

**Minutes of Meeting in regard to Connectivity / Open Access with constituents
of Eastern Region held on 08-02-2012 at NRPC, Delhi**

List of participants is enclosed at **Annexure-1**.

OPTCL initiated the discussion regarding the transmission system planned under open access/connectivity for generation projects in Orissa and stated that the transmission system need to be planned in a coordinate manner in order to take care of evacuation arrangement for delivery of the States' share from the generation projects. After several rounds of discussion, it was concluded that there would be no change in the transmission system planned for Phase-I generation projects in Orissa which is already under implementation. The transmission system for phase-II generation projects in Orissa is being reviewed in consultation with OPTCL. Accordingly, it was decided that the Open Access/LTA cases for the generation projects other than Orissa Phase-II projects would be discussed in the present meeting. The details of the deliberation in this regard is given below :

1.0 Connectivity / Open Access for Phase-II Generation Projects in Jharkhand, Bihar and West Bengal of Eastern Region

POWERGRID explained the details of the Phase-II generation projects in Jharkhand, Bihar and West Bengal who have applied for connectivity/open access for transfer of power to various beneficiaries. The status of above projects was discussed in a meeting for Connectivity and Long Term Access held on 29-07-2011 at POWERGRID office, Gurgaon. Keeping in view the progress of above projects, it was decided to discuss some of the projects in the present Standing Committee meeting. The status of the above projects were reviewed as under :

1.1 Projects in Jharkhand, Bihar and West Bengal under advanced stage

1.11 JAS Infrastructure (Bihar) : (IC-1320MW, Connectivity & LTA -1200MW)

The developer informed that the civil works in the project site as well as the development of coal block are going on as per schedule. The project is expected to come up as per the schedule i.e. Jan-2014. The generation project has been proposed to be connected with high capacity(triple snowbird) transmission system upto Banka. For onward transfer of power high capacity transmission line at 765kV to be operated initially at 400kV has been planned from Banka to Gaya. The developer of the generation project has requested that the transmission system from generation project to Banka may be constructed by them in order to match it with the commissioning schedule of the generation project. However, the onward transmission system i.e. Banka – Gaya 765kV D/c line (to be initially operated at 400kV) would be implemented through tariff based competitive bidding route.

It was decided to grant connectivity and LTA to the project as per the following transmission system.

Transmission system for immediate evacuation of the project
(Under the scope of generation project)

- JAS TPS – Banka (POWERGRID) 400kV D/c line with triple snowbird conductor

Common Transmission system

(to be implemented under competitive bidding route)

- Banka – Gaya 765kV D/c (to be operated at 400kV)
- 2 no. of 400kV Line bays each at Banka and Gaya

Bus Reactor

- 1x125 MVAR, 420kV Bus Reactor at Banka

Line Reactor

Sl No	Transmission Line	Length (Approx.)	Line Reactor on each ckt (From end)	Line Reactor on each ckt (To end)
1	Banka – Gaya 765kV D/c	250 kms.	80 MVAR (Switchable)	50 MVAR (Fixed)

The generation project developer would need to sign the TSA and submit the requisite Bank Guarantee for construction of transmission system. The zero date of transmission system implementation would start after fulfillment of above milestones.

1.12 Kanti Bijlee Utpadan Nigam Limited (Bihar) : (IC-395MW, Connectivity & LTA-121.6MW)

The developer indicated that the progress of the generation project is satisfactory and the first unit is expected to be commissioned in June. 2013. The project is an extension to the existing generation project and it is connected with 400/220kV Muzaffarpur substation of POWERGRID through Kanti-Muzaffarpur(PG) 220kV D/c line.

It was decided that the developer may be granted connectivity and LTA for evacuation of 121.6MW through the existing Kanti-Muzaffarpur 220kV D/c line and the transmission system beyond Muzaffarpur would be adequate for further transfer of the above power to the beneficiaries.

The generation project developer would need to sign the TSA after grant of open access. Subsequently they would be required to sign for connectivity agreement.

1.13 Himachal EMTA Power Ltd : (IC-500MW, Connectivity & LTA -500MW)

The developer has indicated that the commissioning schedule has been deferred from Sept. 2014 to May 2015. In view of the proposed LILO of the Durgapur-Jamshedpur 400kV D/c line at the generation project, WBSETCL requested to review the transmission system so as to discourage LILO of existing transmission system. It was decided that the transmission system would be reviewed keeping in view the other applications (like DPSC) and would be discussed in the subsequent meeting.

