28
4. Khopoli	72.00	259.47	72.00	236.10	72.00	275.71
Total Tata	447.00	1455.03	447.00	1310.32	447.00	1531.07
Total Maharashtra	2887.00	5305.74	2887.00	5828.24	2887.00	6238.44
Total Western	7392.00	13301.45	7392.00	15015.73	7392.00	19247.59
SOUTHERN REGION						
ANDHRA PRADESH						
APGENCO						
1. Machkund	114.75	610.14	114.75	585.46	114.75	485.33
2. T.B.Dam&Hampi	72.00	189.09	72.00	185.76	72.00	187.05
3. Upper sileru I&II	240.00	232.05	240.00	419.65	240.00	415.46
4. Lower Sileru	460.00	629.29	460.00	1065.09	460.00	1032.83
5. N.J.Sagar PSS	815.60	1213.94	815.60	1298.04	815.60	1129.25
6. N.J.Sagar RBC	90.00	115.97	90.00	282.58	90.00	156.06
7. N.J.Sagar LBC	60.00	30.72	60.00	137.14	60.00	68.80
8. Srisaillam RB	770.00	1278.52	770.00	1835.54	770.00	1219.16
9. Pochampad	27.00	2.55	27.00	82.70	27.00	88.21
10.Srisaillam LB	900.00	1279.93	900.00	1991.77	900.00	1381.68
11. Priyadarshni	117.00	238.94	195.00	125.85	234.00	207.22
Total APGENCO	3666.35	5821.14	3744.35	8009.58	3783.35	6371.05
Total A.P.	3666.35	5821.14	3744.35	8009.58	3783.35	6371.05
KARNATAKA						
KPCL						
1. Sharavathy	1035.00	5238.11	1035.00	4548.08	1035.00	5707.82
2. Kalinadi	855.00	2480.25	855.00	2031.53	855.00	3671.74
3. Supa DPH	100.00	392.26	100.00	533.03	100.00	553.98
4. Bhadra	39.20	54.46	39.20	56.36	39.20	73.50
5. Lingnamakki	55.00	284.37	55.00	182.84	55.00	306.40
6. Varahi	460.00	1200.46	460.00	987.14	460.00	1125.98
7. Ghatprabha	32.00	89.86	32.00	90.79	32.00	100.91
8. Kadra	150.00	354.64	150.00	302.54	150.00	487.71
9. Kodasali	120.00	321.20	120.00	258.68	120.00	455.52
10.Gerusoppa	240.00	558.96	240.00	464.15	240.00	582.59
11.Amatti Dam	290.00	536.86	290.00	540.3	290.00	521.15
12.Jog	139.20	344.86	139.20	317.99	139.20	236.73
13.Shivasamudram	42.00	298.28	42.00	313.34	42.00	335.65
14.Munirabad	28.00	93.92	28.00	120.12	28.00	98.00
Total KPCL	3585.40	12248.49	3585.40	10746.89	3585.40	14257.68
Total Karnataka	3585.40	12248.49	3585.40	10746.89	3585.40	14257.68
KERALA						
KSEB						
1. Idukki	780.00	2035.73	780.00	2258.69	780.00	3044.41
2. Sabarigiri	300.00	1403.19	300.00	1372.93	300.00	1434.25

