

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
STARRED QUESTION NO.279  
ANSWERED ON 17.12.2015**

**CONSERVATION OF POWER**

**\*279. SHRI K.N. RAMACHANDRAN:**

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

- (a) the details of the initiatives taken by the Government to conserve electricity;**
- (b) whether any mechanism exists to ensure energy efficiency in domestic, agriculture and commercial sectors of our country;**
- (c) if so, the details thereof;**
- (d) whether the Government has conducted any energy audit in the last three years; and**
- (e) if so, the details thereof along with the steps taken to ensure implementation of the mechanism developed to conserve electricity?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

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

**\*\*\*\*\***

## STATEMENT

**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO.279 ANSWERED IN THE LOK SABHA ON 17.12.2015 REGARDING CONSERVATION OF POWER.**

\*\*\*\*\*

**(a) : The following initiatives have been taken up by the Government to ensure conservation of electricity:**

- (i) Standards & Labeling programme for appliances to provide the consumer an informed choice about the energy saving and thereby the cost saving potential of the relevant marketed product. The scheme covers 21 equipment/appliances.**
- (ii) Prescription of specific energy consumption norms for energy intensive industries notified as designated consumers and implemented through Perform, Achieve and Trade (PAT) Scheme.**
- (iii) Formulation of Energy Conservation Building Codes (ECBC) for energy efficiency improvement in commercial buildings.**
- (iv) Demand Side Management (DSM) in Municipal, Household, Agriculture and Small & Medium Enterprises (SME) sectors.**
- (v) Promotion of energy efficient LED lamps through DSM based Domestic Efficient Lighting Programme (DELP) & Street Light National Programme (SLNP).**

**(b) & (c): There are several mechanisms that Government promotes for energy efficiency in domestic, agriculture and commercial sectors as mentioned below:**

- i. Standards and Labelling programme for promotion of energy efficiency in household appliances.**
- ii. Labelling of energy efficient agriculture pumpsets upto a connected load of 15 KW.**
- iii. Domestic Efficient Lighting Programme (DELP) for replacement of inefficient light bulbs with energy efficient LED bulbs in the household sector.**
- iv. Street Light National Programme (SLNP) for replacement of inefficient street lights with energy efficient LED lights in the municipal sector.**

**v. Perform, Achieve and Trade scheme for promotion of energy efficiency through regulatory mechanism for energy intensive industries in the industrial sector.**

**vi. Energy Conservation Building Code (ECBC) for commercial building having connected load of 100 KW or above.**

**vii. Design-guidelines for energy efficiency in multi-storied residential buildings.**

**(d) & (e) : No, Madam, Government has not conducted any energy audit in the last three years. However, the Government has issued notification for mandatory energy audits in Designated Consumers vide S.O. 1378 (E) on 27<sup>th</sup> May, 2014 wherein all Designated Consumers are required to get energy audit of their facilities done as per the methodology specified in the Bureau of Energy Efficiency Regulation, 2010.**

\*\*\*\*\*

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.2998  
ANSWERED ON 17.12.2015**

**CHALLENGES BEFORE DISCOMS**

**2998. SHRI C.R. CHAUDHARY:**

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

- (a) the details of the challenges/problems faced by the discoms in the distribution of electricity in the country;**
- (b) whether any monitoring of these challenges/problems of discoms is carried out;**
- (c) if so, the details thereof;**
- (d) the details of the quantity of losses incurred by various discoms in the country; and**
- (e) the steps taken by the Government to improve the fiscal health of the discoms in various States?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

**(a) to (c) : Main challenges reported by DISCOMs are poor financial health, high AT&C losses, high gap between Average Cost of Supply (ACS) and Average Revenue Realization (ARR) and high power procurement cost.**

**As per the Electricity Act, 2003, appropriate Electricity Regulatory Commissions have been entrusted with the responsibility of overseeing the performance of the distribution licensees. Utilities have to comply with the standards of performance as applicable to them.**

**(d) & (e) : Power Finance Corporation (PFC) publishes a Report on the Performance of State Power Utilities on an annual basis. As per the report, the aggregate losses incurred by utilities selling directly to consumers for the year 2013-14 is Rs.63,765 crore on Profit/Loss after tax on accrual basis.**

**Government of India has launched Ujwal Discom Assurance Yojana (UDAY), for the financial and operational turnaround of Power Distribution Companies (DISCOMS), on 20<sup>th</sup> November, 2015. It envisages to reduce interest burden, cost of power and AT&C losses.**

\*\*\*\*\*

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3002  
ANSWERED ON 17.12.2015**

**POWER TRADING CORPORATION**

**3002. SHRI MALYADRI SRIRAM:**

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

- (a) the aim and objectives of Power Trading Corporation (PTC) along with the details of investments by PTC in sick, low paying or totally stranded power projects;**
- (b) the details of the stranded projects and the reasons thereof; and**
- (c) the steps proposed to revive all the stranded or sick projects?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

**(a) to (c) : PTC India Limited, formerly known as Power Trading Corporation of India Limited (PTC), is a public limited company in which stake of Central Public Sector Enterprises under the Ministry of Power is only around 16%. As Central PSEs have minority shareholding, the Ministry of Power does not monitor the projects financed by PTC.**

**\*\*\*\*\***

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3022  
ANSWERED ON 17.12.2015**

**MAZDOORS OF ELECTRICITY DEPARTMENT**

**3022. SHRI BISHNU PADA RAY:**

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

- (a) whether there has been any direction from Hon'ble High Court with regard to retirement and pensionary benefits to the Mazdoors of Electricity department of Andaman and Nicobar Islands;**
- (b) if so, the details and status thereof;**
- (c) whether there is any delay in the implementation of the directions; and**
- (d) if so, the reasons therefor along with the time this issue is likely to be settled?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

**(a) & (b) : The Hon'ble High Court of Calcutta in its order dated 09.04.2015 in the Case (Writ Petition No. 666/2012, Shri Loknathan & Ors vs Union of India & Ors) filed by Mazdoors of Electricity Dept. of Andaman & Nicobar Islands, has given a judgment that the petitioners shall be deemed to be in service from the date of actual engagement only for the purpose of retiral and pensionary benefits and not for any other purpose.**

**(c) & (d) : The proposal for giving retiral and pensionary benefits to these 495 Mazdoors of Electricity Department of Andaman & Nicobar Islands for compliance of order of Hon'ble High Court is under process. The matter has been taken up with the Department of Expenditure (Ministry of Finance), Department of Personnel and Training (DOPT) and Electricity Department of Andaman & Nicobar Islands for implementation of the Hon'ble Court Order.**

**\*\*\*\*\***

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3026  
ANSWERED ON 17.12.2015**

**NEIGHBOURING COUNTRY**

**†3026. SHRI KANWAR SINGH TANWAR:**

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

- (a) whether transmission carrier between India and Nepal has been identified for exchange of power;**
- (b) if so, the details thereof;**
- (c) the extent to which benefit is likely to be accrued therefrom to both the countries; and**
- (d) the current status of implementation thereof?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

**(a) & (b) : Yes, Madam. The following transmission lines have been identified for exchange of power:**

- (i) 132 KV Raxaul (India) - Parwanipur (Nepal);**
- (ii) 132 kV Kataiya (India) - Kusaha (Nepal);**
- (iii) 400 kV Muzaffarpur (India) – Dhalkebar (Nepal) initially to be charged at 220/132 kV.**

**(c) : On completion of these projects, additional capacity of 300 MW to 800 MW in phases will be created for exchange of power between the two countries.**

**(d) : The scheduled dates of completion of 400 kV Muzaffarpur – Dhalkebar transmission line, 132 kV Kataiya - Kusaha and 132 KV Raxaul - Parwanipur are January, 2016, April, 2016 and May, 2016 respectively.**

\*\*\*\*\*

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3049  
ANSWERED ON 17.12.2015**

**HYDRO DAM PROJECT ON SIANG RIVER**

**3049. DR. C. GOPALAKRISHNAN:**

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

- (a) whether 10,000 MW hydro-dam project is proposed to be constructed on the Siang River in Arunachal Pradesh;**
- (b) if so, the details thereof along with the fund allocated; and**
- (c) the time by which the work on the project is likely to commence and the project made operational?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

**(a) to (c) : Government of Arunachal Pradesh had allotted the Siang Upper Stage-I project (6,000 MW) to NHPC and Siang Upper Stage-II project (3,750 MW) to NEEPCO for implementation. However, Ministry of Water Resources, River Development & Ganga Rejuvenation has proposed the development of a single multipurpose storage project of around 10,000 MW capacity in Siang sub-basin in place of the two stage projects. The proposal is under examination by the Government.**

\*\*\*\*\*



**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3068  
ANSWERED ON 17.12.2015**

**AGREEMENT WITH BANGLADESH**

**3068. SHRI SULTAN AHMED:**

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

- (a) whether Government has entered into any agreement with Bangladesh for transmission of electricity to Bangladesh along with the criteria laid down for investment to commission the work; and
- (b) if so, the details thereof along with the power tariff fixed?

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

(a) & (b): A Memorandum of Understanding (MoU) was signed between Government of Bangladesh and the Government of India on 11<sup>th</sup> January, 2010 on cooperation in field of power sector including investments for mutual benefit. The MoU, *inter-alia*, enables joint cooperation for transmission of electricity. A 500 MW HVDC (High Voltage Direct Current) interconnection between India and Bangladesh has been commissioned in October, 2013 through 100 km long 400 kV transmission line between Baharampur (India) and Bheramara (Bangladesh) with HVDC back-to-back terminal at Bheramara to facilitate power exchange up to 500 MW between the two countries. The Indian portion of the transmission line has been constructed by Central Transmission Utility (CTU) i.e. Power Grid Corporation of India Limited and the investment on transmission was made by them. The investment made by CTU is shared by transmission licensees as per the extant regulations of CERC (Central Electricity Regulatory Commission) regarding Point of Connection mechanism for transmission tariff. At present, Bangladesh is importing 500 MW power from India through the above transmission link. Tariff of power being supplied to Bangladesh varies from month to month and weighted average tariff of power being supplied to Bangladesh in the current year (April to September, 2015) is approximately Rs.3.69 per unit excluding transmission and grid operation related charges.

\*\*\*\*\*

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3082  
ANSWERED ON 17.12.2015**

**R&D IN POWER SECTOR**

**3082. SHRI RAHUL SHEWALE:  
SHRI VINAYAK BHAURAO RAUT:**

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

- (a) the details of the initiatives taken to promote the innovations in the power and energy sector;**
- (b) whether any prototype for electricity generation or power machine has been developed as a result of aforesaid initiatives in the country;**
- (c) if so, the details thereof; and**
- (d) the time by which these machines will be made available to the general public and the manner in which these will be useful to them?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

**(a) : The Government of India is promoting Research and Development for the Indian power sector through Central Power Research Institute (CPRI), a national organization under the Ministry of Power, which promotes applied research leading to technology development in the power sector. The Ministry supports R&D in CPRI through the following three schemes:**

- (i) R&D under National Perspective Plan (NPP);**
- (ii) Research Scheme on Power (RSoP); and**
- (iii) In-House R&D (IHRD).**

**(b) : No, Madam.**

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

\*\*\*\*\*

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3089  
ANSWERED ON 17.12.2015**

**POWER PROJECTS**

**3089. SHRI PARESH RAVAL:  
SHRI RAJESHBHAI CHUDASAMA:  
DR. KIRIT P. SOLANKI:**

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

- (a) the details of the power projects being undertaken for execution, etc. by the Bharat Heavy Electrical Limited (BHEL) including Gujarat State Electricity Corporation Limited (GSECL) along with the repair and maintenance of existing power plants in Gujarat, State/UT-wise;**
- (b) whether there has been any delay in execution of Power Projects by M/s BHEL including the projects executed/yet to be executed till date;**
- (c) if so, the details thereof along with action taken thereon; and**
- (d) the steps Government proposes to take in this regard?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

**(a) to (d): At present there are 44 thermal and 15 hydro-electric power projects under execution by Bharat Heavy Electrical Limited (BHEL) including those of Gujarat State Electricity Corporation Limited (GSECL). In addition, the following renovation and modernisation works of existing power plants are under execution by BHEL in Gujarat:**

- i. Up-gradation of Control system of Ukai Unit No.3 & 4. Order issued on 18.06.2015.**
- ii. Availability & Efficiency improvement through modification in Boiler back pass & APH of Unit No-4 of Ukai TPS. Order issued on 23.09.2015.**

**The power projects get delayed due to various reasons viz. delay in land acquisition, local agitations, law & order problems, contractual disputes, delay in material supply from BHEL, extreme weather conditions etc.**