1.14 DPSC Ltd : (Demand-500MW, Connectivity-500MW)

The connectivity of DPSC Ltd. has been modified from 1000MW to 500MW in accordance with their request. In regard to their application WBSETCL was of the view that DPSC need to apply to WBERC for obtaining investment approval for procurement of power and associated transmission system. Regarding the transmission system for connectivity it was decided that the system would be examined / reviewed after the investment approval obtained by DPSC from WBERC by taking into consideration the Himachal EMTA project (500 MW), which is envisaged to come up in the vicinity.

The other Applications from Jharkhand and Bihar were also reviewed. A brief of the deliberation is given below :

1.2 Other Applicants in Jharkhand :

1.21 Dumka (CESC) (IC : 1200 MW, LTOA : 1100 MW)

The application was received as per CERC regulation 2004 for LTOA. The progress of the generation project was not found satisfactory as per the information provided by the developer. The project is expected to be commissioned by the end of 12th Plan / early 13th Plan. It was decided that the project would be reviewed again in the next meeting.

1.22 Essar-II (IC : 600 MW, LTOA : 550 MW)

The application was received for LTOA as per 2004 Regulation of CERC. The developer mentioned that they do not intend to avail long term access for this project. It was therefore decided to cancel the application. If required, the developer may apply afresh for connectivity / long term access as per regulation of CERC at a later date.

1.23 Jindal Steel and Power Ltd. (JSPL) (IC : 1320 MW, Connectivity : 1320 MW)

As per the information provided by the developer, the progress of the project is not satisfactory. The 1st unit of the project is scheduled to be commissioned in Dec., 2015. It was decided that the project would be reviewed again in the next meeting.

1.24 Inland Power Ltd. (IC : 396 MW, Connectivity : 360 MW)

The project consists of 2 units each of 63MW and 126MW respectively. The developer has requested for a 400kV connectivity with the CTU system, however it was noted that the land & coal linkage are available for 2x63MW project only which would be commissioned in 2013-14. The progress of the remaining two units are not satisfactory. It was decided that it would not be desirable to plan 400kV connection for 126MW from first 2 units of the project. It was suggested that the project may seek connectivity through 132kV(high capacity) / 220kV lines to transmission system of DVC / Jharkhand. As such, the application for connectivity for the project has been cancelled. If desired, the project may apply for 400kV connectivity to the ISTS system for the ultimate capacity i.e. 360MW, at a later date.

1.3 Other Applicants in Bihar :

1.31 Adhunik Power (IC : 1320 MW, Connectivity : 1000 MW)

The progress of the project as indicated by the developer was not satisfactory. It was therefore decided that project would be discussed again in the next meeting.

1.32 Arissan Power Ltd (IC : 1320 MW, Connectivity : 1320 MW)

As per the status indicated by the developer, a number of milestones for the projects are yet to be achieved. The commissioning schedule of the project has been indicated as March, 2016. It was decided that the project would be reviewed again in the next meeting.

1.33 India Power Corporation(Bihar) Ltd (IC : 1320 MW, LTA : 1320 MW)

No representative from the generation project developer was present. As per the status submitted by the developer, it was noted that the progress of the project is not satisfactory. Therefore, it was decided that the project would be discussed again in the next meeting.

The summary of the decisions taken for phase-II IPPs in Bihar, Jharkhand and Orissa are given below :

IPP generation projects in Jharkhand Complex.

Sl. No.	Project/Applicant	Unit Size	Ins. Capacity (MW)	LT(O)A / Connectivity (MW)	Time Frame	Applied for	Remarks
1	Dumka (CESC)	2x300+1x600	1200	1100	2014-15	LTOA	To be reviewed again
2	ESSAR St-II	1x600	600	550	2013-14	LTOA	Application cancelled
3	Jindal Steel and Power Ltd. (JSPL)	2x660	1320	1320	Dec,'15	Connectivity	To be reviewed again
4	Inland Power Limited	2x63+2x135	396	360	Mar'13 to Mar'16	Connectivity	Application cancelled
		Total	3516	3330			

IPP generation projects in Bihar Complex.