3. Kuttiadi	125.00	639.12	125.00	564.34	125.00	774.73
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4. Kuttiadi Addn. Extn.			100.00		100.00	
5. Sholayar	54.00	229.56	54.00	243.25	54.00	220.36
6. Sengulam	48.00	157.78	48.00	170.62	48.00	162.27
7. Nariamangalam	70.00	337.17	70.00	370.57	70.00	360.56
8. Pallivasal	37.50	240.17	37.50	235.54	37.50	231.66
9. Poringalkuthu	32.00	155.98	32.00	187.57	32.00	184.76
10.Panniar	30.00	132.8	30.00	180.87	30.00	165.85
11.Idamalayar	75.00	333.97	75.00	376.87	75.00	348.98
12.Lower Periyar	180.00	525.34	180.00	615.95	180.00	648.62
13.Kakkad	50.00	224.90	50.00	224.42	50.00	231.53
Total KSEB	1781.50	6415.71	1881.50	6801.62	1881.50	7807.98
Total Kerala	1781.50	6415.71	1881.50	6801.62	1881.50	7807.98
TAMIL NADU						
TANGEDCO						
1. Pykara	59.20	74.03	59.20	30.75	59.20	41.63
2. Moyar	36.00	212.48	36.00	155.5	36.00	131.65
3. Kundah I-V	555.00	1703.51	555.00	1501.69	555.00	1356.15
4.Parson's Valley	30.00	65.33	30.00	37.08	30.00	35.89
5. Suruliyar	35.00	99.05	35.00	98.1	35.00	115.57
6. Aliyar	60.00	173.94	60.00	172.12	60.00	183.09
7. Mettur Dam & Tunnel	240.00	471.87	250.00	360.89	250.00	623.89
8. Lower Mettur I-IV	120.00	298.24	120.00	262.62	120.00	403.25
9. Periyar	140.00	396.16	140.00	432.04	140.00	537.47
10. Papansam	28.00	130.04	32.00	137.57	32.00	122.36
11.Sarkarpathy	30.00	121.17	30.00	134.33	30.00	109.57
12.Sholayar I&II	95.00	350.3	95.00	413.05	95.00	278.61
13.Kodayar I&II	100.00	280.28	100.00	145.54	100.00	296.66
14.Kadamparai PSS	400.00	499.44	400.00	572.45	400.00	510.53
15.Pykara Ultimate	150.00	560.23	150.00	431.62	150.00	356.95
16.Bhawani Kattalai Barrage-I	30.00	74.96	30.00	72.17	30.00	97.95
17.Bhawani Kattalai Barrage-III						-
Total TANGEDCO	2108.20	5511.03	2122.20	4957.52	2122.20	5201.22
Total Southern	11141.45	29996.37	11333.45	30515.61	11372.45	33637.93
EASTERN REGION						
JHARKHAND						
JSEB						
1. Subernarekha I&II	130.00	115.68	130.00	3.46	130.00	270.05
Total Jharkhand	130.00	115.68	130.00	3.46	130.00	270.05
D.V.C.						
1. Maithon (WB)	63.20	102.48	63.20	55.72	63.20	121.95
2. Panchet	80.00	85.87	80.00	59.28	80.00	174.17
Total DVC	143.20	188.35	143.20	115.00	143.20	296.12
ORISSA						
OHPC						
1. Balimela	510.00	784.82	510.00	1284.64	510.00	1047.29
2. Hirakud I&II	347.50	702.89	347.50	939.48	347.50	1025.63
3. Rengali	250.00	551.64	250.00	270.23	250.00	873.31
4. Upper Kolab	320.00	407.92	320.00	661.2	320.00	604.24
5. Upper Indravati	600.00	1472.74	600.00	1598.7	600.00	1436.86
Total OHPC	2027.50	3920.01	2027.50	4754.25	2027.50	4987.33
WEST BENGAL						
WBSSEDCL						
1. Jaldhaka - I	27.00	0	27.00	51.03	27.00	84.25
2. Ramman II	50.00	209.64	50.00	200.09	50.00	227.18
3. Purulia PSS	900.00	867.83	900.00	878.87	900.00	766.46
Total W.B.S.E.B	977.00	1077.47	977.00	1129.99	977.00	1077.89
NHPC						
1. Teesta Low Dam-III						
Total NHPC (W.B)						
SIKKIM						
NHPC						
1. Rangit (Sikkim)	60.00	329.34	60.00	352.2	60.00	352.60

2. Teesta-V (Sikkim)	510.00	2597.50	510.00	2624.26	510.00	2568.00
Total NHPC(SIKKIM)	570.00	2926.84	570.00	2976.46	570.00	2920.60
Total Eastern	3847.70	8228.35	3847.70	8979.16	3847.70	9551.99

NORTH EASTERN REGION						
ASSAM						
APGCL						
1. KarbiLangpi	100.00	400.37	100.00	406.78	100.00	460.94
MEGHALAYA						
MeECL						
1. Kyrdemkulai	60.00	144.90	60.00	205.35	60.00	132.62
2. UmiumSt.I	36.00	336.43	36.00	47.45	36.00	98.96
3. Umium St. IV	60.00		60.00	30.43	60.00	184.13
4.Myntdu		0.00			84.00	0.00
Total MeECL	156.00	481.33	156.00	283.23	240.00	415.71
NEEPCO						
1. Khandong	75.00	149.43	75.00	155.57	75.00	178.79
2. Kopili	200.00	784.43	200.00	792.02	200.00	992.06
3. Doyang	75.00	183.55	75.00	256.04	75.00	228.84
4. Ranganadi	405.00	1033.08	405.00	1399.56	405.00	978.40
Total NEEPCO	755.00	2150.49	755.00	2603.19	755.00	2378.09
NHPC						
1. Loktak (Manipur)	105.00	381.39	105.00	603.89	105.00	523.50
Total Central	860.00	2531.88	860.00	3207.08	860.00	2901.59
Total N.Eastern	1116.00	3413.58	1116.00	3897.09	1200.00	3778.24
TOTAL ALL INDIA	36863.40	103916.27	37567.40	114257.36	38990.40	130509.52