**State-wise details of power projects being undertaken for execution by BHEL, including GSECL, along with reasons for delay are given at Annex.**

**The steps taken by the Government for timely commissioning of power projects including those of GSECL are given below:**

- (i) Central Electricity Authority (CEA) monitors the progress of under construction power projects through frequent site visits and interaction with the developers and equipment suppliers. CEA holds review meetings periodically with the developers and other stakeholders and identify issues critical for commissioning of projects and help in resolving them.**
- (ii) Regular reviews are also undertaken by Ministry of Power, Ministry of Heavy Industries and Cabinet Secretariat to identify the constraint areas and facilitate faster resolution of inter-ministerial and other outstanding issues.**
- (iii) A Power Project Monitoring Panel (PPMP) has been set up by the Ministry of Power for monitoring of on-going Thermal and Hydro Generation projects targeted for commissioning during the 12th Plan and beyond along with the associated transmission system.**
- (iv) The review meetings are held by Secretary (Power) to monitor completion of power projects being executed by BHEL, with Department of Heavy Industry and BHEL.**
- (v) Issues are also raised in PRAGATI, for proactive governance and timely implementation, as and when required.**

\*\*\*\*\*

**ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 3089 ANSWERED IN THE LOK SABHA ON 17.12.2015.**

\*\*\*\*\*

**Power Projects undertaken for execution by Bharat Heavy Electrical Limited (BHEL) in various States and UTs including Gujarat along with reasons for delay**

**A: THERMAL PROJECTS**

Sl. No.	Project Name	State	Unit No	Capacity (MW)	Commissioning Schedule		Reasons for Delay
					Original	Anticipated	
<b>CENTRAL SECTOR</b>							
1	Bongaigaon TPP	Assam	U-2	250	May-11	Oct-16	Frequent bandhs, Heavy monsoon and slow civil works. Delay in supply of material by BHEL. Work came to halt due to violence and mass exodus of labour from site in 2011-12. Civil works got affected due to poor performance by civil contractors resulting in to their contract cancellation. Balance civil and structural works rewarded to NBCC on 29.09.14 .
			U-3	250	Sep-11	Apr-17	
2	Muzaffarpur TPS Exp	Bihar	U-4	195	Jan-13	Mar-16	Delay in award of main plant civil works. Delay in completion of civil works due to poor performance of civil agency. Delay in land acquisition & availability of Right of Approach.(ROA) for Raw Water Line. Delay in readiness of CHP , AHP and switch yard.
3	Nabi Nagar TPP	Bihar	U-1	250	May-13	Apr-16	Delay in acquisition of Land. Slow progress of works by main plant civil agency M/s ERA resulting in delay in handing over civil fronts to erection agencies. Supply of equipment by BHEL. Agitation by villagers. Patches of land could not be acquired because of unwillingness of people to accept compensation. Financial crunch faced by CHP vendor(Techpro). Acquisition of land and relocation of homestead owners still living inside the project area.
			U-2	250	Sep-13	Apr-17	
			U-3	250	Jan-14	Jul-17	
			U-4	250	May-14	Oct-17	

4	Bokaro TPS "A" Exp.	<i>Jharkhand</i>	U-1	500	Dec-11	Apr-16	Delay in supply of material by BHEL. Delay in handing over of fronts to BHEL because of delay in shifting of switch yard and removal of underground facilities. Delay in resolution of price variation issues. Readiness of CHP & NDCT.
5	North Karanpura TPP	<i>Jharkhand</i>	U-1	660	Feb-18	Oct-18	Delay in start of civil works due to land acquisition issues. Delay in BHEL supplies.
			U-2	660	Aug-18	Dec-18	
			U-3	660	Feb-19	Jun-19	
6	Mouda STPS St-II	<i>Maharashtra</i>	U-3	660	Mar-16	Aug-16	Slow progress works by main plant civil agency(IVRCL). Delay in supply and slow progress in erection activities of Boiler. Slow progress of steam Generator by BHEL.
			U-4	660	Sep-16	Feb-17	
7	Gadarwara STPP	<i>MP</i>	U-1	800	Mar-17	Jun-17	Work stopped due to agitation by villagers demanding additional compensation for already acquired land. Delay in balance land acquisition.
			U-2	800	Sep-17	Nov-17	
8	Monarchak CAPP	<i>Tripura</i>	ST	35.6	Jul-13	Feb-16	Delay in award of civil work contract and supply of material by BHEL. Heavy monsoon. Delay in readiness of Gas pipe line and gas gathering station. Delay in readiness of DM, PT, CT, CW system etc.
9	Unchahar St- IV	<i>UP</i>	U-6	500	Dec-16	Nov-17	Delay in award of main plant civil work packages and BOPs.
10	Raghunathpur TPP, Ph-II	<i>WB</i>	U-3	660	Aug-17	Jun-19	Delay in start of main plant civil works due to fund crunch being faced by DVC.
			U-4	660	Jan-18	Jun-20	
<b>STATE SECTOR</b>							
11	Rayalseema TPP St-III	<i>AP</i>	U-6	600	Aug-14	Feb-17	Delay in start & completion of civil works and land acquisition. Delay in BoP works.
12	Namrup CCGT	<i>Assam</i>	GT	70	Sep-11	Jun-16	Delay in start and slow progress of civil works, Termination of civil contractor. Poor soil conditions and heavy monsoon. Delay in supply of material by BHEL & shortage of skilled manpower. Termination of NBPL order. Delay in rearward of civil and Electrical Mechanical & Instrumentation agency.
			ST	30	Jan-12	Sep-16	
13	Barauni TPS Extn.	<i>Bihar</i>	U-8	250	May-14	Dec-16	Delay in obtaining Environmental clearance, Delay in readiness of CT, CW system etc. and acquisition of balance land for intake pump house, raw water line etc.
			U-9	250	Jul-14	Apr-17	

14	Marwa TPP	<i>Chhattisgarh</i>	U-2	500	Jul-12	Feb-16	Initial delay is due to Change of award of Chimney. Delay in readiness of BOPs (CHP, AHP & 400 KV Switchyard etc.) and Law & Order Problems, pilferage of material etc. Shortage of man power by M/s BGR. Fire Accident in the Coal Handling Plant.
15	Bhavnagar CFBC TPP	<i>Gujarat</i>	U-1	250	Feb-13	Dec-15	Delay in readiness of civil fronts and non - sequential supply. Slow progress of BoPs. Delay in readiness of AHP and Lignite handling plant. Delay in availability of raw water.
			U-2	250	May-13	Apr-16	
16	Wankbori TPS Ext.	<i>Gujarat</i>	U-8	800	Oct-18	Oct-18	
17	Bellary TPS	<i>Karnataka</i>	U-3	700	Aug-14	Jan-16	Delay in awarding civil contract for main plant and BoPs. Dispute between AHP vendor and BHEL. Delay in supply of L.P. Rotor. Change of AHP vendor and completion of CHP.
18	Yermarus TPP	<i>Karnataka</i>	U-1	800	Apr-14	Feb-16	Change in Orientation of marshalling yard, Repeated soil investigations due to change in plot plan and additional soil investigation at specific areas and Illrd party vetting. Readiness of AHP & CHP.
			U-2	800	Oct-14	May-16	
19	Chandrapur TPS	<i>Maharashtra</i>	U-9	500	Sep-12	Feb-16	Delay in placement of BoPs order and delay in main plant equipment supply. Delay in readiness of BoPs and Heavy monsoon.
20	Parli TPP Expn.	<i>Maharashtra</i>	U-8	250	Jan-12	Jan-16	Delay in placement of BoP order. Delay in BTG supply. Delay in approval of drawings. Slow erection work. Slow progress of BoPs due to commercial dispute with M/s Sunil Hitech. Shortage of water.
21	I.B. Vally TPP	<i>Orissa</i>	U-3	660	Aug-17	Dec-17	
			U-4	660	Jan-18	Jun-18	
22	Chhabra STPP	<i>Rajasthan</i>	U-5	660	Sep-16	Feb-17	Delay in receiving Marshalling yard coordinates from RITES, Shortage of man power.
			U-6	660	Jun-17	Dec-17	
23	Suratgarh STPP	<i>Rajasthan</i>	U-7	660	Jul-16	Apr-17	Slow progress of boiler erection.
			U-8	660	Oct-16	Jul-17	
24	Kakatiya TPP Extn	<i>Telangana</i>	U-1	600	Jul-12	Dec-15	Delay in placement of order for BoP's & change of BoP contractor consortium leader, Delay in award of erection agency by BHEL. Delay in handing over of civil fronts by Techpro. Delay in finalisation of raw water reservoir location.
25	Singareni TPP	<i>Telangana</i>	U-1	600	Feb-15	Mar-16	Delay in placement of order for BOPs and subsequent delay in completion of BoP works.
			U-2	600	Jun-15	Jun-16	

26	Bhadradri TPP	Telangana	U-1	270	Feb-17	Nov-17	Delay is notional as the original schedule is too much compressed by utility/ BHEL.
			U-2	270	Apr-17	Jan-18	
			U-3	270	Jun-17	Mar-18	
			U-4	270	Aug-17	May-18	
27	Kothagudem TPS Ext. St-VII	Telangana	U-1	800	Nov-17	Jul-18	Delay is notional as the original schedule is too much compressed by utility/ BHEL.
28	Ennore SCTPP (TANGEDCO)	TN	U-1	660	Jan-18	Sep-18	Delay in civil works.
			U-2	660	Mar-18	Mar-19	
29	Anpara-D	UP	U-7	500	Jun-11	Dec-15	Delay in placement of order for BOPs. Very slow progress of firefighting work. Inadequate manpower deployment by BHEL. Slow work in AHP, CW system & FO system.
30	Sagardighi TPP-II	WB	U-3	500	Jul-14	Feb-16	Slow progress in erection and supply of BTG material. Delay in placement of order for electrical erection work. Delay in readiness of AHP due to termination and re-awarding contract.
			U-4	500	Oct-14	Jun-16	
<b>PRIVATE SECTOR</b>							
31	Vizag TPP	AP	U-1	520	Jun-13	Dec-15	Delay in readiness of transmission line for start-up power. Slow progress of civil works, sea water intake and outfall system, CHP etc.. Delay in readiness of railway line. Delay due to damage because of cyclone.
			U-2	520	Sep-13	Feb-16	
32	Deveri TPP (Visa TPP)	Chhattisgarh	U-1	600	Aug-13	*	Order for AHP, Fire protection system, AC & Ventilation system, LT/HT Switchgear, Cables, Air Compressor, LT transformer, Station, GT & Unit transformer not yet placed. Work is on hold due to financial crunch.
33	Matrishri Usha TPP Ph-I	Jharkhand	U-1	270	May-12	*	Law and order problem. Delay in supply of BTG equipment. Delay in readiness of transmission line due to forest clearance. Work held up due to financial problems since Nov, 12.
			U-2	270	Jun-12	*	
34	Matrishri Usha TPP Ph-II	Jharkhand	U-3	270	Feb-13	*	Law and order problem and delay in supply of BTG material. Work is held up due to financial problems at site.
			U-4	270	Mar-13	*	
35	Amravati TPP Ph-II	Maharashtra	U-1	270	Jul-14	*	No Work is going on at site due to financial problems.
			U-2	270	Sep-14	*	
			U-3	270	Nov-14	*	
			U-4	270	Jan-15	*	
			U-5	270	Mar-15	*	