Sl. No.	Project/Applicant	Unit Size	Ins. Capacity (MW)	LT(O)A / Connectivity (MW)	Time Frame	Applied for	Remarks
1	JAS Infrastructure Capital Pvt Ltd.	2x660	1320	1200	Jan'14	Connectivity & LTA	Granted, To sign TSA and submit BG
2	Adhunik Power and Natural Resources	2x660	1320	1000	Dec' 14	Connectivity	To be reviewed again
3	Arissan Power Ltd	2x660	1320	1320	March'16	Connectivity	To be reviewed again
4	Kanti Bijlee Utpadan Nigam Limited	2x195	395	121.6	Jun'13	Connectivity & LTA	Granted. To sign TSA.
5	India Power Corporation (Bihar)Ltd	2x660	1320	1320	Jul'15	Connectivity	To be reviewed again
		Total	5675	4961.6			

IPP generation projects/Load Centre in West Bengal Complex.

Sl. No.	Project/Applicant	Unit Size	Ins. Capacity (MW)	LTA/Connectivity (MW)	Time Frame	Applied for	Remarks
1	Himachal EMTA Power Ltd	2x250	500	500	May'15	Connectivity & LTA	Tr. System to be reviewed
2	DPSC Ltd.	Load	500	500	Jul'14	Connectivity	Regulatory approval to be obtained from the SERC, Tr. System to be reviewed

2.0 Connectivity / Open Access for Phase-I Generation Projects in Jharkhand

POWERGRID informed that Adhunik Power & Natural Resources Ltd. (540MW) vide its letter dated 11-01-2012 has intimated that they have signed a Power Purchase Agreement with PTC for selling 100 MW power to West Bengal State Electricity Distribution Company Ltd. (WBSEDCL). Accordingly, they have requested to reallocate the LTA quantum as detailed below :

Earlier Allocation : ER-200 MW, NR-200 MW, WR-50 MW

Revised Allocation : WBSEDCL-100 MW, ER-200 MW, NR-100 MW, WR-50 MW

POWERGRID requested the developers to formalize the above by signing the requisite Annexures of the BPTA.

3.0 Connectivity / Open Access for Phase-I Generation Projects in Orissa

POWERGRID informed that the transmission system for Phase-I generation projects in Orissa is already under implementation. The details of the generation project with corresponding installed capacity and LTOA quantum of power allocated towards target beneficiaries in different regions are as below:

Sl no	Projects	Generation Developer/ Open Access Applicant	Date of Commissioning	Installed Capacity (MW)	LTOA Required (MW)				
					NR	WR	ER	SR	Total
1	Sterlite	Sterlite Energy Ltd	Aug-10	2400	200	200	-	-	400
2	GMR	GMR Kamalanga Energy Ltd	May -12	1050	600	-	-	200	800
3	Navbharat	Navabharat Power Pvt. Ltd	Jan-14	1050	465	255	-	-	720
4	Monnet	Monet Power Company Ltd	Sep-13	1050	300	225	225	150	900
5	Jindal	Jindal India Thermal Power Ltd	Jun-12	1200	834	210	-	-	1044
6	Lanco Babandh	Lanco Babandh Power Pvt Ltd	Jun-13	2640	650	950	-	-	1600
7	Ind Barath	Ind Barath Energy(Utkal) Ltd	Dec-12	700	266	350	-	-	616
Subtotal(Orissa)				10090	3315	2190	225	350	6080

M/s Monnet vide communication dated 21-12-2012 informed that they have signed PPA for transfer of 400MW power to WBSEDCL. Accordingly, they have requested to revise the LTOA allocation to different regions as given below :

Projects	Generation Developer/ Open Access Applicant	Installed Capacity (MW)	LTOA Required (MW)				
			NR	WR	ER	SR	Total
Monnet	Monet Power Company Ltd	1050	250	150	400	100	900

Further, M/s Ind Bharat has also communicated vide letter dated January 9, 2012, that they have signed PPA for transfer of 250MW power with WBSEDCL. Accordingly, the revised allocation of power would be as below :

Projects	Generation Developer/ Open Access Applicant	Installed Capacity (MW)	LTOA Required (MW)				Total
			NR	WR	ER	SR	
Ind Barath	Ind Barath Energy(Utkal) Ltd	700	166	200	250	-	616

Further, M/s Lanco Babandh Power Ltd. vide letter dated 16th Jan., 2012 has indicated that out of proposed capacity of 2640MW (Phase-I : 1320MW; Phase-II : 1320 MW); Phase-II project of 1320MW is facing abnormal delay due to delay in getting various clearances. The phase-I project is however going on as per schedule and the unit 1 is expected to be commissioned by Dec., 2013. Accordingly, they have requested to revise the quantum of power and schedule of commissioning for Long Term access as per the following :

Projects	Generation Developer/ Open Access Applicant	Date of Commissioning	Installed Capacity (MW)	LTOA Required (MW)				Total
				NR	WR	ER	SR	
Lanco Babandh	Lanco Babandh Power Pvt Ltd	Dec-13	1320 (2x660)	325	475	-	-	800

The revised allocation for Monnet and Ind Bharat generation projects was agreed.