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4057
TO BE ANSWERED ON 21.03.2013

DELAY IN HYDRO POWER PROJECTS

4057. SHRI SANJAY DHOTRE:
SHRI BHARTRUHARI MAHTAB:

Will the Minister of POWER
be pleased to state:

- (a) whether due to lack of clarity and policies on rehabilitation and resettlement of people displaced by large dam based projects, several Hydro Power projects have been stalled in the country;
- (b) if so, the details thereof, State-wise along with the Hydro Power projects which have been cancelled during each of the last three years and the current year, project and State-wise;
- (c) the details of cost escalation due to delay in such projects along with the quantum of funds stuck in them, project wise; and
- (d) the corrective steps taken/being taken by the Government to remove the inordinate delay in implementation of these projects, revival of the cancelled projects and to recover their escalated cost?

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) to (d) : Do not arise.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4060
TO BE ANSWERED ON 21.03.2013

THERMAL POWER PLANTS

4060. DR. RATTAN SINGH AJNALA:

Will the Minister of POWER
be pleased to state:

- (a) the details of the Thermal Power Plants set up in Punjab during the last five years, location-wise;
- (b) whether the demand for power in the State is met only through the Power produced by the Thermal Power Plants and if so, the generation and supply of power to the State during the last three years;
- (c) the details of the proposals submitted by the Government of Punjab for setting up of Thermal Power Projects in the State pending with the Union Government at present;
- (d) the reasons for delay in disposal of these proposals; and
- (e) the time by which the said proposals are likely to be disposed off?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : During the last five years, the following units of Guru Hargobind Thermal Plant (GHTP) at Lehra Mohabbat, Punjab have been commissioned:

Name of the Project / Unit No. / Capacity	Date of Commissioning
GHTP St-II, Lehra Mohabat	
U-3 250 MW	U-3 : 03.01.2008
U-4 250 MW	U-4 : 31.07.2008

Further the following projects in Punjab are under construction:

Project	Unit	Capacity (MW)	Targeted Commissioning Schedule
Goindwal Sahib	U-1	270	Jun-13
	U-2	270	Oct-13
Rajpura TPP (Nabha)	U-1	700	Jan-14
	U-2	700	Mar-14
Talwandi Sabo TPP	U-1	660	Dec-13
	U-2	660	Apr-14
	U-3	660	Jul-14

(b) : The demand in the State of Punjab is being met through own Thermal & Hydro Power Projects, Punjab's Share from BBMB, Power Purchase from Central Sector Projects, Banking and short Term Power Purchase. The details of net Energy Availability for the Punjab State for the previous three years i.e. 2010-11, 2011-2012 and 2012-13 (upto Feb. 2013) is 42520 MUs, 44824 MUs and 42711 MUs respectively.

(c) : As per Section 7 of the Electricity Act, 2003, any generating company may establish, operate and maintain a generating station without obtaining a license if it complies with the technical standards relating to connectivity with the grid. Thus, no proposal of Government of Punjab for setting up of Thermal Power Project is pending with Government.

(d) & (e) : Do not arise in view of reply at (c) above.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4077
TO BE ANSWERED ON 21.03.2013

HYDRO POWER PROJECTS ON BORDER

†4077. ADV. GANESHRAO DUDHGAONKAR:

Will the Minister of POWER
be pleased to state:

- (a) whether the Government is aware about participation of foreign companies in Hydro Power projects in the border areas of the country;
- (b) if so, the details thereof;
- (c) whether concerns related to the security of the country were kept in mind while granting permission to such foreign companies;
- (d) if so, the details thereof and if not, the reasons therefor; and
- (e) the corrective measures being taken by the Government in this regard?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Yes, Madam.

(b) : The list of Hydro Electric Projects (25 MW & above) having participation of foreign companies in the Border areas of the country is enclosed at Annex.

(c) to (e) : Ministry of Power on 03.09.2009 have issued guidelines for participation of foreign companies in tender for work package in regard to Hydro Electric Projects (HEPs) being set up in the Central and State Sectors and by Independent Power Producers in sensitive areas. As per clause 2 of these guidelines, "National Security will be a critical determinant while making choices in regard to HEPs in sensitive regions & border areas".