36	Nasik TPP Ph-I	Maharashtra	U-2	270	Apr-12	Dec-15	Delay in readiness of Railway siding .Non-sequential supply of BTG material & Civil fronts readiness. Payment issue with BHEL. Readiness of Mills, HFO, CHP & AHP, ducting insulation etc. PPA is yet to be signed. Non-Acceptance of BTG material by Project Authorities. No work is going at site due to financial problems.
			U-3	270	Jun-12	Jun-17	
			U-4	270	Aug-12	Nov-17	
			U-5	270	Oct-12	Mar-18	
37	Nasik TPP Ph-II	Maharashtra	U-1	270	Apr-13	*	No Work is going on at site due to financial problems. May slip to 13th plan.
			U-2	270	Jun-13	*	
			U-3	270	Aug-13	*	
			U-4	270	Oct-13	*	
			U-5	270	Dec-13	*	
38	Gorgji TPP	MP	U-1	660	Jun-13	*	Order for main plant equipment has been placed. Work is on hold.
39	Seoni TPP Ph-I	MP	U-1	600	Mar-13	Jul-16	Delay in readiness of civil fronts. Chimney readiness. Delay in supply of boiler and TG material due to financial problem. Presently no work is going on at site. Financial dispute yet to be resolved.
40	Malibrahmani TPP	Orissa	U-1	525	Dec-12	Aug-16	Delay in land acquisition and delay in supply of TG hall structures. Slow progress due to financial problem.
			U-2	525	Feb-13	Dec-16	
41	Goindwal Sahib	Punjab	U-1	270	Apr-13	*	Delay in readiness of CHP & AHP. Delay in readiness of Railway line. Delay in land acquisition.
			U-2	270	Oct-13	*	
42	Prayagraj (Bara) TPP	UP	U-1	660	Feb-14	Dec-15	Delay in BTG supply, Raw water pipe line readiness and transmission line readiness for start-up power. Progress of work at site delayed due to financial problems. Land for railway siding and power evacuation.
			U-2	660	Jul-14	Apr-16	
			U-3	660	Dec-14	Jul-16	
43	Lalitpur TPP	UP	U-1	660	Oct-14	Dec-15	Delay due to heavy rains, delay in TG erection start, boiler insulation and fuel oil system readiness etc. Financial problems. Power evacuation problem.
			U-2	660	Feb-15	Jul-16	
			U-3	660	Jun-15	Oct-16	
44	Kasbere (Haldia) TPP	WB	U-1	150		Jun-16	
			U-2	150		Oct-16	
			U-3	150		Feb-17	

\* The commissioning schedule not determined, as there is no progress of work at site

**B: HYDRO PROJECTS (ABOVE 25 MW)**

SI No.	Project Name	State	Unit No	Capacity (MW)	Commissioning Schedule		Reasons for Delay
					Original	Anticipated	
<b>CENTRAL SECTOR</b>							
1	Tapovan Vishnughad (4x130 = 520 MW) NTPC	Uttarakhand	1 2 3 4	130 130 130 130	2012-13 2012-13 2012-13 2012-13	2018-19 2018-19 2018-19 2018-19	<ul style="list-style-type: none"> <li>➤ Delay in procurement/deployment of Tunnel Boring Machine by Civil Contractor.</li> <li>➤ Slow progress in Power house due to poor rock strata.</li> <li>➤ Heavy water ingress due to bad geology in HRT and rock fall on TBM.</li> <li>➤ Flash flood in June, 2013.</li> <li>➤ Termination of civil contracts for Barrage and HRT.</li> </ul>
2	Lata Tapovan (3x57 = 171 MW) NTPC	Uttrakhand	1 2 3	57 57 57	2017-18 2017-18 2017-18	2021-22 2021-22 2021-22 Subject to restart of works.	<ul style="list-style-type: none"> <li>➤ Flash flood during June, 2013 in Uttarakhand.</li> <li>➤ Local issues / non-start of works in Barrage area</li> <li>➤ Hon'ble Supreme court ban on construction works since May-14.</li> </ul>
3	Tuirial (2x30 = 60 MW) NEEPCO	Mizoram	1 2	30 30	2006-07 2006-07	2016-17 2016-17	<ul style="list-style-type: none"> <li>➤ Suspension of Project activities due to local agitation for about 7 yrs. (June-2004 to May-2011)</li> <li>➤ Poor approach roads.</li> <li>➤ Slope failure in Power House.</li> <li>➤ Insufficient Resource mobilization and lack of labour etc.</li> </ul>
4	Kameng (4x150 = 600 MW) NEEPCO	Arunachal Pradesh	1 2 3 4	150 150 150 150	2009-10 2009-10 2009-10 2009-10	2016-17 2016-17 2016-17 2016-17	<ul style="list-style-type: none"> <li>➤ Change in dam parameters.</li> <li>➤ Slow progress in dam &amp; HRT due to Bad geology, heavy seepage, inadequate machinery.</li> <li>➤ Flash flood in Oct. 2008 and Sept. 2012.</li> <li>➤ Ingress of water in HRT.</li> <li>➤ Poor approach roads.</li> <li>➤ Contractual issues.</li> <li>➤ Shortage of aggregate.</li> <li>➤ Clearance for quarry from State Govt.</li> </ul>
5	Teesta Low Dam- IV (4x40 = 160 MW) NHPC	West Bengal	1 2 3 4	40 40 40 40	2009-10 2009-10 2009-10 2009-10	2015-16 2015-16 2016-17 2016-17	<ul style="list-style-type: none"> <li>➤ Delay in forest clearance.</li> <li>➤ Flash flood in July, 2007, May, 2009 &amp; July, 2010.</li> <li>➤ Gorkha Jan Mukti agitations/bandhs.</li> <li>➤ Cash crunch of Civil contractor (M/s HCC), the civil works were at halt from March, 2013 to November, 2014.</li> </ul>

6	Parbati - II (4x200 = 800 MW) NHPC	Himachal Pradesh	1 2 3 4	200 200 200 200	2009-10 2009-10 2009-10 2009-10	2018-19 2018-19 2018-19 2018-19	<ul style="list-style-type: none"> <li>➤ Hon'ble High Court of Himachal Pradesh ban on stone crusher operation.</li> <li>➤ Delay in revised forest clearance.</li> <li>➤ TBM suffered extensive damage due to heavy ingress of water and slush in TBM face in Nov, 2006.</li> <li>➤ Slide in Power House area in Apr-04, Jun-06 and Feb-07.</li> <li>➤ Flash flood in 2004,2005,2010 and 2011.</li> <li>➤ Jiwa Nallah works affected due to cavity treatment.</li> <li>➤ Contractual issues.</li> </ul>
7	Kishanganga (3x110 = 330 MW) NHPC	Jammu & Kashmir	1 2 3	110 110 110	2015-16 2015-16 2015-16	2016-17 2016-17 2016-17	<ul style="list-style-type: none"> <li>➤ Heavy Rainfall in March, 2011.</li> <li>➤ Cavity in HRT – TBM portion.</li> <li>➤ Poor geology in Access tunnel.</li> <li>➤ Dam works affected due to arbitration proceedings at International Court of Arbitration.</li> <li>➤ Local people demanding Employment in NHPC.</li> <li>➤ R&amp;R Issues.</li> </ul>
8	Vishnugad Pipalkoti (4x111 = 444 MW) THDC	Uttarakhand	1 2 3 4	111 111 111 111	2013-14 2013-14 2013-14 2013-14	2019-20 2019-20 2019-20 2019-20	<ul style="list-style-type: none"> <li>➤ CCEA approval in Aug-2008 but works could not be awarded due to Forest clearance/diversion of forest land. Forest land was acquired in January-14 and subsequently works awarded in January-2014.</li> <li>➤ Disruption of works by local people.</li> </ul>
9	Rammam III (3x40=120 MW) NTPC	West Bengal	1 2 3	40 40 40	2019-20 2019-20 2019-20	2019-20 2019-20 2019-20	
<b>STATE SECTOR</b>							
10	Uhl-III (3x33.33 = 100 MW) BVPCL (HPSEB)	Himachal Pradesh	1 2 3	33.33 33.33 33.33	2006-07 2006-07 2006-07	2017-18 2017-18 2017-18	<ul style="list-style-type: none"> <li>➤ Delay in award of works.</li> <li>➤ Contract for construction of HRT rescinded twice i.e. during May, 2008 &amp; July, 2010 due to slow progress and non-performance by the contractor.</li> <li>➤ Poor geology in HRT.</li> </ul>
11	Pulichintala (4x30 = 120 MW) TGENCO	Telangana	1 2 3 4	30 30 30 30	2009-11 2009-11 2009-11 2009-11	2016-17 2016-17 2016-17 2016-17	<ul style="list-style-type: none"> <li>➤ Delay in award of E&amp;M works.</li> <li>➤ Unprecedented floods in Oct.2009 &amp; Sept.2011.</li> <li>➤ Contractual issues.</li> <li>➤ Slow progress of Power House works.</li> </ul>
12	Nagarjuna Sagar Tail Pool Dam (2x25 = 50 MW) APGENCO	Andhra Pradesh	1 2	25 25	2008-09 2008-09	2015-16 2015-16	<ul style="list-style-type: none"> <li>➤ Slow progress of dam due to frequent flooding during 2009, 2011 &amp; 2013.</li> <li>➤ Delay in award of HM works.</li> <li>➤ Contractual issues in Dam works.</li> <li>➤ Non-availability of water.</li> </ul>

13	Shahpurkandi 3x33+3x33+1x8 =206 MW, Irrigation Deptt. &PSPCL	<u>Punjab</u>	1	33	2017- 18	2018-19 (Subject to restart of works)	➤ Works of Dam stopped since 29.08.2014 due to inter-state dispute between states of J&K & Punjab on sharing of waters of river Ravi & tariff.
			2	33			
			3	33			
			4	33			
			5	33			
			6	33			
			7	8			
14	Vyasi (2X60=120 MW) UJVNL	<u>Uttarakha nd</u>	1	60	2018- 19	2018-19	
			2	60	2018- 19	2018-19	
<b>PRIVATE SECTOR</b>							
15	Maheshwar (10x40 = 400 MW) SMHPCL	Madhya Pradesh	1	40	2001-02	2017-18 (Subject to restart of works)	➤ R&R issues ➤ Cash flow problem with developer
			2	40	2001-02		
			3	40	2001-02		
			4	40	2001-02		
			5	40	2001-02		
			6	40	2001-02		
			7	40	2001-02		
			8	40	2001-02		
			9	40	2001-02		
			10	40	2001-02		

\*\*\*\*\*

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3109  
ANSWERED ON 17.12.2015**

**INTER-GRID CONNECTIVITY**

**3109. SHRI ELUMALAI V.:**

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

- (a) whether power supply from central power grid to the State from the power stations situated outside the State is suffering due to incomplete grid connectivity;**
- (b) if so, the details thereof;**
- (c) the steps taken by the Government to strengthen the grid connectivity between southern grid with power grid of other regions;**
- (d) whether the Government of Tamil Nadu has requested the Government to provide electricity from central pool to tackle the present situation of power cut in the State; and**
- (e) if so, the details thereof and the action taken thereof?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

**(a) & (b) : By and large, there is no constraint in supply of power from central power grid to the states from power stations situated in the NEW Grid (Northern, Eastern, Western and North Eastern grids) . However, some constraint is being experienced in power transfer from NEW Grid to the states in the Southern Region.**

**(c) : A number of transmission lines have been taken up from time to time to strengthen and enhance the transmission capacity for import of power to Southern Grid from the NEW Grid. Since July, 2014, with the commissioning of 765 kV Transmission lines of Wardha-Aurangabad, Aurangabad-Sholapur, Sholapur – Pune, Raichur – Kurnool and Kolhapur – Narendra, the transfer capacity to the southern grid has increased from 3450 MW to 5900 MW. This would be further enhanced to about 18000 MW in different phases on completion of the following transmission lines which are already under implementation:**

- (1) Angul – Srikakulam – Vemagiri 765kV D/c line along with re-alignment works at Vemagiri and system strengthening beyond Vemagiri i.e. Vemagiri-C’peta-Cuddapah 765kv D/C line.**
- (2) Wardha – Nizamabad – Hyderabad 765kV D/c line.**
- (3) Warora Pool – Warangal (New) 765kV D/c line.**
- (4) +800kV, 6000 MW Raigarh-Pugalur-North Trichur HVDC Bipole link.**

**(d) & (e) : No, Madam. In the recent past no such request has been received from the Government of Tamil Nadu to provide electricity from the central power pool.**

\*\*\*\*\*

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3174  
ANSWERED ON 17.12.2015**

**DOMESTIC ELECTRICITY SAVING PROGRAMME**

**†3174. SHRI HARI MANJHI:  
SHRI RAKESH SINGH:**

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

- (a) whether domestic electricity saving programme to conserve energy is being implemented in the country, if so, the details thereof;**
- (b) whether the targets set under the said programme have been achieved so far, if so, the details thereof;**
- (c) whether LED bulbs are being given free of cost or at subsidised rates to the people under this programme, if so, the details thereof, State/UT-wise; and**
- (d) whether the Government is providing subsidy on LED bulbs, if so, the details thereof?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

- (a) : Energy Efficiency Services Limited (EESL), a joint venture company under Ministry of Power, has initiated a Domestic Efficient Lighting Programme (DELP) where energy efficient LED bulbs are being provided by EESL to domestic consumers at an initial payment of Rs.10 each. The balance amount which is between Rs.83 to Rs.95 is recovered over 8-10 months period from the electricity bill of the consumers. The consumers also have the choice of taking the bulbs at one time upfront payment.**
- (b) : The Programme is targeted to distribute 77 crore LED bulbs (Approx.) in the country by 2019. As of now, around 3.7 crore LED bulbs have been distributed.**
- (c) : LED bulbs are not being given free of cost or at subsidized rates to the people under this programme. However, through transparent e-reverse bidding mechanism, prices have come down by 77% from January, 2014 to June, 2015 (from Rs.310 to Rs.73 excluding VAT & Taxes).**
- (d) : Government is not providing subsidy on LED bulbs under the programme.**

\*\*\*\*\*

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3190  
ANSWERED ON 17.12.2015**

**POWER PURCHASE AGREEMENT**

**3190. SHRI HARISHCHANDRA CHAVAN:**

**DR. P. VENUGOPAL:**

**SHRI K. ASHOK KUMAR:**

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

- (a) whether the States have entered into a long term power purchase agreement with the power distribution companies and if so, the details thereof, State/UT-wise; and
- (b) whether the consumers are facing the burden of higher electricity rates due to the said agreement and if so, the details thereof along with the steps proposed to be taken in this regard?