In regard to the change in the plant capacity of the Lanco Babandh project from 2640 to 1320MW, it was suggested that they may seek approval from CERC for such a change.

In accordance with the above, the revised allocation for Phase-I Orissa generation projects is as below :

SI no	Projects	Generation Developer/ Open Access Applicant	Date of Commissioning	Installed Capacity (MW)	LTOA Required (MW)				Total
					NR	WR	ER	SR	
1	Sterlite	Sterlite Energy Ltd	Aug-10	2400	200	200	-	-	400
2	GMR	GMR Kamalanga Energy Ltd	May -12	1050	600	-	-	200	800
3	Navbharat	Navabharat Power Pvt. Ltd	Jan-14	1050	465	255	-	-	720
4	Monnet	Monet Power Company Ltd	Sep-13	1050	250	150	400	100	900
5	Jindal	Jindal India Thermal Power Ltd	Jun-12	1200	834	210	-	-	1044
6	Lanco Babandh	Lanco Babandh Power Pvt Ltd	Dec-13	2640	650	950	-	-	1600
7	Ind Barath	Ind Barath Energy(Utkal) Ltd	Dec-12	700	166	200	250	-	616
Subtotal(Orissa)				10090	3165	1965	650	300	6080

POWERGRID mentioned that based on the above, the annexure of the BPTA shall be modified.

The transmission system finalised for Phase-I generation projects in Orissa would however remain unaltered. In this context, OPTCL expressed their concurrence to implement the planned transmission system associated with Phase-I generation project of Orissa by POWERGRID.

It was also informed by POWERGRID that M/s KVK in Orissa was granted LTOA for transfer of 560MW power to the beneficiaries in other region as per the table given below :

Generation Developer/ Open Access Applicant	Installed Capacity (MW)	LTOA Required (MW)				Total
		NR	WR	ER	SR	
KVK Neelachal Power Pvt.Ltd	600	140	140	140	140	560

M/s KVK vide communication dated Feb. 4, 2012, mentioned that they have signed PPA for transfer of 160MW power to WBSEDCL. Accordingly, the revised allocation of power would be as below :

Generation Developer/ Open Access Applicant	Installed Capacity (MW)	LTOA Required (MW)				Total
		NR	WR	ER	SR	
KVK Neelachal Power Pvt.Ltd	600	140	0	280	-	560

The above modification in the allocation was granted subject to the condition that the evacuation system of KVK Neelanchal would remain unaltered. The developer was requested to sign the revised relevant Annexures of BPTA in order to take care of the above modification.

4.0 Connectivity/Open Access for Darlipalli Project (2x800MW) of NTPC in Orissa

Based on the proposal of NTPC, the evacuation system of the 2x800MW Plant of NTPC at Darlipalli in Orissa was discussed. PGCIL stated that the developer has applied for connectivity of 1600MW and LTA for 800MW to ISTS with the project details as given below:

- **Installed Capacity** : 2x800MW (1600 MW)
- **Developer** : NTPC Ltd.
- **Capacity for Connectivity** : 1600MW
- **Date of Connectivity** : Oct 2014
- **Commissioning Schedule** : Unit-I - Oct-2015; Unit-2 : April-2016
- **LTA Quantum** : 793.25 MW
- **Date from which LTA reqd** : Unit-I - 31.05.2015 : 396.63 MW
: Unit-II - 30.11.2015 : 793.25 MW
- **Date upto which LTA reqd.** : 30-11-2040
- **Allocation of Power**
 - Bihar : 154.13MW,
 - West Bengal : 283.75MW,
 - Jharkhand : 102.11MW;
 - Sikkim : 15.29MW;
 - GRIDCO : 793.25MW

NTPC informed that about 50% of the power from the above project is allocated for GRIDCO. On a query regarding drawal of their share of power directly from

the generation projects, OPTCL informed that they would not be using this power for their own use. This power would be a part of GRIDCO's share of power from the generation projects in Orissa which need to be transferred to other beneficiaries outside Orissa. GRIDCO would apply for grant of open access to POWERGRID for the above transfer of power.