ANNEX

ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 4077 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

List of Hydro Electric projects under execution having participation of foreign companies in Hydro Power Projects in the Border areas of the country

(Excluding projects under Ministry of New & Renewable Energy)

Sl. No	Name of Project/ Sector/ Installed Capacity	Implementing Agency	Benefits (MW)	Likely Commissioning	Name of participating Foreign Companies
Jammu & Kashmir					
1.	Uri-II/ Central 4x60=240 MW	NHPC	240	2012-13	M/s. Alstom, India & France (E&M Works)
2.	Kishanganga/ Central 3x110=330 MW	NHPC	330	2016-17	DSD Noel GmbH, Germany (H.M Works)
3.	Baglihar-II/ State 3x150=450 MW	JKPDC	450	2016-17	Voith-Andritz consortium (E&M Works)
Himachal Pradesh					
4.	Kol Dam / Central 4x200 =800 MW	NTPC	800	2014-15	BHEL, Toshiba & Marubeni (E&M works)
Uttarakhand					
5.	Tehri PSS/ Central 4x250 = 1000 MW	THDC	1000	2017-18	M/s. Alstom, France (E&M works)
Arunachal Pradesh					
6.	Subansiri Lower / Central 8x250 = 2000	NHPC	2000	2016-18	M/s. Alstom, France & New Delhi (E&M works)

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4082
TO BE ANSWERED ON 21.03.2013

SHUT DOWN OF NTPC PLANTS

4082. DR. P. VENUGOPAL:

Will the Minister of POWER
be pleased to state:

- (a) whether the National Thermal Power Corporation Limited (NTPC) has taken a decision to shut down some of its Units/Plants; and
- (b) if so, the details thereof along with the reasons therefor, Unit/Plant-wise?

A N S W E R

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

(a) & (b) : As of today, NTPC has not taken any decision to permanently shut down any of its units/plants.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4083
TO BE ANSWERED ON 21.03.2013

INDEPENDENT INSTITUTIONS IN POWER SECTOR

4083. SHRI M.K. RAGHAVAN:

Will the Minister of POWER
be pleased to state:

- (a) whether the proposed bifurcation and creation of independent institutions in the power sector at State level have been implemented by all the States;
- (b) if not, the States which have not implemented the provisions of the Electricity Act, 2003;
- (c) the steps being taken by the Union Government to ensure that all the provisions of the Act are implemented by the State Governments; and
- (d) the details of the benefits achieved by forming such independent institutions at State level?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Section 131 read with Section 172 of the Electricity Act 2003 provides for re-organization of State Electricity Boards. It further provides that the State Government may, by notification, authorize the State Electricity Board to continue to function as the State Transmission Utility or a licensee for such further period beyond the period of one year as may be mutually decided by the Central Government and the State Government. Accordingly, on the request of the concerned State Government, the Central Government has granted extension from time to time to State Electricity Board to function as the State Transmission Utility or a licensee. Out of total 21 State Electricity Boards, 19 SEB have been reorganized so far. The State Electricity Board of Jharkhand and Kerala are yet to be re-organized.

(c) : Electricity being a concurrent subject, the provisions of the Act provide for the functions and responsibilities of the Central and State Governments as well as of different statutory bodies and entities defined under the Act. The Central Government has been pursuing with the State Governments at various fora for implementation of various provisions of Electricity Act, 2003 from time to time. The

position of implementation of some of the provisions of the Electricity Act, 2003 by States is given at Annex.

.....2.

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(d) : Ministry of Power has got conducted a study by the Indian Institute of Public Administration (IIPA) on the impact of reorganization of the State Electricity Boards.

The study concluded that "despite some short comings, the overall impact of restructuring has been positive and in the right direction". The report given by IIPA states that the following overall improvements have been noticed in four States which have reorganized their SEBs (Andhra Pradesh, Haryana, Karnataka and Odisha):

- (i) Trend towards reducing AT&C losses.
- (ii) Increased and more focused investments.
- (iii) Capacity addition and strengthening of the power systems.
- (iv) Localisation and reduction of inefficiencies.
- (v) Improved customer care.
- (vi) Progress in metering, billing and collection etc.
- (vii) Increased accountability of the Utilities.
- (viii) Establishment of Regulatory Mechanism.
- (ix) Empowerment of consumers.
- (x) Reporting and reviewing of performance of the Utilities on a regular basis.