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

(a) & (b): Various power utilities in India have entered into long term power purchase agreements with State generating companies, besides Central and private generating companies. The sale price of electricity from these stations varies and depends upon parameters like type of fuel, source of fuel, location of plants, size of the unit, technology of the plant and plant efficiency. As per information made available by Central Electricity Authority, the sale price of electricity from these stations for the year 2013-14 is as given in Annex.

The consumer tariff is determined by the respective State Electricity Regulatory Commissions (SERCs)/Joint Electricity Regulatory Commissions (JERCs) based on the principles enunciated under the Electricity Act, 2003 and policies framed thereunder. The tariff is decided by the SERCs/JERCs through public hearing of tariff petitions filed by the State Distribution utilities. The tariff of power purchased from the generating companies forms a major part of the consumer tariff. There is no provision for direct regulation of the electricity tariff by the Central Government.

\*\*\*\*\*



## ANNEX REFERRED TO IN REPLY TO PARTS (a) &amp; (b) OF UNSTARRED QUESTION NO. 3190 ANSWERED IN THE LOK SABHA ON 17.12.2015.

\*\*\*\*\*

## RATE OF SALE OF POWER FROM VARIOUS GENERATING STATIONS FOR THE YEAR 2013-14

Name of Utility/Power Station	UTILITY	Energy Source- Coal/Gas/ Naphtha/LSHS/ Diesel/Hydro	State where the unit is located	Installed Capacity (MW)	Rate of Sale of Power as approved by CERC/SERC (Paaise/Kwh)
<b>NORTHERN REGION</b>					
<b>CENTRAL SECTOR</b>					
BHAKRA (RB+LB) +GANGUWAL+KOTLA	BBMB	HYDRO-HYDRO	HP/PUNJAB	1514.73	27.63
DEHAR H P S	BBMB	HYDRO-HYDRO	HIMACHAL PRADESH	990.00	59.92
PONG H P S	BBMB	HYDRO-HYDRO	HIMACHAL PRADESH	396.00	17.97
BAIRA SIUL HPS	NHPC LTD.	HYDRO-HYDRO	HIMACHAL PRADESH	180.00	154.40
CHAMERA- I HPS	NHPC LTD.	HYDRO-HYDRO	HIMACHAL PRADESH	540.00	201.20
CHAMERA- II HPS	NHPC LTD.	HYDRO-HYDRO	HIMACHAL PRADESH	300.00	274.00
CHAMERA- Iii HPS	NHPC LTD.	HYDRO-HYDRO	HIMACHAL PRADESH	231.00	376.60
PARBATI - Iii HPS	NHPC LTD.	HYDRO-HYDRO	HIMACHAL PRADESH	520.00	741.00
NJHPS	SJVNL	HYDRO-HYDRO	HIMACHAL PRADESH	1500.00	287.40
DHAULI GANGA HPS	NHPC LTD.	HYDRO-HYDRO	UTTARAKHAND	280.00	290.60
TANAKPUR HPS	NHPC LTD.	HYDRO-HYDRO	UTTARAKHAND	120.00	229.80
TEHRI HPP	THDC	HYDRO-HYDRO	UTTARAKHAND	1000.00	462.00
KOTESHWAR HEP	THDC	HYDRO-HYDRO	UTTARAKHAND	400.00	368.00
CHUTAK	NHPC LTD.	HYDRO-HYDRO	JAMMU AND KASHMIR	44.00	625.60
DULHASTI HPS	NHPC LTD.	HYDRO-HYDRO	JAMMU AND KASHMIR	390.00	615.80
SALAL HPS	NHPC LTD.	HYDRO-HYDRO	JAMMU AND KASHMIR	690.00	95.80
URI HPS	NHPC LTD.	HYDRO-HYDRO	JAMMU AND KASHMIR	480.00	161.00
URI HPS - II	NHPC LTD.	HYDRO-HYDRO	JAMMU AND KASHMIR	240.00	333.40
NIMMO-BAZGO	NHPC LTD.	HYDRO-HYDRO	JAMMU AND KASHMIR	45.00	985.20
SEWA - II	NHPC LTD.	HYDRO-HYDRO	JAMMU AND KASHMIR	120.00	432.80
NEYVELI BARSINGSAR	NEYVELI LIGNITE CORP. LTD.	THERMAL-LIG	RAJASTHAN	250.00	383.31
ANTA CCPP	NTPC LTD.	THERMAL-GAS	RAJASTHAN	419.30	360.00
RAJASTHAN A.P.S.	NPCIL	NUCLEAR-NUCLEAR	RAJASTHAN	1080.00	343.39
FARIDABAD CCPP	NTPC LTD.	THERMAL-GAS	HARYANA	431.59	356.00
BADARPUR TPS	NTPC LTD.	THERMAL-COAL	DELHI	705.00	469.00
AURAIYA CCPP	NTPC LTD.	THERMAL-GAS	UTTAR PRADESH	663.36	437.00
DADRI COAL- I (NCTPP)	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	840.00	412.00
DADRI COAL - II (NCTPP)	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	980.00	467.00
DADRI CCPP	NTPC LTD.	THERMAL-GAS	UTTAR PRADESH	829.78	421.00
RIHAND STPS I	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	1000.00	215.00
RIHAND STPS ii	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	1000.00	224.00
RIHAND STPS III	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	1000.00	275.00
SINGRAULI STPS	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	2000.00	171.00
TANDA TPS	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	440.00	394.00
UNCHAHAH TPS I	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	420.00	357.00
UNCHAHAH TPS II	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	420.00	358.00
UNCHAHAH TPS III	NTPC LTD.	THERMAL-COAL	UTTAR PRADESH	210.00	405.00
NARORA A.P.S. 1 & 2	NPCIL	NUCLEAR-NUCLEAR	UTTAR PRADESH	440.00	248.56
<b>STATE SECTOR</b>					
<b>HARYANA</b>					
PANIPAT TPS - I (Unit 1 to 4)	HPGCL	THERMAL-COAL	HARYANA	447.80	501.00
PANIPAT TPS - II (Unit 5)	HPGCL	THERMAL-COAL	HARYANA	210.00	373.00
PANIPAT TPS - II (Unit 6)	HPGCL	THERMAL-COAL	HARYANA	210.00	414.00
PANIPAT TPS - II (Unit 7)	HPGCL	THERMAL-COAL	HARYANA	250.00	395.00
PANIPAT TPS - II (Unit 8)	HPGCL	THERMAL-COAL	HARYANA	250.00	395.00
DCRTPP (UNIT 1 TO 2) , Y. NAGAR	HPGCL	THERMAL-COAL	HARYANA	600.00	338.00
RGTPP (UNIT 1 TO 2), KHEDAR, HISSAR	HPGCL	THERMAL-COAL	HARYANA	1200.00	363.00
WYC HYDEL STATION & KAKROI HYDEL PLANT	HPGCL	HYDRO-HYDRO	HARYANA	62.70	111.00
<b>HIMACHAL PRADESH</b>					
GIRI POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	60.00	72.00
ANDHRA POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	16.95	101.00
GUMMA	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	3.00	271.00
BHABA POWER HOUSE/SANJAY P HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	120.00	66.00

GHANVI POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	22.50	123.00
BASSI POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	66.00	97.00
BINWA POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	6.00	204.00
GAJ POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	10.50	299.00
BANER POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	12.00	1387.00
HOLI POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	3.00	195.00
THIROT POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	4.50	273.00
KHAULI POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	12.00	255.00
LARJI POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	126.00	390.00
NOGLI POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	2.50	221.00
CHABA POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	1.75	274.00
RUKTI POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	1.50	133.00
RONGTONG POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	2.00	219.00
CHAMBA POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	0.45	108.00
SAL-II POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	2.00	105.00
KILLAR	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	0.30	1071.00
BHABA AUGUMENTATION POWER HOUSE	HPSEB	HYDRO-HYDRO	HIMACHAL PRADESH	4.50	Not Available
<b>DELHI</b>					
GAS TURBINE POWER STATION	IPGCL	THERMAL-GAS	DELHI	270.00	396.40
RAJGHAT POWER HOUSE	IPGCL	THERMAL-COAL	DELHI	135.00	488.30
PPS-I	PPCL	THERMAL-COAL	DELHI	330.00	314.10
PPS-III	PPCL	THERMAL-GAS	DELHI	1371.20	425.90
<b>JAMMU &amp; KASHMIR</b>					
LOWER JHELUM	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	105.00	61.00
UPPER SINDH -I SUMBAL KANGAN	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	22.60	60.00
UPPER SINDH -II KANGAN	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	105.00	83.00
GANDHARBAL	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	15.00	42.00
BAGLLIHAR HEP	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	450.00	300.00
KARNAH MPH	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	2.00	290.00
CHENANI I	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	23.30	71.00
CHENANI II	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	2.00	94.00
CHENANI III UDHAMPUR	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	7.50	137.00
SEWA-III	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	9.00	194.00
IQBAL MHP KARGIL	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	3.75	177.00
HUNDER MHP	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	0.40	251.00
SUMOOR	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	0.10	332.00
BAZGO MHP	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	0.30	318.00
IGO MERCELLONG	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	3.00	451.00
PAHALGAM MHP	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	4.50	520.00
MARPACHOO	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	0.75	469.00
HAFTAL	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	1.00	454.00
BADERWAH POWER HOUSE	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	1.50	146.00
STAKNA	J&KPDD	HYDRO-HYDRO	JAMMU & KASHMIR	4.00	40.00
<b>PUNJAB</b>					
G.N.D.T.PLANT BATHINDA	PUNJAB STATE POWER COR LTD.	THERMAL-COAL	PUNJAB	450.00	Not available (441 for 2011-12)
G.G.S.S.T.PLANT ROOP NAGAR	PUNJAB STATE POWER COR LTD.	THERMAL-COAL	PUNJAB	1260.00	441.00
G.H.T.PLANT LEHRA MOHABAT	PUNJAB STATE POWER COR LTD.	THERMAL-COAL	PUNJAB	920.00	441.00
SHANAN POWER HOUSE JOGINDER NGR	PUNJAB STATE POWER COR LTD.	HYDRO-HYDRO	PUNJAB	110.00	441.00
U.B.D.C.PATHANKOT / MALIKPUR	PUNJAB STATE POWER COR LTD.	HYDRO-HYDRO	PUNJAB	91.35	441.00
ASHP ANANDPUR SAHIB	PUNJAB STATE POWER COR LTD.	HYDRO-HYDRO	PUNJAB	134.00	441.00
MUKERIAN HYDEL TALWARA	PUNJAB STATE POWER COR LTD.	HYDRO-HYDRO	PUNJAB	207.00	441.00
RANJIT SAGAR Dam(R.S.D) SHAPUR KANDI.	PUNJAB STATE POWER COR LTD.	HYDRO-HYDRO	PUNJAB	600.00	441.00
<b>RAJASTHAN</b>					
KOTA THERMAL POWER STATION	RRVUNL	THERMAL-COAL	RAJASTHAN	1240.00	342.40
SURATGARH THERMAL POWER STATION	RRVUNL	THERMAL-COAL	RAJASTHAN	1500.00	421.25
CHHABRA TPS	RRVUNL	THERMAL-COAL	RAJASTHAN	750.00	367.07
RAMGARH GAS THERMAL POWER STATION	RRVUNL	THERMAL-GAS	RAJASTHAN	220.00	463.68
DHOLPUR GAS THERMAL POWER STATION	RRVUNL	THERMAL-GAS	RAJASTHAN	330.00	423.30
MAHI HYDEL POWER STATION	RRVUNL	HYDRO-HYDRO	RAJASTHAN	140.00	96.11