It was decided to grant Connectivity to Darlipalli(2x800MW) project of NTPC through 765kV D/c line to the nearby 765/400kV pooling substation coming up at Jharsuguda. The transmission system for LTA would be decided subsequently along with that of Phase-II generation projects as well as UMPP project in Orissa.

Accordingly, it is decided that connectivity shall be granted to Darlipalli project with the following transmission system:

– Darlipalli – Jharsuguda 765kV D/c line

The above transmission system would be ISTS system to be implemented under competitive bidding route.

5.0 Connectivity / Open Access for Phase-I Generation Projects in Sikkim

POWERGRID further informed that the Issues discussed in the Open access Meeting with Phase-I and II developers of Sikkim on 30-01-2011 need to be deliberated with the constituents of standing committee meeting. Accordingly the following issues were discussed :

5.1 Sikkim Phase I IPP : Revised allocation of Rangit-IV (120 MW) project

POWERGRID informed that Rangit-IV (120 MW) generation project of M/s Jal Power was granted LTOA for transfer of 120MW power to NR & WR. The developer has indicated that they have signed PPA for sale of 63.6 MW power from Rangit-IV HEP to WBSEDCL. Accordingly, they have requested to modify the allocation from generation projects as follows :

Rangit-IV(4x30=120MW):WBSEDCL = 63.6MW, NR= 28.2MW and WR= 28.2MW

With respect to the above changes, the developer was requested to sign the relevant annexures of the BPTA.

5.2 Sikkim Phase I IPP : Revised transmission system due to cancellation of LTA to Chujachen project

POWERGRID informed that the LTA application of Chuzachen project was cancelled vide letter dated 21-07-2011. Accordingly, the transmission system would be modified as under :

- **Approved Transmission System**

- **Transmission Element under Part-A of the scheme**

- LILO of Gangtok-Melli 132kV S/c line upto Rangpo, where Chuzachen-Rangpo 132kV D/c would be connected so as to form Chuzachen-Gangtok and Chuzachen-Melli 132kV S/c lines. [This would be a temporary arrangement till establishment of Rangpo pooling substation under Part-B of the scheme and

termination of Gangtok-Rangpo, Melli-Rangpo and Chuzachen-Rangpo 132kV lines at Rangpo]

Transmission Element under Part-B of the scheme

- LILO of Gangtok-Rangit 132kV S/c line at Rangpo and termination of Gangtok-Rangpo/Chujachen and Melli – Rangpo/Chujachen 132kV lines (constructed under part-A through LILO of Gangtok-Melli 132kV S/c line upto Rangpo) at Rangpo sub-station

- Modified Transmission System under Part-B of the scheme

- LILO of Gangtok-Melli 132kV S/c line at Rangpo
- LILO of Gangtok-Rangit 132kV S/c line at Rangpo

Further, in view of above mentioned cancellation of LTA granted to Chuzachen HEP, the dedicated transmission system for immediate evacuation of power from Bhasmey HEP also needs to be modified as below :

- Earlier Approved Transmission System

- LILO of one circuit of Chuzachen – Rangpo 132kV D/c line (Zebra Conductor) at Bhasmey HEP

- Modified Transmission System

- Bhasmey HEP – Rangpo 132kV D/c

Representative of Govt. of Sikkim expressed their concern in regard to cancellation of long term open access to Chuzachen project. It was informed that as the transmission system for immediate evacuation of Chuzachen project is under the responsibility of Govt. of Sikkim and the same is being implemented by the developer of Chuzachen project on behalf of Sikkim, cancellation of LTA of Chuzachen would be a problem for them. Member(PS), CEA requested Govt. of Sikkim to impress upon the developer of Chuzachen so that they take requisite measures like submission of Bank Guarantee and other formalities to revive the grant of long term access. Govt. of Sikkim agreed to the above.

5.3 Sikkim Phase II IPP : Transmission System for Immediate evacuation of power from Tingting and Tashiding generation project

For immediate evacuation of power from Tingting and Tashiding project, the following scheme was planned under the scope of Govt. of Sikkim :

- Establishment of 220kV Gas Insulated Pooling Station near Tashiding
- Pooling station near Tashiding - New Melli 220kV D/c with twin moose conductor

Keeping in view the urgency of development of the above transmission system, it was discussed that the implementation of the scheme could be taken up by ISTS licensee through tariff based competitive bidding.

The representative from Govt. of Sikkim mentioned that they have already planned to implement the above transmission system and the same would be

commissioned matching with the generation project. Member(PS) requested Govt. of Sikkim to submit an updated status of the transmission system.