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 4083 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

ACTION TAKEN BY STATE GOVERNMENTS FOR IMPLEMENTATION OF PROVISIONS OF THE ELECTRICITY ACT, 2003 (AS ON 18.03.2013)

S.No.	States/Union Territory	Constitution of State Electricity Regulatory Commission (Section 82)	Setting up of Consumer Grievances Redressal Forum (Section 42(5))	Appointment of Ombudsman (Section 42(6))
1.	Andhra Pradesh	Yes	Yes	Yes
2.	Assam	Yes	Yes	Yes
3.	Bihar	Yes	Yes	Yes
4.	Chhattisgarh	Yes	Yes	Yes
5.	Delhi	Yes	Yes	Yes
6.	Gujarat	Yes	Yes	Yes
7.	Haryana	Yes	Yes	Yes
8.	Himachal Pradesh	Yes	Yes	Yes
9.	Jharkhand	Yes	Yes	Yes
10.	Karnataka	Yes	Yes	Yes
11.	Kerala	Yes	Yes	Yes
12.	Madhya Pradesh	Yes	Yes	Yes
13.	Maharashtra	Yes	Yes	Yes
14.	Meghalaya	Yes	Yes	Yes
15.	Odisha	Yes	Yes	Yes
16.	Punjab	Yes	Yes	Yes
17.	Rajasthan	Yes	Yes	Yes
18.	Tamil Nadu	Yes	Yes	Yes
19.	Uttar Pradesh	Yes	Yes	Yes
20.	Uttarakhand	Yes	Yes	Yes
21.	West Bengal	Yes	Yes	Yes
22.	Arunachal Pradesh	Yes	No	No
23.	Mizoram	Yes	No	No
24.	Manipur	(JERC Manipur & Mizoram)	Yes	No
25.	Nagaland	Yes	No	No
26.	Sikkim	Yes	No	No
27.	Tripura	Yes	Yes	Yes
28.	Jammu & Kashmir	Yes (Constituted under State Act)	Yes (However, Central Act is not applicable in the State of J&K and there is no provision in the State Act)	
29.	Goa **	Yes JERC for UTs	Yes	Yes
30.	Dadra & Nagar**		Yes	Yes
31.	Daman & Diu**		Yes	Yes
32.	Chandigarh**		Yes	Yes
33.	Andaman & Nicobar Islands**		Yes	Yes
34.	Lakshadweep**		Yes	Yes
35.	Puducherry**		Yes	Yes

** The State of Goa is included in the JERC for UTs (Andaman & Nicobar, Chandigarh, Dadra & Nagar Haveli, Daman & Diu, Lakshadweep and Puducherry)

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4085
TO BE ANSWERED ON 21.03.2013

AWARD OF CONTRACT BY DVC

4085. SHRI D.B. CHANDRE GOWDA:

Will the Minister of POWER be pleased to refer to the reply given to Unstarred Question No. 4447 dated December 20, 2012 on contracts awarded by Damodar Valley Corporation (DVC) and to state the progress in the investigations made in the matter so far?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

Award of contract pertaining to overhauling of Turbine Generator Unit No.3 at Bokaro Thermal Power Station 'B' (BTPS 'B') and short overhauling of Turbine Generator of Unit No.1 at BTPS 'B' awarded to M/s. EM Services (I) Pvt. Ltd., Nagpur - A report has already been forwarded to Central Vigilance Commission on 07.01.2013. The Commission, upon receipt of the report, advised for obtaining the responses of the officials concerned along with specific recommendation of chief Vigilance Officer/Disciplinary Authority. The matter is under process and the responses of the officials are being obtained and a report will be forwarded to the Commission shortly.

Award of various contracts to M/s. NBCC - The report of Chief Vigilance Officer, DVC in the matter is under examination in the Ministry.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4091
TO BE ANSWERED ON 21.03.2013

VILLAGE ELECTRIFICATION

†4091. DR. SHAFIQR RAHMAN BARQ:
SHRI MAROTRAO SAINUJI KOWASE:
SHRIMATI MEENA SINGH:
SHRI HARI MANJHI:
SHRI RAMESH BAIS:
SHRI PURNMASI RAM:
SHRI NITYANANDA PRADHAN:
SHRIMATI JAYSHREEBEN PATEL:

Will the Minister of POWER
be pleased to state:

