

**EASTERN REGIONAL POWER COMMITTEE**  
14, GOLF CLUB ROAD, TOLLYGUNGE  
KOLKATA-700033

**MINUTES OF THE 31<sup>st</sup> OCC MEETING HELD AT HOTEL PATLIPUTRA ASHOK, BEER  
CHAND PATEL PATH, PATNA-1 ON 17.10.2008 (FRIDAY) AT 10:30 HRS**

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**List of participants is enclosed in Annexure-I.**

**Shri R. K. Sharma, Member (Trans & Gen.), BSEB welcomed the delegates to the 31<sup>st</sup> OCC meeting. He thanked ERPC for giving BSEB an opportunity, after a long interval to host the OCC meeting at Patna. He then requested Shri S. Mukherjee, Chairman, BSEB to formally inaugurate the 31<sup>st</sup> OCC meeting.**

**Chairman, BSEB in his inaugural address mentioned the vital role played by ERPC and the benefits of the technical discussions in the OCC meetings.**

**Member Secretary, ERPC thanked BSEB for making excellent arrangements for holding 31<sup>st</sup> OCC meeting at Patna. He stated that it was his earnest desire to hold OCC meeting in every state to address the problems faced by the states. He expressed that Bihar has practically no generation of its own & is fully dependent on central generation. As a long term measure, he suggested, that BSEB has to improve its distribution system & expand the existing power generation (where infra-structure is available) by capacity addition. He expressed concern over the absence of representatives from some constituents (e.g. NHPC, CHPC) in the OCC meeting, where important issues pertaining to the constituents are discussed and important decisions are taken. He then requested GM, ERLDC to apprise about the grid operation during last month.**

**GM, ERLDC gave a brief overview of system performance of the Eastern Region in September & October, 2008. He informed that the regional maximum peak demand met was 11,928 MW on 06-10-2008 (Saptami) & maximum demand of West Bengal during Puja festival was 5166 MW on Panchami (04.10.2008). He thanked all the constituents for extending full support in managing the integrated grid operation without any eventuality particularly during Puja days. He mentioned that during Puja days the drawl by NR was within limits. Maximum export of 3880 MW took place on 17.09.2008 (Viswakarma Puja )at 13:00 Hrs. He referred to CERC order dated 16<sup>th</sup> October,2008 by which RLDCs are directed to report within 3 days block-wise over-drawls made by each State utilities at grid frequency less than 49 Hz & requested all the constituents to remain within limits in this regard.**

**He suggested that BSEB should make efforts to stabilize at least one unit at Kanti & one unit at Barauni in order to improve its power supply position.**

**Member Secretary then requested Shri. S. N. Kayal, SE (operation), ERPC to take up agenda points for discussions.**

**ITEM NO. 1 CONFIRMATION OF THE MINUTES OF THE 30<sup>TH</sup> OCC MEETING OF ERPC HELD AT ERPC, KOLKATA ON 11.09.2008**

The minutes were circulated vide letter no. ERPC / SE (OPRN)/ OPERATION /2008/3550 - 95 dated 19-09-2008.

No comments were received from any of the constituents. The minutes of the 30thn OCC meeting was confirmed without any modification.

**ITEM NO. 2 REVIEW OF THE GRID PERFORMANCE DURING September, 2008**

**2.1 POWER SUPPLY POSITION :**

The power supply position of Eastern Region for the months of September'08 & August'08 is indicated at **Annexure-I**.

- From comparison of the generation figures of September'08 with August' 08, it is observed that the net energy generation (MU) in Eastern Region (including contribution of Bhutan) has marginally decreased on per day average basis.
- The net peak demand met has decreased from 11435 MW to 11280 MW
- The demand met during September'08 has decreased by 155 MW, as compared to August' 08. The percentage of Peak shortage of ER has increased marginally.

The above variations are considered normal.

*Members may please note.*

**Deliberation in the meeting**

***Members noted the above.***

**2.2 FREQUENCY:**

The frequency profile of ER for the month of September' 08 and for the months of August' 08 & September' 07 (for comparison) is tabulated below :

Month	% of time of the month frequency remained			
	<49.0 Hz	49.0-50.5 Hz	50.5-51 Hz	>51.0 Hz
August'08	5.21	94.45	0.34	0.00
<b>September'08</b>	<b>16.13</b>	<b>83.87</b>	<b>0.00</b>	<b>0.00</b>
September,07	1.50	98.45	0.05	0.00

\* Maximum ( Inst.) Frequency : **50.54 Hz** on 14.09.08 at 17:10Hrs  
Minimum ( Inst.) Frequency : **48.58 Hz** on 08.09.08 at 18:53Hrs

From the above table following may be observed:

- The percentage of time frequency profile in the IEGC band (i.e. 49.0 to 50.5 Hz.) during the month of September'08 has decreased as compared to the previous month i.e. August'08 and to the corresponding month of the previous year (i.e. September'07).
- The percentage of time frequency below 49.0 Hz has increased to 16.13 % in the month of September' 08, as compared to 5.21 % in August'08 & 1.50 % in the corresponding month of the previous year (i.e. September'07).
- The percentage of time frequency remained above 50.50 Hz in both the months of August'08 & September'08 is insignificant.