MINI MICRO HYDEL (MMH) POWER STATION	RRVUNL	HYDRO-HYDRO	RAJASTHAN	23.85	378.00
GIRAL -II	RRVUNL	THERMAL-COAL	RAJASTHAN	125.00	305.00
<b>UTTAR PRADESH</b>					
KHARA HEP	UPJVNL	HYDRO-HYDRO	UTTAR PRADESH	72.00	72.00
MATATILLA HEP	UPJVNL	HYDRO-HYDRO	UTTAR PRADESH	30.60	55.00
OBRA HEP	UPJVNL	HYDRO-HYDRO	UTTAR PRADESH	99.00	53.00
RIHAND/PIPRA HEP	UPJVNL	HYDRO-HYDRO	UTTAR PRADESH	300.00	55.00
UGC PS(NIRGAJINI, CHITORA, SALAWA, BHOLA)	UPJVNL	HYDRO-HYDRO	UTTAR PRADESH	13.70	213.00
ANPARA A TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	630.00	185.86
ANPARA B TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	1000.00	234.61
HARDUAGANJ TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	165.00	444.69
HARDUAGANJ EXTN. TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	500.00	546.97
OBRA A TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	288.00	286.40
OBRA B TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	1000.00	239.11
PANKI TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	210.00	434.34
PARICHHA TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	220.00	394.11
PARICHHA EXTN.TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	420.00	366.28
PARICHHA EXTN. ST. 2 TPS	UPRVUNL	THERMAL-COAL	UTTAR PRADESH	500.00	445.96
<b>UTTARAKHAND</b>					
CHIBRO (YAMUNA) HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	240.00	58.42
CHILLA HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	144.00	66.25
DHAKRANI HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	33.75	68.37
DHALIPUR HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	51.00	84.29
KHATIMA HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	41.40	62.90
KHODRI HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	120.00	75.68
KULHAL HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	30.00	63.93
TILOTH HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	90.00	103.05
MANERI BHALI - II HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	304.00	141.44
RAMGANGA HPS	UTTARAKHAND JVNL	HYDRO-HYDRO	UTTARAKHAND	198.00	76.52
<b>PRIVATE SECTOR</b>					
INDIRA GANDHI STPP(IGSTPP)	ARAVALI POWER CO. PVT.	THERMAL-COAL	HARYANA	1500.00	509.32
VISHNU PRAYAG HEP	J. P. POWER VENTURES	HYDRO-HYDRO	UTTARAKHAND	400.00	203.00
BASPA-II HEP	J. P. POWER VENTURES	HYDRO-HYDRO	HIMACHAL PRADESH	300.00	232.00
KARCHAM WANGTOO HEP	J. P. POWER VENTURES	HYDRO-HYDRO	HIMACHAL PRADESH	1000.00	315.00
MALANA HPS	MALANA PCL	HYDRO-HYDRO	HIMACHAL PRADESH	86.00	279.92
MALANA - II HPS	EVEREST PPL	HYDRO-HYDRO	HIMACHAL PRADESH	100.00	551.50
ALLAIN DUHANGAN HEP	AD HYDRO POWER LTD.	HYDRO-HYDRO	HIMACHAL PRADESH	192.00	531.07
RAJ WESTPOWER LTD. RAJASTHAN	JSW ENERGY LTD.	THERMAL-LIG	RAJASTHAN	1080.00	375.40
RITHALA COMBI. CYCLE POWER PLANT	TATA POWER DDL	THERMAL-GAS	DELHI	94.80	not available
RENUSAGAR DIVISION	HINDALCO IND. LTD.	THERMAL-COAL	UTTAR PRADESH	763.40	not available
ROJA THERMAL POWER PLANT PH-I	ROJA POWER SCL	THERMAL-COAL	UTTAR PRADESH	1200.00	523.00
KHAMBERKHERA	BAJAJ ENERGY PVT. LTD.	THERMAL-COAL	UTTAR PRADESH	90.00	224.00
BARKHERA	BAJAJ ENERGY PVT. LTD.	THERMAL-COAL	UTTAR PRADESH	90.00	223.00
MAQSOODAPUR	BAJAJ ENERGY PVT. LTD.	THERMAL-COAL	UTTAR PRADESH	90.00	223.00
UTRAULA	BAJAJ ENERGY PVT. LTD.	THERMAL-COAL	UTTAR PRADESH	90.00	232.00
KUNDARKHI	BAJAJ ENERGY PVT. LTD.	THERMAL-COAL	UTTAR PRADESH	90.00	224.00
<b>SOUTHERN REGION</b>					
<b>CENTRAL SECTOR</b>					
MADRAS A.P.S. 1 & 2	NPCIL	NUCLEAR-NUCLEAR	TAMIL NADU	440.00	205.39
NEYVELI TPS I	NEYVELI LIGNITE CORP. LTD.	THERMAL-LIG	TAMIL NADU	600.00	337.43
NEYVELI TPS- I EXPN.	NEYVELI LIGNITE CORP. LTD.	THERMAL-LIG	TAMIL NADU	420.00	314.29
NEYVELI TPS-II	NEYVELI LIGNITE CORP. LTD.	THERMAL-LIG	TAMIL NADU	1470.00	263.83
R. GANDHI (KAYAMKULAM)	NTPC LTD.	THERMAL-N	KERALA	359.58	1298.00
RAMAGUNDEM STPS I & II	NTPC LTD.	THERMAL-COAL	ANDHRA PRADESH	2100.00	271.00
RAMAGUNDEM STPS III	NTPC LTD.	THERMAL-COAL	ANDHRA PRADESH	500.00	365.00
SIMHADRI I	NTPC LTD.	THERMAL-COAL	ANDHRA PRADESH	1000.00	341.00
SIMHADRI II	NTPC LTD.	THERMAL-COAL	ANDHRA PRADESH	1000.00	408.00
KAIGA 1,2,3, & 4	NPCIL	NUCLEAR-NUCLEAR	KARNATAKA	880.00	301.96

STATE SECTOR					
<b>ANDHRA PRADESH</b>					
APGAS POWER CORPORN. LTD..(VIJESWARAM - I)	ANDHRA PRADESH GPCL.	THERMAL-GAS	ANDHRA PRADESH	100.00	302.60
APGAS POWER CORPORN. LTD.(VIJESWARAM -II)	ANDHRA PRADESH GPCL.	THERMAL-GAS	ANDHRA PRADESH	172.00	328.30
Dr. NTTPS (VIJAYAWADA TPS)	APGENCO	THERMAL-COAL	ANDHRA PRADESH	1260.00	356.00
Dr. NTTPS-IV (VIJAYAWADA TPS-4)	APGENCO	THERMAL-COAL	ANDHRA PRADESH	500.00	356.00
RAYALASEEMA THERMAL POWER PROJECT-I	APGENCO	THERMAL-COAL	ANDHRA PRADESH	420.00	356.00
RAYALASEEMA THERMAL POWER PROJECT-II	APGENCO	THERMAL-COAL	ANDHRA PRADESH	420.00	356.00
RAYALASEEMA THERMAL POWER PROJECT-III	APGENCO	THERMAL-COAL	ANDHRA PRADESH	210.00	356.00
KOTHAGUDEM THERMAL POWER STATION (O&M)	APGENCO	THERMAL-COAL	ANDHRA PRADESH	720.00	356.00
KOTHAGUDEM THERMAL POWER STATION (KTPS-V)	APGENCO	THERMAL-COAL	ANDHRA PRADESH	500.00	356.00
KOTHAGUDEM THERMAL POWER STATION (KTPS-VI)	APGENCO	THERMAL-COAL	ANDHRA PRADESH	500.00	356.00
RAMAGUNDEM THERMAL POWER STATION	APGENCO	THERMAL-COAL	ANDHRA PRADESH	62.50	356.00
KAKATHIYA TPP (KTPP)	APGENCO	THERMAL-COAL	ANDHRA PRADESH	500.00	356.00
SRISAILAM (O&M)	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	770.00	356.00
SRISAILAM LEBT BANK HES(SLBHES)	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	900.00	356.00
NAGARJUNASAGAR	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	855.60	356.00
UPPER SILERU	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	240.00	356.00
LOWER SILERU	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	460.00	356.00
DONKARAYI	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	25.00	356.00
PENNA AHOBILAM (PABRHES))	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	20.00	356.00
POCHAMPAD	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	36.00	356.00
SINGUR	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	15.00	356.00
NIZAMSAGAR	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	10.00	356.00
PEDDAPALLI MINI HYDELS	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	9.16	356.00
CHETTIPETA	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	1.00	356.00
PRIYADARSHINI JURALA	APGENCO	HYDRO-HYDRO	ANDHRA PRADESH	234.00	356.00
<b>ODISHA</b>					
MUCHKUND	APGENCO	HYDRO-HYDRO	ODISHA	120.00	356.00
<b>KARNATAKA</b>					
TUNGABHADRA HES & HAMPI PH (AP Share)	APGENCO	HYDRO-HYDRO	KARNATAKA	72.00	356.00
BELLARY TPS	KPCL	THERMAL-COAL	KARNATAKA	1000.00	401.03
RAICHUR TPS	KPCL	THERMAL-COAL	KARNATAKA	1720.00	398.81
YELHANKA (DG)	KPCL	THERMAL-DIESEL	KARNATAKA	108.00	2162.06
ALMATTI DPH HPS	KPCL	HYDRO-HYDRO	KARNATAKA	290.00	135.69
BHADRA HPS	KPCL	HYDRO-HYDRO	KARNATAKA	39.20	251.11
GERUSUPPA HPS	KPCL	HYDRO-HYDRO	KARNATAKA	240.00	106.45
GHAT PRABHA HPS	KPCL	HYDRO-HYDRO	KARNATAKA	32.00	129.67
MGHE, JOGFALLS HPS	KPCL	HYDRO-HYDRO	KARNATAKA	139.20	83.92
KADRA HPS	KPCL	HYDRO-HYDRO	KARNATAKA	150.00	144.51
KALINADI HPS/NAGJHARI	KPCL	HYDRO-HYDRO	KARNATAKA	885.00	49.40
SUPA HPS	KPCL	HYDRO-HYDRO	KARNATAKA	100.00	49.40
KODASALLI HPS	KPCL	HYDRO-HYDRO	KARNATAKA	120.00	111.33
LIGANAMAKKI HPS	KPCL	HYDRO-HYDRO	KARNATAKA	55.00	24.36
MUNIRABAD HPS	KPCL	HYDRO-HYDRO	KARNATAKA	28.00	64.94
SHARAVATHY HPS	KPCL	HYDRO-HYDRO	KARNATAKA	1035.00	24.36
SIVASAMUNDRUM HPS	KPCL	HYDRO-HYDRO	KARNATAKA	42.00	110.53
VARAHI (U/G) HPS	KPCL	HYDRO-HYDRO	KARNATAKA	460.00	90.93
MANI DAM POWER HOUSE	KPCL	HYDRO-HYDRO	KARNATAKA	9.00	90.93
SHIMSHAPURA	KPCL	HYDRO-HYDRO	KARNATAKA	17.20	110.53
<b>KERALA</b>					
IDAMALAYAR HPS.	KSEB	HYDRO-HYDRO	KERALA	75.00	468.00
IDUKKI HPS.	KSEB	HYDRO-HYDRO	KERALA	780.00	468.00
KAKKAD HPS.	KSEB	HYDRO-HYDRO	KERALA	50.00	468.00
KALLADA HPS.	KSEB	HYDRO-HYDRO	KERALA	15.00	468.00
KUTTIYADI & KTR	KSEB	HYDRO-HYDRO	KERALA	180.00	468.00
LOWER PERIYAR HPS.	KSEB	HYDRO-HYDRO	KERALA	180.00	468.00
MALANKARA HPS.	KSEB	HYDRO-HYDRO	KERALA	10.50	468.00
NERIAMANGLAM & NES	KSEB	HYDRO-HYDRO	KERALA	77.65	468.00
PALLIVASAL HPS.	KSEB	HYDRO-HYDRO	KERALA	37.50	468.00