- (a) whether a number of villages in the country particularly in backward areas still remain unelectrified and if so, the details thereof as on date, State/UT-wise;
- (b) the time by which all the villages in the country are likely to be electrified and all BPL houses are provided electricity connection, State/UT-wise;
- (c) whether more funds are likely to be given to the States/UTs for rural/BPL electrification and if so, the details thereof, State/UT-wise;
- (d) whether the contractors appointed under the Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) are caring out the village electrification work at a very slow pace due to which the electrification work has witnessed time over-run;
- (e) if so, the details thereof, State-wise; and
- (f) the punitive action taken/being taken against such contractors responsible 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) : Under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY), 648 projects covering electrification of 1,12,795 un/de-electrified villages (UEV) and 3,96,336 partially electrified villages (PEV), have been sanctioned in the country including in backward areas. Cumulatively, as on 28.02.2013, the electrification

works in 1,06,694 UE villages and 2,89,623 PE villages have been completed. The details of coverage and achievement of villages, state-wise are at Annex.

.....2.

- 2 -

(b) & (c) : Government has proposed to continue RGGVY in 12th Plan for covering the remaining villages/habitations irrespective of population as per availability of funds.

(d) & (e) : The progress under RGGVY in most of the States is satisfactory. However, in some States, the progress is slow due to following reasons:-

- (i) Extremely difficult terrain, bad weather and problem of approachability particularly in North Eastern States, and Jammu & Kashmir.
- (ii) Severe law and order problems in Naxal affected States viz. Jharkhand, Chhattisgarh and Odisha.
- (iii) Litigation in contracts such as in Ukhrul and Senapati districts in Manipur pending with Hon'ble High Court, Guwahati.
- (iv) Non availability of experienced local contractors for turnkey projects in North Eastern States.

(f) : Contracts are awarded and executed by the Implementing Agencies. For any delay in completion of works, attributed to the contractors, the implementing agencies are responsible for levying liquidated damages/penalties as per the terms of the contracts.

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 4091 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

State wise coverage and achievement of un-electrified villages, intensive electrification of partially electrified villages under RGGVY

Sr. No.	State	Electrification of un-electrified villages		Intensive Electrification of partially electrified villages	
		Coverage**	Cumulative Achievement (as on 28.02.2013)	Coverage**	Cumulative Achievement (as on 28.02.2013)
1	Andhra Pradesh*	0	0	27477	26823
2	Arunachal Pradesh	2106	1624	1760	1045
3	Assam	8326	7998	12984	12234
4	Bihar	23850	22645	19244	5048
5	Chhattisgarh	1594	954	17291	12143
6	Gujarat*	0	0	17667	16317
7	Haryana*	0	0	6511	4687
8	Himachal Pradesh	95	83	10650	11198
9	Jammu & Kashmir	239	174	4442	2777
10	Jharkhand	19071	18087	7106	5728
11	Karnataka	61	62	28119	24676
12	Kerala*	0	0	1272	181
13	Madhya Pradesh	843	566	49537	23558
14	Maharashtra*	0	0	41739	36713
15	Manipur	882	616	1378	560
16	Meghalaya	1866	1624	3239	2150
17	Mizoram	137	94	570	346
18	Nagaland	105	84	1140	1063
19	Odisha	14715	14340	29324	24515
20	Punjab*	0	0	11840	0
21	Rajasthan	4339	4117	34783	32740
22	Sikkim	25	25	418	383
23	Tamil Nadu*	0		10738	9673
24	Tripura	148	143	658	594
25	Uttar Pradesh	28439	27762	22980	2982
26	Uttarakhand	1512	1511	9160	9221
27	West Bengal	4442	4185	24309	22268
	Total	112795	106694	396336	289623

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

**Includes 1909 un/de-electrified villages, intensive electrification of 53505 partially electrified villages of 72 projects sanctioned during 2011-12 under phase-II of RGGVY.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4093
TO BE ANSWERED ON 21.03.2013

FINANCIAL RESTRUCTURING OF DISCOMS

4093. SHRI A. SAI PRATAP:
SHRI S.S. RAMASUBBU:
SHRI ASHOK ARGAL:
SHRI MODUGULA VENUGOPALA REDDY:

Will the Minister of POWER
be pleased to state:

- (a) the details of DISCOMs submitted their proposals for financial restructuring and the action taken by the Union Government thereon, DISCOM-wise;
- (b) whether many DISCOMs are yet to submit their proposals to the Union Government, if so, the details thereof and the reasons therefor;
- (c) whether any discussions were taken place in the Power Ministers' conference in this regard and if so, the details thereof;
- (d) whether his Ministry has demanded a budgetary allocation of Rs. 1200 crore for 2013-14 to salvage the debts of power distribution companies of the States; and
- (e) if so, the details of the budget allocation received 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) & (b) : The scheme for Financial Restructuring of State owned Discoms was notified by Ministry of Power vide OM dated 05.10.2012. Scheme was effective from the date of issue of order and vide OM dated 21.01.2013 extended the scheme upto 31.03.2013. The Scheme is available to all participating State Owned Discoms having accumulated losses and facing difficulty in financing operational losses.