The detailed daily frequency for the month of September'08 is enclosed at **Annexure-II**.

ERLDC may please comment on frequency profile observed during Sept'08

*Members may please discuss.*

**Deliberation in the meeting**

**GM,ERLDC apprised the house that the low average frequency in the month of September, 2008 was due to high outage of thermal machines, loss of generation due to coal shortage & over drawl by NR/WR/DVC.**

**2.3 VOLTAGE PROFILE OF IMPORTANT SUB-STATIONS IN EASTERN REGION**

<b>Name of the sub-station</b>	<b>Maximum Voltage (kV)</b>	<b>Minimum Voltage (kV)</b>
400 kV PURNEA	429	402
400 kV BINAGURI	430	402
400 kV BIHARSHARIFF	427	388
400 kV DURGAPUR	423	404
400 kV PATNA	432	399
400 kV JEERAT	411	373

It may be noted that during the month of September' 08, voltages at Binaguri, Biharshariff, Durgapur, Patna and Purnea s/s remained on higher side, whereas minimum voltage (373KV) at Jeerat s/s was observed on lower side particularly during peak hours.

*Members may please note and discuss.*

**Deliberation in the meeting**

**Members noted the above.**

**2.4 UFR OPERATION IN ER**

As System frequency remained above 48.5 Hz no UFR operation took place in ER grid during the month of September'08.

**Deliberation in the meeting**

***Members noted the above.***

**ITEM NO. 3 IMPORTANT EVENTS**

Mejia Unit # 6 was declared under commercial operation w.e.f. 24.09.08 and accordingly scheduling of LOTA power from Mejia Unit # 6 to MPPTCL has started w.e.f. 24.09.2008.

***Members noted the above.***

**ITEM NO. 4A MAJOR TRANSMISSION LINES/ELEMENTS OUTAGES IN ER GRID**

Sl. No	Description	Date Outage	Reason	Remarks
<b>Lines / Elements under outage</b>				
1.	315 MVA ICT-II at Patna	28.08.08	Bushing failure At 33kV Tertiary Side	<b><i>Taken into service on 07.10.08</i></b>
2.	315 MVA ICT-II at Maithon	16.06.08	Failure of R & Y Phase LA & Fire Hazard	Powergrid may please furnish target date of restoration. <b><i>Powergrid representative informed that the ICT will be taken into service in the end of November,2008.</i></b>
3.	220 kV Talcher TPS-Joda line-II	26.08.07	CB bursting at Talcher TPS	NTPC may please intimate the present status. <b><i>Expected to be restored by end of October,2008</i></b>
4.	150 MVA ICT-I at Bodhgaya	04.03.08	Fire hazard in Bodhgaya S/Stn.	R & M works of the ICT ordered and expected within 15-24 months. <b><i>Expected by April,2010..</i></b>
5.	63 MVAR Line Reactor of 400 KV Rourkella – Raigarh – I at Rourkella end	10.10.08	Buccholtz Relay operated at Rourkella end.	Powergrid may please furnish the present status. <b><i>Taken to service on 13-10-2008.</i></b>

**Deliberation in the meeting**

***Members noted the above.***

**ITEM NO. 4B Major units outage /Maintenance:**

STATION	NO.	CAPACITY	DATE	REASONS FOR OUTAGE	EXPECTED DATE OF RESTORATION
Kahalgaoon STPS	1	210	09.10.08	Annual Overhauling	30.10.08
Santaldih STPS	5	250	06.08.08	Vibration Problem	Could not be confirmed

**Deliberation in the meeting**

**Members noted the above.**

**ITEM NO. 5 GRID INCIDENCES IN ER SYSTEM DURING SEPTEMBER'08 & OCTOBER'08.**

**I. Tripping of all units at CHPC and 220KV CHPC-Birpara - I & II / Birpara - Malbase on 12.09.08 and 14.09.08:**

At 14:03 hrs of 12.09.08 220KV CHPC-Birpara- I & II and 220KV CHPC-Malbase-Birpara section tripped on R-Ph E/F. Consequently, all four running units at CHPC also tripped. All tripped lines / units were restored by 15:13 Hrs. Loss of generation due to tripping of CHPC units was 270 MW with total loss of 0.25 MUs (approx.)