PANNIAR HPS.	KSEB	HYDRO-HYDRO	KERALA	32.40	468.00
PORINGALKUTHU+PLBE	KSEB	HYDRO-HYDRO	KERALA	48.00	468.00
SABARIGIRI HPS.	KSEB	HYDRO-HYDRO	KERALA	335.00	468.00
SENGULAM HPS.	KSEB	HYDRO-HYDRO	KERALA	51.20	468.00
SHOLAYAR HPS.	KSEB	HYDRO-HYDRO	KERALA	54.00	468.00
BRAHMAPURAM DG(BDPP)	KSEB	THERMAL-LSHS	KERALA	106.60	468.00
KOZHICODE DG (KDPP)	KSEB	THERMAL-LSHS	KERALA	128.00	468.00
<b>LAKSHADWEEP</b>					
MINICOY	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	4.40	2869.00
KAVARATTI	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	3.20	2869.00
AMINI	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	2.65	2869.00
ANDROTT	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	3.25	2869.00
KALPENI	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	1.25	2869.00
AGATTI	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	2.35	2869.00
KADMAT	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	2.15	2869.00
KILTAN	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	1.00	2869.00
CHETLET	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	0.90	2869.00
BITRA	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	0.43	2869.00
BANGARAM	LAKSHADEEP	THERMAL-DIESEL	LAKSHADWEEP	0.18	2869.00
<b>PUDUCHERRY</b>					
KARAIKAL CCGPP	PUDUCHERRY	THERMAL-GAS	PUDUCHERRY	32.50	381.20
<b>TAMIL NADU</b>					
ENNORE	TN GEN. & DIS. CORP. LTD.	THERMAL-COAL	TAMIL NADU	450.00	498.52
METTUR	TN GEN. & DIS. CORP. LTD.	THERMAL-COAL	TAMIL NADU	840.00	498.52
NORTH CHENNAI	TN GEN. & DIS. CORP. LTD.	THERMAL-COAL	TAMIL NADU	1050.00	498.52
TUTICORIN	TN GEN. & DIS. CORP. LTD.	THERMAL-COAL	TAMIL NADU	630.00	498.52
KOVILKALAPPAL	TN GEN. & DIS. CORP. LTD.	THERMAL-GAS	TAMIL NADU	107.88	498.52
VALUTHUR	TN GEN. & DIS. CORP. LTD.	THERMAL-GAS	TAMIL NADU	95.00	498.52
KUTTALAM	TN GEN. & DIS. CORP. LTD.	THERMAL-GAS	TAMIL NADU	101.00	498.52
PYKARA	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	69.95	498.52
PYKARA MICRO	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	2.00	498.52
MOYAR	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	36.00	498.52
MARAVAKANDY	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	0.75	498.52
KUNDAH-I	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	60.00	498.52
KUNDAH-II	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	175.00	498.52
KUNDAH-III	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	180.00	498.52
KUNDAH-IV	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	100.00	498.52
KUNDAH-V	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	40.00	498.52
KUNDAH-VI (PARSON VALLEY)	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	30.00	498.52
METTUR DAM	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	50.00	498.52
METTUR TUNNEL	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	200.00	498.52
BARRIAGE-I	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	30.00	498.52
BARRIAGE-II	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	30.00	498.52
BARRIAGE-III	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	30.00	498.52
BARRIAGE-IV	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	30.00	498.52
BHAVANI SAGAR	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	8.00	498.52
POONACHI	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	1.00	498.52
SATHANOR	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	7.50	498.52
MUKURTHY	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	0.70	498.52
THIRUMURTHY	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	1.95	498.52
PERIYAR	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	140.00	498.52
VAIGAI	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	6.00	498.52
SURULIYAR	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	35.00	498.52
PAPANASAM	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	32.00	498.52
SERVALAR	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	20.00	498.52
SARKARPATHY	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	30.00	498.52
ALIYAR	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	60.00	498.52
KADAMPARAI	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	400.00	498.52
SHOLAYAR-I	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	70.00	498.52
SHOLAYAR-II	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	25.00	498.52
KODAYAR-I	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	60.00	498.52
KODAYAR-II	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	40.00	498.52
ALIYAR MINI	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	2.50	498.52
PYKARA ULTIMATE	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	150.00	498.52
AMARAVATHY	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	4.00	498.52
PERUNCHANI	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	1.30	498.52
BHAVANI RBC	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	8.00	498.52
BHAVANI KATTALAI (BKB)	TN GEN. & DIS. CORP. LTD.	HYDRO-HYDRO	TAMIL NADU	30.00	498.52

PRIVATE SECTOR					
BSES KERALA POWER LTD.	BSES KERALA	THERMAL-N	KERALA	165.00	1295.00
GMR BARGE MOUNTED CCP PLANT/ GMR ENERGY	GMR BMCC POWER PLANT	THERMAL-GAS	ANDHRA PRADESH	220.00	449.00
JEGURUPADU CAPP, PH-I	GVK INDUSTRIAL LTD.	THERMAL-GAS	ANDHRA PRADESH	216.82	362.00
JEGURUPADU CAPP, PH-II	GVK INDUSTRIAL LTD.	THERMAL-GAS	ANDHRA PRADESH	228.85	456.00
GVK GAUTAMI POWER LIMITED.	GVK GAUTAMI	THERMAL-GAS	ANDHRA PRADESH	464.00	349.21
GMR VEMAGIRI POWER GENERATION LTD.	GMR VEMAGIRI PGL	THERMAL-GAS	ANDHRA PRADESH	388.50	1182.00
SPECTRUM POWER GENERATION LTD.	SPECTRUM PG LTD.	THERMAL-GAS	ANDHRA PRADESH	205.25	364.26
KONASEEMA GAS POWER LTD.	KONASEEMA GAS	THERMAL-GAS	ANDHRA PRADESH	445.00	314.00
RINFRA-SPS	RELIANCE INFRAS. LTD.	THERMAL-GAS	ANDHRA PRADESH	320.00	536.00
LVS POWER	LVS POWER LIMITED.	THERMAL-LSHS	ANDHRA PRADESH	36.80	not available
SIMHAPURI ENERGY LTD. PH-I	SIMHAPURI ENERGY LTD.	THERMAL-COAL	ANDHRA PRADESH	450.00	554.00
SBU 1 JSW(JINDAL) ENERGY LTD. VIJAYANAGAR	JSW ENERGY LTD.	THERMAL-COAL	KARNATAKA	260.00	527.00
SBU 2 JSW(JINDAL) ENERGY LTD. VIJAYANAGAR	JSW ENERGY LTD.	THERMAL-COAL	KARNATAKA	600.00	525.00
UDUPI POWER CORPORATION LTD.	LANCO UDUPI POWER	THERMAL-COAL	KARNATAKA	1200.00	447.24
SREE RAYALASEEMA A&ACL	SREE RAYALASEEMA	THERMAL-DIESEL	KARNATAKA	36.00	not available
MADURAI POWER	MADURAI POWER CORP.	THERMAL-LSHS	TAMIL NADU	106.00	1397.00
PPN POWER	PPN POWER POWER	THERMAL-GAS	TAMIL NADU	330.50	not available
SAMALPATTI POWER PLANT	SAMALPATTI PCPL	THERMAL-LSHS	TAMIL NADU	105.66	1303.67
TAQA NEYVELI POWER COM. PVT. LTD.	TAQA NEYVELI	THERMAL-LIG	TAMIL NADU	250.00	450.00
VALLUR THERMAL POWER PLANT	NTECL	THERMAL-COAL	TAMIL NADU	500.00	442.13
LANCO TANJORE POWER COMPANY LTD.	LANCO TANJORE PCL	THERMAL-GAS	TAMIL NADU	120.00	not available
GMR POWER CORPORATION LTD.	GMR POWER COR.LTD.	THERMAL-LSHS	TAMIL NADU	200.00	1207.00
EASTERN REGION					
CENTRAL SECTOR					
KODERMA TPS	DVC	THERMAL-COAL	JHARKHAND	500.00	419.00
TILLAYA HPS.	DVC	HYDRO-HYDRO	JHARKHAND	4.00	419.00
PANCHET HPS.	DVC	HYDRO-HYDRO	JHARKHAND	80.00	419.00
BOKARO 'B' TPS	DVC	THERMAL-COAL	JHARKHAND	630.00	419.00
CHANDRAPURA(DVC) TPS	DVC	THERMAL-COAL	JHARKHAND	890.00	419.00
DURGAPUR TPS	DVC	THERMAL-COAL	WEST BENGAL	350.00	432.78
DURGAPUR STEEL TPS	DVC	THERMAL-COAL	WEST BENGAL	1000.00	432.78
MEJIA TPS	DVC	THERMAL-COAL	WEST BENGAL	2340.00	432.78
MAITHON HPS.	DVC	HYDRO-HYDRO	WEST BENGAL	63.20	432.78
TLDP -III	NHPC LTD.	HYDRO-HYDRO	WEST BENGAL	132.00	Not available
FARAKKA STPS I & II	NTPC LTD.	THERMAL-COAL	WEST BENGAL	1600.00	396.00
FARAKKA STPS III	NTPC LTD.	THERMAL-COAL	WEST BENGAL	500.00	478.00
KAHALGAON TPS I	NTPC LTD.	THERMAL-COAL	BIHAR	840.00	376.00
KAHALGAON TPS II	NTPC LTD.	THERMAL-COAL	BIHAR	1500.00	385.00
MTPS STAGE - i	KANTI BIJLEE UTPADAN N LTD	THERMAL-COAL	BIHAR	220.00	501.80
TALCHER TPS	NTPC LTD.	THERMAL-COAL	ORISSA	460.00	179.00
TALCHER KANIHA I	NTPC LTD.	THERMAL-COAL	ORISSA	1000.00	235.00
TALCHER KANIHA II	NTPC LTD.	THERMAL-COAL	ORISSA	2000.00	228.00
TEESTA V HPS	NHPC LTD.	HYDRO-HYDRO	SIKKIM	510.00	233.80
RANGIT HPS	NHPC LTD.	HYDRO-HYDRO	SIKKIM	60.00	290.40
STATE SECTOR					
ANDAMAN & N. I.					
ANDMAN & NIC. ISLAND ED(53 Stns.)	ANDMAN & NIC. ISLAND	TH-DIESEL+H+ SOLAR	ANDMAN & N. I.	104.65	1859.00
BIHAR					
Barauni T P S	BIHAR STATE POWER GENCO	THERMAL-COAL	BIHAR	320.00	not available
E.G. CANAL HEP. V Nagar	BIHAR STATE HEPCL	HYDRO-HYDRO	BIHAR	15.00	249.00
SONE EAST CANAL HPS. Barun	BIHAR STATE HEPCL	HYDRO-HYDRO	BIHAR	3.30	249.00
SONE WEST CANAL HPS. Dehri	BIHAR STATE HEPCL	HYDRO-HYDRO	BIHAR	6.60	249.00
JHARKHAND					
TENUGHAT THERMAL POWER STATION	TENUGHAT VIDYUT NIGAM LTD	THERMAL-COAL	JHARKHAND	420.00	307.64
PATRATU TPS	JHARKHAND S E B	THERMAL-COAL	JHARKHAND	840.00	174.00
SIKIDIRI HYDEL	JHARKHAND S E B	HYDRO-HYDRO	JHARKHAND	130.00	360.00