State owned Discoms have to prepare Financial Restructuring Plan (FRP) and obtain approval of State Government, Lenders and in principle approval of State Electricity Regulatory Commissions.

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State Governments of Rajasthan, Haryana, UP, Tamil Nadu and A.P. have given in-principle consent to be part of the FRP scheme and abide by the various mandatory and recommendatory conditions of the scheme. States of Jharkhand, Kerala and Bihar have also shown willingness to join the scheme.

(c) : In the 6th Power Minister's Conference held on 05.02.2013, various issues including the scheme for financial restructuring of State owned Discoms have been discussed and the important and urgency of the scheme was emphasized.

(d) & (e) : A sum of Rs.1500 Crores was proposed in the Budget Estimates for the Annual Plan 2013-14 of Ministry of Power and the same has been allocated.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4119
TO BE ANSWERED ON 21.03.2013

VILLAGES CONNECTED WITH POWER GRID

†4119. SHRI MURARI LAL SINGH:

Will the Minister of POWER
be pleased to state:

- (a) whether a number of villages in the country have not been connected with any power grid;
- (b) if so, the details thereof, State/UT wise including Chhattisgarh; and
- (c) the steps taken/proposed to be taken for connecting such villages with the power grid?

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), 648 projects covering electrification of 1,12,795 un/de-electrified villages (UEV) and 3,96,336 partially electrified villages (PEV), have been sanctioned in the country including Chhattisgarh. Cumulatively, as on 28.02.2013, the electrification works in 1,06,694 UE villages and 2,89,623 PE villages have been completed. The details of coverage and achievement of villages, state-wise are at Annex.

(c) : Government has proposed to continue RGGVY in 12th Plan for covering the remaining villages/habitations irrespective of population as per availability of funds.

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 4119 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

State wise coverage and achievement of un-electrified villages, intensive electrification of partially electrified villages under RGGVY

Sr. No.	State	Electrification of un-electrified villages		Intensive Electrification of partially electrified villages	
		Coverage**	Cumulative Achievement (as on 28.02.2013)	Coverage**	Cumulative Achievement (as on 28.02.2013)
1	Andhra Pradesh*	0	0	27477	26823
2	Arunachal Pradesh	2106	1624	1760	1045
3	Assam	8326	7998	12984	12234
4	Bihar	23850	22645	19244	5048
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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4133
TO BE ANSWERED ON 21.03.2013

NATIONAL ELECTRICITY POLICY

4133. DR. RATNA DE (NAG):

Will the Minister of POWER
be pleased to state:

- (a) the salient features of the current National Electricity Policy;
- (b) the details of the latest amendments made to the National Electricity Policy and when the same were made;
- (c) the details of the recommendations made by the N.K. Singh Committee in this regard; and
- (d) the details of the amendments proposed to be made in the near future?

A N S W E R

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

(a) : National Electricity Policy (NEP) was notified by the Central Government on 12th February 2005 in compliance of section 3 of the Electricity Act 2003. The Salient features of the National Electricity Policy are given at Annex.

(b): No amendments have been made to the National Electricity Policy till date.

(c) : No specific recommendation in this regard has been examined in this Ministry so far.

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

ANNEX

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 4133 TO BE ANSWERED IN THE LOK SABHA ON 21.03.2013.

The National Electricity Policy (2005) aims at laying guidelines for accelerated development of the power sector, providing supply of electricity to all areas and protecting interests of consumers and other stakeholders keeping in view availability of energy resources, technology available to exploit these resources, economics of generation using different resources, and energy security issues.

The Aims and objectives of the policy are as under:-

- Access to Electricity - Available for all households in next five years.
- Availability of Power - Demand to be fully met by 2012. Energy and peaking shortages to be overcome and adequate spinning reserve to be available.
- Supply of Reliable and Quality Power of specified standards in an efficient manner and at reasonable rates.
- Per capita availability of electricity to be increased to over 1000 units by 2012.
- Minimum lifeline consumption of 1 unit/household/day as a merit good by year 2012.
- Financial Turnaround and Commercial Viability of Electricity Sector.
- Protection of consumers' interests.