5.4 Sikkim Phase II IPP : Transmission System for Immediate evacuation of power from Dikchu generation project

For immediate evacuation of power from Dickchu project, following transmission system has been planned :

- Gangtok – Mangan 132kV D/c line with Zebra conductor (under the scope of Govt. of Sikkim)
- LILO of Gangtok – Mangan 132kV D/c line at Dikchu generation switchyard with Zebra conductor (under the scope of developer of Dikchu project)

However, due to delay of Panan project, it has been decided to take up the implementation of Mangan substation at a later date. Accordingly, the immediate evacuation system of Dikchu generation has been modified as under:

- Dikchu - Gangtok 132kV D/c line with Zebra conductor (under the scope of Govt. of Sikkim)

Member(PS), CEA urged Govt. of Sikkim to take up the above system on priority. The above line needs to be implemented matching with the commissioning schedule of the Dikchu generation project so that there is no constraint in evacuation of power. Govt. of Sikkim was also requested to submit an updated status of the above transmission system.

The meeting ended with vote of thanks to the chair.

Annexure-1**Minutes of Meeting in regard to Connectivity / Open Access with constituents
of Eastern Region held on 08-02-2012 at NRPC, Delhi****List of participants**

S.N.	NAME (S/SH)	DESIGNATION	ORGANIZATION
1	RAVINDER	MEMBER (PS)	CEA
2	K.K.ARYA	CHIEF ENGINEER	CEA
3	R.SAHA	DIRECTOR	CEA
4	A.K.SAHA	DY. DIRECTOR	CEA
5	UGRASEN PRASAD	ASST. DIRECTOR	CEA
6	AVINASH M. PAVGI	ADDL. GENERAL MANAGER	POWERGRID
7	ASHOK PAL	DY. GENERAL MANAGER	POWERGRID
8	RAMCHANDRA	CHIEF MANAGER	POWERGRID
9	U.K.VERMA	GM	ERLDC, POSOCO
10	P.MUKHOPADHYAY	AGM	ERLDC, POSOCO
11	S.BANERJEE	CM	ERLDC, POSOCO
12	S.R.NARASIMHAN	DGM	NLDC, POSOCO
13	S.S.MISHRA	DGM	NTPC
14	B. SARKHEL	SE (PS)	ERPC
15	J.P.DAS	CMG	OPTCL
16	S.C.MISHRA	D.M.	OPTCL
17	S.K.DAS	DIRECTOR(ENGG)	OPTCL
18	G. SHUKLA	CE	JSEB
19	A.GUHA	DIRECTOR (RT&IT)	WBSETCL
20	P.SAHA	CE, CPD	WBSETCL
21	S.NAG	DIR (OP)	WBSETCL
22	A.KAMATKAR	SE (CPO)	WBSETCL
23	S.P. KAZI	ACE	E & PD, SIKKIM
24	D. SARKAR	ADDL.C.E.(T&D)	DPSC LTD.
25	P.K.GHOSH	HEAD (T&D)	DPSC LTD.
26	P.K.MOHANTY	SR.MGR.-ESSAR	ESSAR POWER
27	SHYAM GUPTA	SR.MGR.-ESSAR	ESSAR
28	RITESH KHIMANI	ASSTT.MGR.	ESSAR POWER
29	ARUN GUPTA	CEO	JAS INFRASTRUCTURES & POWER Ltd.
30	SOMDATT BHARDWAJ	AGM	JAS INFRASTRUCTURES & POWER Ltd.
31	SOVON DATTA	DGM	CESC LTD.
32	M.L.SAH	CEO	ARISSAN POWER
33	NARESH GOEL	PRESIDENT	ADHUNIK POWER
34	BIKASH MANDAL	AVP. PROJECTS	ADHUNIK POWER
35	VINEET SARAWAGI	SR. EXECUTIVE	ADHUNIK POWER
36	SANJAY KR. SINGH	AGM	INLAND POWER LTD.
37	K.R.NAGENDRA KUMAR	AVP(ENGG)	JINDAL STEEL & POWER LTD.
38	A.K.SEHDEV	JT. PRESIDENT	JINDAL INDIA THERMAL POWER LTD.
39	A.K.GUPTA	GM	JINDAL INDIA THERMAL POWER LTD.
40	N.C.CHAKRABARTI	ED(PROJ)	HEPL
41	A.LAHIRI	CHIEF PROJ. MANAGER	HEPL
42	A.L.NAGESHWAR RAO	ADVISOR	GMR