<b>ODISHA</b>					
BALIMELA HPS.	ODISHA HPCL	HYDRO-HYDRO	ODISHA	510.00	71.12
HIRAKUD HEP	ODISHA HPCL	HYDRO-HYDRO	ODISHA	275.50	92.53
CHIPLIMA HEP	ODISHA HPCL	HYDRO-HYDRO	ODISHA	72.00	52.19
RENGALI HPS.	ODISHA HPCL	HYDRO-HYDRO	ODISHA	250.00	78.46
UPPER INDRAVATI HPS.	ODISHA HPCL	HYDRO-HYDRO	ODISHA	600.00	80.52
UPPER KOLAB HPS.	ODISHA HPCL	HYDRO-HYDRO	ODISHA	320.00	35.35
MACHHKUND HEP	ODISHA HPCL	HYDRO-HYDRO	ODISHA	120.00	30.80
IB VALLEY TPS	ODISHA PGCL.	THERMAL-COAL	ODISHA	420.00	209.40
<b>SIKKIM</b>					
L L H P (LOWER LAGYAP )	GOVT. OF SIKKIM, EPDEPTT.	HYDRO-HYDRO	SIKKIM	12.00	not available
J P H	GOVT. OF SIKKIM, EPDEPTT.	HYDRO-HYDRO	SIKKIM	2.10	not available
RIMBI - I	GOVT. OF SIKKIM, EPDEPTT.	HYDRO-HYDRO	SIKKIM	0.60	not available
RONGNICHU	GOVT. OF SIKKIM, EPDEPTT.	HYDRO-HYDRO	SIKKIM	2.50	not available
MEYONGCHU	GOVT. OF SIKKIM, EPDEPTT.	HYDRO-HYDRO	SIKKIM	4.00	not available
RIMBI - II	GOVT. OF SIKKIM, EPDEPTT.	HYDRO-HYDRO	SIKKIM	1.00	not available
KALEZ	GOVT. OF SIKKIM, EPDEPTT.	HYDRO-HYDRO	SIKKIM	2.00	not available
RABUMCHU	GOVT. OF SIKKIM, EPDEPTT.	HYDRO-HYDRO	SIKKIM	3.00	not available
D P H (GANGTOK DG)	GOVT. OF SIKKIM, EPDEPTT.	THERMAL-DIESEL	SIKKIM	4.00	not available
<b>WEST BENGAL</b>					
DURGAPUR PROJECTS LIMITED	DPL	THERMAL-COAL	WEST BENGAL	641.00	440.91
KOLAGHAT THERMAL POWER STATION	WEST BENGAL PDCL	THERMAL-COAL	WEST BENGAL	1260.00	303.49
BAKRESHWAR THERMAL POWER PLANT	WEST BENGAL PDCL	THERMAL-COAL	WEST BENGAL	1050.00	320.69
BANDEL THERMAL POWER STATION	WEST BENGAL PDCL	THERMAL-COAL	WEST BENGAL	450.00	338.22
SANTHALDIH THERMAL POWER STATION	WEST BENGAL PDCL	THERMAL-COAL	WEST BENGAL	500.00	358.22
SAGARDIGHI THERMAL POWER PROJECT	WEST BENGAL PDCL	THERMAL-COAL	WEST BENGAL	600.00	321.15
JALDHAKA H E P	WEST BENGAL SEDCL	HYDRO-HYDRO	WEST BENGAL	44.00	659.00
RAMAM H E P	WEST BENGAL SEDCL	HYDRO-HYDRO	WEST BENGAL	51.00	659.00
TEESTA CANAL FALLS	WEST BENGAL SEDCL	HYDRO-HYDRO	WEST BENGAL	67.50	659.00
PURULIA PUMPED STORAGE PROJECT	WEST BENGAL SEDCL	HYDRO-HYDRO	WEST BENGAL	900.00	659.00
MINI MICRO	WEST BENGAL SEDCL	HYDRO-HYDRO	WEST BENGAL	10.00	659.00
<b>PRIVATE SECTOR</b>					
RAJRAPPA	EASTERN (I) POWERTECH	THERMAL-WR	JHARKHAND	11.00	not available
GIDI	EASTERN (I) POWERTECH	THERMAL-WR	JHARKHAND	11.00	not available
JOJOBERA UNIT 1	TATA POWER COM. LTD.	THERMAL-COAL	JHARKHAND	67.50	491.00
JOJOBERA UNIT 2	TATA POWER COM. LTD.	THERMAL-COAL	JHARKHAND	120.00	391.00
JOJOBERA UNIT 3	TATA POWER COM. LTD.	THERMAL-COAL	JHARKHAND	120.00	384.00
JOJOBERA UNIT 4	TATA POWER COM. LTD.	THERMAL-COAL	JHARKHAND	120.00	399.00
MAITHON UNIT 1	TATA POWER COM. LTD.	THERMAL-COAL	JHARKHAND	525.00	376.00
MAITHON UNIT 2	TATA POWER COM. LTD.	THERMAL-COAL	JHARKHAND	525.00	376.00
DISHERGARH POWER STATION	INDIA POWER	THERMAL-COAL	WEST BENGAL	12.00	424.00
CALCUTTA ELECTRIC SCL	CALCUTTA ELECTRIC SCL	THERMAL-COAL	WEST BENGAL	1225.00	611.00
HALDIA UNIT 1	TATA POWER COM. LTD.	THERMAL-WHR	WEST BENGAL	45.00	277.00
HALDIA UNIT 2	TATA POWER COM. LTD.	THERMAL-WHR	WEST BENGAL	45.00	277.00
HALDIA UNIT 3	TATA POWER COM. LTD.	THERMAL-WHR	WEST BENGAL	30.00	277.00
HIRAKUD POWER	HINDALCO IND. LTD.	THERMAL-COAL	ODISSA	467.50	275.00
STERLITE ENERGY LTD. JHARSUGUDA	VEDANTA	THERMAL-COAL	ODISHA	2400.00	372.00
<b>WESTERN REGION</b>					
<b>CENTRAL SECTOR</b>					
GANDHAR CCPP	NTPC LTD.	THERMAL-GAS	GUJARAT	657.39	321.00
KAKRAPARA 1 & 2	NPCIL	NUCLEAR-NUCLEAR	GUJARAT	440.00	237.31
KAWAS CCPP	NTPC LTD.	THERMAL-GAS	GUJARAT	656..20	293.00
KORBA I & II	NTPC LTD.	THERMAL-COAL	CHHATTISGARH	2100.00	152.00
KORBA III	NTPC LTD.	THERMAL-COAL	CHHATTISGARH	500.00	258.00
SIPAT STPS I	NTPC LTD.	THERMAL-COAL	CHHATTISGARH	1980.00	294.00
SIPAT STPS II	NTPC LTD.	THERMAL-COAL	CHHATTISGARH	1000.00	284.00
OMKARESHWAR HPS	NHDC LTD.	HYDRO-HYDRO	MADHYA PRADESH	520.00	303.06
INDIRA SAGAR HPS	NHDC LTD.	HYDRO-HYDRO	MADHYA PRADESH	1000.00	179.81
VINDHYACHAL STPS I	NTPC LTD.	THERMAL-COAL	MADHYA PRADESH	1260.00	221.00
VINDHYACHAL STPS II	NTPC LTD.	THERMAL-COAL	MADHYA PRADESH	1000.00	212.00
VINDHYACHAL STPS III	NTPC LTD.	THERMAL-COAL	MADHYA PRADESH	1000.00	260.00
VINDHYACHAL STPS IV	NTPC LTD.	THERMAL-COAL	MADHYA PRADESH	1000.00	305.00
MOUDA i	NTPC LTD.	THERMAL-COAL	MAHARASHTRA	1000.00	460.00

TARAPUR 3 & 4	NPCIL	NUCLEAR-NUCLEAR	MAHARASHTRA	1080.00	285.11
TARAPUR 1 & 2	NPCIL	NUCLEAR-NUCLEAR	MAHARASHTRA	320.00	96.79
RGPPL, ANJANVEL NTPC+GAIL)	RATNAGIRI GPPL	THERMAL-GAS	MAHARASHTRA	1967.08	430.08
<b>STATE SECTOR</b>					
<b>CHHATTISGARH</b>					
KORBA TPS EAST	CSPGCL	THERMAL-COAL	CHHATTISGARH	440.00	224.96
DSPM TPS KORBA EAST	CSPGCL	THERMAL-COAL	CHHATTISGARH	500.00	236.40
KORBA-WEST EXTENSION TPS	CSPGCL	THERMAL-COAL	CHHATTISGARH	500.00	265.00
HASDEO TPS KORBA WEST	CSPGCL	THERMAL-COAL	CHHATTISGARH	840.00	168.50
GANGREL HEP	CSPGCL	HYDRO-HYDRO	CHHATTISGARH	10.00	376.50
BANGO HEP	CSPGCL	HYDRO-HYDRO	CHHATTISGARH	120.00	88.80
MINI HYDEL (SHP KW)	CSPGCL	HYDRO-HYDRO	CHHATTISGARH	1.70	420.10
SIKASAR HEP	CSPGCL	HYDRO-HYDRO	CHHATTISGARH	7.00	271.20
<b>GUJARAT</b>					
DHUVARAN CAPP-1	GSECL	THERMAL-GAS	GUJARAT	107.00	1622.85
DHUVARAN CAPP-2	GSECL	THERMAL-GAS	GUJARAT	112.00	825.54
GANDHI NAGAR TPS 1-4	GSECL	THERMAL-COAL	GUJARAT	660.00	822.49
GANDHI NAGAR TPS 5	GSECL	THERMAL-COAL	GUJARAT	210.00	386.25
KUTCH LIG. TPS 1-3	GSECL	THERMAL-LIG	GUJARAT	215.00	312.75
KUTCH LIG. TPS 4	GSECL	THERMAL-LIG	GUJARAT	75.00	447.36
SIKKA TPS	GSECL	THERMAL-COAL	GUJARAT	240.00	645.62
UKAI 1-5	GSECL	THERMAL-COAL	GUJARAT	850.00	349.59
UKAI TPS 6	GSECL	THERMAL-COAL	GUJARAT	500.00	376.45
WANAKBORI TPS 1-6	GSECL	THERMAL-COAL	GUJARAT	1260.00	429.87
WANAKBORI TPS 7	GSECL	THERMAL-COAL	GUJARAT	210.00	383.61
KADANA HPS	GSECL	HYDRO-HYDRO	GUJARAT	242.00	141.39
UKAI HPS	GSECL	HYDRO-HYDRO	GUJARAT	305.00	28.60
SARDAR SAROVAR PROJECT	SSNNL	HYDRO-HYDRO	GUJARAT	1200.00	205.00
SARDAR SAROVAR PROJECT	SSNNL	HYDRO-HYDRO	GUJARAT	250.00	205.00
<b>MADHYA PRADESH</b>					
TONS HYDRO POWER STATION	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	315.00	116.00
BANSAGAR-II	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	30.00	101.00
BANSAGAR- III	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	60.00	117.00
JHINNA HPS	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	20.00	151.00
RANI AVANTI BAI-BARGI HPS	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	90.00	36.00
GANDHI SAGAR HPS	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	115.00	41.00
SANJAY GANDHI HPS	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	20.00	148.00
MADHIKHERA HPS	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	60.00	309.00
PENCH HPS	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	160.00	80.00
RAJGHAT HPS	MPPGCL	HYDRO-HYDRO	MADHYA PRADESH	45.00	167.00
AMARKANTAK PH II	MPPGCL	THERMAL-COAL	MADHYA PRADESH	240.00	235.00
AMARKANTAK PH III	MPPGCL	THERMAL-COAL	MADHYA PRADESH	240.00	330.00
SANJAY GANDHI TPH/SGTPS PH-I	MPPGCL	THERMAL-COAL	MADHYA PRADESH	420.00	387.00
SANJAY GANDHI TPH/SGTPS PH-II	MPPGCL	THERMAL-COAL	MADHYA PRADESH	420.00	387.00
SANJAY GANDHI TPH/SGTPS PH-III	MPPGCL	THERMAL-COAL	MADHYA PRADESH	500.00	384.00
SATPURA TPH STPS PH II	MPPGCL	THERMAL-COAL	MADHYA PRADESH	410.00	281.00
SATPURA TPH STPS PH III	MPPGCL	THERMAL-COAL	MADHYA PRADESH	420.00	281.00
SATPURA TPH STPS PH IV	MPPGCL	THERMAL-COAL	MADHYA PRADESH	500.00	397.00
<b>MAHARASHTRA</b>					
BHUSAWAL TPS	MSPGCL	THERMAL-COAL	MAHARASHTRA	1420.00	361.00
CHANDRAPUR(MAHARASHTRA) STPS	MSPGCL	THERMAL-COAL	MAHARASHTRA	2340.00	227.00
KHAPERKHEDA	MSPGCL	THERMAL-COAL	MAHARASHTRA	1340.00	329.00
KORADI TPS	MSPGCL	THERMAL-COAL	MAHARASHTRA	620.00	403.00
NASIK TPS	MSPGCL	THERMAL-COAL	MAHARASHTRA	630.00	424.00
PARLI TPS	MSPGCL	THERMAL-COAL	MAHARASHTRA	1130.00	356.00
PARAS	MSPGCL	THERMAL-COAL	MAHARASHTRA	500.00	332.00
URAN CAPP	MSPGCL	THERMAL-GAS	MAHARASHTRA	672.00	270.00
KOYANA/POPHALI	MSPGCL	HYDRO-HYDRO	MAHARASHTRA	1956.00	26.00
VAITARANA	MSPGCL	HYDRO-HYDRO	MAHARASHTRA	82.50	79.00
YELDARI	MSPGCL	HYDRO-HYDRO	MAHARASHTRA	34.50	270.00
BHATGHAR	MSPGCL	HYDRO-HYDRO	MAHARASHTRA	50.00	165.00
PANSHET	MSPGCL	HYDRO-HYDRO	MAHARASHTRA	37.00	159.00
BHIRA	MSPGCL	HYDRO-HYDRO	MAHARASHTRA	80.00	58.00
TILLARI	MSPGCL	HYDRO-HYDRO	MAHARASHTRA	89.00	58.00