Further, it contains the guidelines for preparation of short term and perspective plan by Central Electricity Authority (CEA) and addresses the issues of Rural Electrification, Generation, Transmission, Distribution, Recovery of Cost of services & Targeted Subsidies, Technology Development and Research and Development (R&D), Competition aimed at Consumer Benefits, Financing Power Sector Programmes Including Private Sector Participation, Energy Conservation, Environmental Issues, Training and Human Resource Development, Cogeneration and Non-Conventional Energy Sources and Protection of Consumer interests and Quality Standards

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4136
TO BE ANSWERED ON 21.03.2013

POLLUTION FROM THERMAL POWER PLANTS

4136. SHRI DILIP SINGH JU DEV:
SHRI JAGDISH SHARMA:

Will the Minister of POWER
be pleased to state:

- (a) whether the fly ash generated from the thermal power plants is polluting the surrounding environment, affecting the health of people living nearby and damaging the crops in their vicinity;
- (b) if so, the details of such power plants in the country particularly the Koradi, Khaparkheda and Sipat thermal power plants;
- (c) the details of surveys made regarding adverse impact on the environment and health of the people living nearby such power plants along with the remedial measures taken by the such power plants to minimize the impact of fly ash;
- (d) whether the ash back filters/electro static precipitators installed in such power plants are not functioning properly and the managements of the power plants have demanded for providing more such filters to check the pollution therefrom; and
- (e) if so, the details thereof, plant-wise along with the steps being taken by the Government to check the pollution and to provide compensation to the affected people, plant-wise?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) : Central Electricity Authority (CEA) has informed that Suspended Particulate Matter (SPM) level at Khaperkheda and Sipat, Thermal Power Plants (TPPs) is maintained within the stipulated norm prescribed by Pollution Control Board. However, the SPM level at Koradi TPP is higher than the prescribed norms.

(c) to (e) : High Efficiency Electrostatic Precipitator (ESP) are installed at Sipat and Khaperkheda TPP. Koradi TPP has replaced the damaged bag filters with 500 new bag filters in Unit-6 in December, 2012. Koradi TPP has demanded 8000 bags from Mahagenco Headquarters which has supported the proposal for complete replacement of bags. Koradi TPP is maintaining the ESPs, bag filter house, effluent treatment plant and ash water recovery system. Further, Koradi TPP has taken following measures to improve the emission:

- (i) Complete replacement of bags (7500 Nos.) in bag filter system of unit 5 is completed in November, 2012.
- (ii) Complete replacement of bags (8500 Nos.) for Unit-6 is expected by March, 2013.
- (iii) Work for upgradation of Electrostatic Precipitators (ESP) is expected in June, 2013.
- (iv) Action Plan for renovation and modernization work to achieve the standard set by Pollution Control Board has been submitted to Maharashtra Pollution Control Board.

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.4139
TO BE ANSWERED ON 21.03.2013

UTILISATION OF FLY ASH

4139. SHRI P.R. NATARAJAN:

Will the Minister of POWER
be pleased to state:

- (a) whether the Union Government has undertaken any analysis on the Fly Ash Utilization as on date;
- (b) if so, the details of the segments in which these Fly Ash and Bottom Ash are being utilized; and
- (c) the details of the initiatives taken/proposed to be taken to utilize, the Ash in various segments?

A N S W E R

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

(SHRI JYOTIRADITYA M. SCINDIA)

(a) : Yes, Madam. Central Electricity Authority (CEA) is monitoring the generation and utilization of fly ash at Coal/Lignite based thermal power stations since 1996-97.

(b) : The fly ash is being used in manufacturing of cement, construction of highways, roads and flyovers, bricks, tiles, blocks etc., in reclamation of low lying area, in mine filling, raising of ash dykes and agriculture.

(c) : Ministry of Environment and Forests (MoEF) has issued notifications prescribing targets for utilization of fly ash by all coal/lignite based thermal power stations to achieve 100% utilization in a phased manner. Some of the initiatives as prescribed by Government of India are as under:

- (i) To make dry fly ash available to cement and other user industries by all thermal power stations.
- (ii) At least 20% of dry fly ash is required to be made available by all thermal power stations, free of charge, to the units manufacturing fly ash or clay-fly ash bricks, blocks and tiles.
- (iii) Pond ash is required to be made available by all thermal power stations, free of any charge, on 'as is where basis' to manufacturers of bricks, blocks or tiles including clay-fly ash products manufacturing units, farmers and the State road construction agencies, Public Works Department, and to the agencies engaged in back filling or stowing of mines.