PRIVATE SECTOR					
BINA TPP	J. P. POWER VENTURES	THERMAL-COAL	MADHYA PRADESH	500.00	482.00
KAWAI TPP,RAJASTHAN	ADANI POWER LTD.	THERMAL-COAL	RAJASTHAN	1320.00	337.64
CGPL MUNDRA	TATA POWER COM. LTD.	THERMAL-COAL	GUJARAT	4000.00	241.00
MUNDRA TPP, GUJARAT	ADANI POWER LTD.	THERMAL-COAL	GUJARAT	4620.00	283.55
SABARMATI THERMAL POWER STAN. SABARMATI	TORRENT POWER LTD.	THERMAL-COAL	GUJARAT	422.00	327.00
ESSAR POWER, HAZIRA	ESSAR POWER LTD.	THERMAL-GAS	GUJARAT	515.00	not available
ESSAR POWER, GUJARAT	ESSAR POWER LTD.	THERMAL-COAL	GUJARAT	1200.00	263.00
GSEG-HAZIRA	GUJARAT S ENE.GEN. LTD.	THERMAL-GAS	GUJARAT	156.10	not available
165 MW POWER PLANT (STATION- II)	GUJARAT INDUSTRIES PCL	THERMAL-GAS	GUJARAT	165.00	881.92
145 MW POWER PLANT (STATION- I)	GUJARAT INDUSTRIES PCL	THERMAL-GAS	GUJARAT	145.00	547.89
SURAT LIG. POWER PLANT (SLPL STATION -I)	GUJARAT INDUSTRIES PCL	THERMAL-LIG	GUJARAT	250.00	246.92
SURAT LIG. POWER PPANT (SSPP STATION -II)	GUJARAT INDUSTRIES PCL	THERMAL-LIG	GUJARAT	250.00	323.42
AKRIMOTA THERMAL POWER STATION	GUJARAT MINERAL DCL	THERMAL-LIG	GUJARAT	250.00	210.00
PAGUTHAN CGPP	CLP INDIA PVT. LTD.	THERMAL-GAS	GUJARAT	655.00	2861.00
MUNDRA UMPP	COASTAL GUJARAT POWER LTD.	THERMAL-COAL	GUJARAT	4000.00	240.94
LANCO AMARKANTAK TPP PATHADIH	LANCO AMARKAN. P.LTD.	THERMAL-COAL	CHHATTISGARH	300.00	307.00
NTPC-SAIL POWER COM. PRIVATE LTD.	NTPC-SAIL POWER	THERMAL-COAL	CHHATTISGARH	500.00	256.80
O. P. JINDAL STPS	JINDAL POWER LTD.	THERMAL-COAL	CHHATTISGARH	1000.00	not available
GOA ENERGY PRIVATE LTD.	GOA ENERGY	THERMAL-GAS	GOA	30.00	240.00
PONTEMOL DIV. -VII CURCHOREM	GOA SPONGE & POWER	THERMAL-COAL	GOA	12.00	240.00
RINFRA-GOA	RELIANCE INFRAS. LTD.	THERMAL-N	GOA	48.00	1338.00
ABHIJEET MADC NAGPUR ENERGY PVT.	ABHIJEET MADC NAGPUR	THERMAL-COAL	MAHARASHTRA	246.00	292.00
WPCL-WARORA	WARDHA POWER COM. LTD.	THERMAL-COAL	MAHARASHTRA	540.00	496.00
TIRODA TPP, MAHARASHTRA	ADANI POWER LTD.	THERMAL-COAL	MAHARASHTRA	3300.00	338.16
DAHANU TPS	RELIANCE INFRAS. LTD.	THERMAL-COAL	MAHARASHTRA	500.00	346.00
TROMBAY UNIT 5	TATA POWER COM. LTD.	THERMAL-COAL	MAHARASHTRA	500.00	420.00
TROMBAY UNIT 6	TATA POWER COM. LTD.	THERMAL-GAS	MAHARASHTRA	500.00	1906.00
TROMBAY UNIT 7	TATA POWER COM. LTD.	THERMAL-GAS	MAHARASHTRA	180.00	373.00
TROMBAY UNIT 8	TATA POWER COM. LTD.	THERMAL-COAL	MAHARASHTRA	250.00	467.00
BHIRA	TATA POWER COM. LTD.	HYDRO-HYDRO	MAHARASHTRA	150.00	143.00
BHIRA	TATA POWER COM. LTD.	HYDRO-HYDRO	MAHARASHTRA	150.00	143.00
BHIVPURI	TATA POWER COM. LTD.	HYDRO-HYDRO	MAHARASHTRA	75.00	264.00
KHOPOLI	TATA POWER COM. LTD.	HYDRO-HYDRO	MAHARASHTRA	72.00	335.00
SBU 3 JSW(JINDAL)ENERGY LTD.	JSW ENERGY LTD.	THERMAL-COAL	MAHARASHTRA	1200.00	369.00
NORTH EASTERN REGION					
CENTRAL SECTOR					
LOKTAK HPS.	NHPC LTD.	HYDRO-HYDRO	MANIPUR	105.00	278.40
AGARTALA GT	NEEPCO	THERMAL-GAS	TRIPURA	84.00	371.38
ASSAM GAS BASED P PRO.	NEEPCO	THERMAL-GAS	ASSAM	291.00	342.21
DOYANG HPS.	NEEPCO	HYDRO-HYDRO	NAGALAND	75.00	415.46
KOPILI + KOPILI II +KHANDONG	NEEPCO	HYDRO-HYDRO	ASSAM/MEGHALAYA	275.00	95.05
RANGANADI HPS.	NEEPCO	HYDRO-HYDRO	ARUNACHAL PRADESH	405.00	243.76
STATE SECTOR					
ASSAM					
KARBI LANGPI HPS.	ASSAM POWER GENCO	HYDRO-HYDRO	ASSAM	100.00	142.50
LAKWA TPS	ASSAM POWER GENCO	THERMAL-GAS	ASSAM	157.20	364.77
NAMRUP TPS	ASSAM POWER GENCO	THERMAL-GAS	ASSAM	119.50	379.67
NAGALAND					
LIKIMRO HEP	GOVT. OF NAGALAND	HYDRO-HYDRO	NAGALAND	24.00	448.00
LANG MHP	GOVT. OF NAGALAND	HYDRO-HYDRO	NAGALAND	1.00	448.00
MANIPUR					
LEIMAKHONG	MANIPUR ELEC. DEPTT.	HYDRO-HYDRO	MANIPUR	0.60	426.00
HEAVY FUEL BASE POWER PLANT	MANIPUR ELEC. DEPTT.	THERMAL-DIESEL	MANIPUR	36.00	426.00
IMPHAL POWER HOUSE	MANIPUR ELEC. DEPTT.	THERMAL-DIESEL	MANIPUR	2.24	426.00

<b>MEGHALAYA</b>					
<b>UMIAM ST. I</b>	<b>MEGHALAYA ENE. COR. LTD</b>	<b>HYDRO-HYDRO</b>	<b>MEGHALAYA</b>	<b>36.00</b>	<b>97.00</b>
<b>UMIAM ST. II</b>	<b>MEGHALAYA ENE. COR. LTD</b>	<b>HYDRO-HYDRO</b>	<b>MEGHALAYA</b>	<b>20.00</b>	<b>137.80</b>
<b>UMIAM ST. III</b>	<b>MEGHALAYA ENE. COR. LTD</b>	<b>HYDRO-HYDRO</b>	<b>MEGHALAYA</b>	<b>60.00</b>	<b>135.00</b>
<b>UMIAM ST. IV</b>	<b>MEGHALAYA ENE. COR. LTD</b>	<b>HYDRO-HYDRO</b>	<b>MEGHALAYA</b>	<b>60.00</b>	<b>91.00</b>
<b>UMTRU</b>	<b>MEGHALAYA ENE. COR. LTD</b>	<b>HYDRO-HYDRO</b>	<b>MEGHALAYA</b>	<b>11.20</b>	<b>90.00</b>
<b>SONAPANI</b>	<b>MEGHALAYA ENE. COR. LTD</b>	<b>HYDRO-HYDRO</b>	<b>MEGHALAYA</b>	<b>1.50</b>	<b>114.00</b>
<b>LESHKA</b>	<b>MEGHALAYA ENE. COR. LTD</b>	<b>HYDRO-HYDRO</b>	<b>MEGHALAYA</b>	<b>126.00</b>	<b>283.00</b>
<b>MIZORAM</b>					
<b>SERLUI-A</b>	<b>MIZORAM POWER ELECT.</b>	<b>HYDRO-HYDRO</b>	<b>MIZORAM</b>	<b>1.00</b>	<b>359.00</b>
<b>KHAWIVA</b>	<b>MIZORAM POWER ELECT.</b>	<b>HYDRO-HYDRO</b>	<b>MIZORAM</b>	<b>1.05</b>	<b>359.00</b>
<b>TUIPUI</b>	<b>MIZORAM POWER ELECT.</b>	<b>HYDRO-HYDRO</b>	<b>MIZORAM</b>	<b>0.50</b>	<b>359.00</b>
<b>MAICHARM -I</b>	<b>MIZORAM POWER ELECT.</b>	<b>HYDRO-HYDRO</b>	<b>MIZORAM</b>	<b>2.00</b>	<b>359.00</b>
<b>TEIREI</b>	<b>MIZORAM POWER ELECT.</b>	<b>HYDRO-HYDRO</b>	<b>MIZORAM</b>	<b>3.00</b>	<b>359.00</b>
<b>KAU TLABUNG</b>	<b>MIZORAM POWER ELECT.</b>	<b>HYDRO-HYDRO</b>	<b>MIZORAM</b>	<b>3.00</b>	<b>359.00</b>
<b>SERLUI -B</b>	<b>MIZORAM POWER ELECT.</b>	<b>HYDRO-HYDRO</b>	<b>MIZORAM</b>	<b>12.00</b>	<b>359.00</b>
<b>LENGPUI DG SET(AIRPORT)</b>	<b>MIZORAM POWER ELECT.</b>	<b>THERMAL-DIESEL</b>	<b>MIZORAM</b>	<b>0.50</b>	<b>359.00</b>
<b>TRIPURA</b>					
<b>BARAMURA GT</b>	<b>TRIPURA SECL</b>	<b>THERMAL-GAS</b>	<b>TRIPURA</b>	<b>42.00</b>	<b>514.94</b>
<b>ROKHIA GT</b>	<b>TRIPURA SECL</b>	<b>THERMAL-GAS</b>	<b>TRIPURA</b>	<b>95.00</b>	<b>514.94</b>
<b>GUMTI HPS.</b>	<b>TRIPURA SECL</b>	<b>HYDRO-HYDRO</b>	<b>TRIPURA</b>	<b>15.00</b>	<b>514.94</b>

Note

LIG: Lignite; MMH; Mini Micro Hydel; N: Naphtha; 0.00: Not given by concerned utility; WHR: Waste Heat Recovery &

WR: Washery Rejects.

Punjab State Power Corporation Ltd. not given Rate of Sale of Power, hence Rate of Sale of Power taken from 2011-12 data.

\* SOURCE: Central Electricity Authority.

\*\*\*\*\*

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.3206  
ANSWERED ON 17.12.2015**

**POWER RELATED PROBLEMS**

**†3206. SHRI C.R. CHAUDHARY:**

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

- (a) whether any agency has been constituted to monitor the power related problems in the country;**
- (b) if so, the details thereof;**
- (c) whether the transformer testing facility available in the country is inadequate; and**
- (d) if so, the reasons therefor along with the steps taken by the Government in this regard?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

**(a) & (b): No single agency alone monitors the power related problems in the country.**

**(c) : Yes, Madam.**

**(d): Some of the major manufacturers of transformers and Central Power Research Institute (the largest electrical test laboratory in India) have the facility for testing transformers upto 765 kV except Short Circuit test which is a special test being conducted as per mutual agreement between supplier and purchaser.**

**CPRI has short circuit generator of 2500 MVA capacity only which is a limitation. Transformers rated above 250 MVA are taken to overseas laboratories for short circuit testing.**

**Under the 12<sup>th</sup> Five Year Plan, the Ministry of Power has approved for enhancing total capacity of short circuit generators from existing 2500 MVA to 7500 MVA which will facilitate testing of transformers rated upto 315 MVA (400kV).**

**In addition, the National High Power Test Laboratory (a joint venture company of NTPC, NHPC, POWERGRID, DVC & CPRI) which is being setup at Bina, Madhya Pradesh, will also facilitate testing of transformers rated upto 315 MVA (400kV) and 765 kV class transformers.**

**\*\*\*\*\***