Again, at 14:20 Hrs of 14.09.08 all running units at CHPC tripped on tripping of all outgoing lines. In circuit -I, R-B(Ph-Ph) fault was reported while for circuit-II, B Ph E/F was reported. All tripped lines/unit were restored by 15:18 Hrs. Loss of generation due to tripping of CHPC units was 255 MW with total loss of 0.23 MUs (approx.) Stormy weather/lightning in the area was reported in both cases.

It has been observed that trippings due to transient faults are occurring repeatedly causing generation loss at CHPC. The same needs to be deliberated.

**Deliberation in the meeting**

***CHPC representative was not present in the meeting. OCC felt that, in order to avoid generation loss, provision of auto re-closure scheme at CHPC end may be explored. The matter will be discussed in the next protection co-ordination committee.***

**II. Tripping of lines from Budhipadar on 24.09.08:**

On 24.09.08 at 20:25 Hrs, 220KV Budhipadar-Korba-II, 220KV Budhipadar - Raigarh, 220KV Budhipadar-Tarkera-I & II and 220KV IBTPS-Budhipadar -IV tripped. All tripped lines were restored by 21:28 Hrs. Preliminary reports received from OPTCL indicate that the trippings were due to transient E/F and accordingly the field unit of OPTCL at Budhipadar was advised to take steps for preventive maintenance.

OPTCL may indicate whether the area was facing inclement weather conditions during the period and also intimate the locations of the transient faults. In case the fault pattern is scattered widely and there is no observation of the weather being inclement, transient fault in one circuit may have led to multiple trippings

due to non clearance / delayed clearance of faults in any one section. The same needs to be investigated.

### III. **Repeated tripping of IBTPS units and lines from Budhipadar**

On 29.09.08 at 13:05 Hrs 220Kv Budhipadar-Tarkera-II and 220KV Budhipadar-Katapalli D/C tripped reportedly on distance protection. Immediately, 220KV Budhipadar-Tarkera-I tripped from Tarkera end. Simultaneously, both units at IBTPS also tripped on over frequency relay operation. All tripped lines were restored by 13:30 hrs and IBTPS Unit # 1 and Unit#2 were brought onto bar at 15:32 Hrs and 16:29 hrs respectively on the same day. Loss of generation on tripping of IBTPS units was 0.95 MU (approx.) Again, at 12:22 Hrs of 03.10.08 220KV Budhipadar - Terkera D/C tripped on operation of Distance protection. Both running units at IBTPS also tripped. All tripped lines were restored by 12:59 hrs and IBTPS Unit # 1 and Unit # 2 were brought onto bar at 14:15 Hrs and 17:35 Hrs respectively on the same day. Loss of generation on tripping of IBTPS units was 1.1 MU (approx.) In case of both the events detailed above, a small portion of CSEB comprising Korba (E) Ext-1 & 2 units, Korba-6 and Jindal had separated from WR system with power being forced towards Budhipadar side. Simultaneously, 220KV Budhipadar-Tarkera D/c had tripped reportedly on Distance protection at Budhipadar end and on Overcurrent at Tarkera side. This had led to islanding of the CSEB portion alongwith IBTPS and Budhipadar. The resulting island having excess generation compared to load faced high frequency leading to tripping of IBTPS units on over frequency.

The following details may be deliberated w.r.t above incident:

1. Repeated operation of Distance protection relays at Budhipadar end coinciding with the separation of a small portion of CSEB system from WR.
2. Trippings at Tarkera end due to overcurrent have occurred and it is necessary to deliberate in detail regarding the overcurrent relay settings and whether the same can be raised.
3. In the 27<sup>th</sup> OCC meeting it was mentioned by ERLDC that in view of addition of new CPPs in Sundergarh district evacuation constraint might arise and there is a need of detailed planning for power evacuation through Budhipadar in consultation with WR. Members may kindly deliberate.

#### **Deliberation on II & III in the meeting**

***OPTCL submitted a report & two Single Line diagrams ( enclosed in Annexure – V ) indicating power flow through different feeders at Budhipadar comand area prior and after tripping of feeders at Budhipadar s/s on 29.09.08 & 03.10.08.***

***It was decided that a detailed analysis of the repeated tripping at***

***Budhipadar, considering all the previous trippings, generation addition, transmission line constraints in ER & WR grid will be carried out by ERLDC and a report on corrective transmission planning to overcome the problem will be prepared for scrutiny & inclusion in future transmission planning.***

**IV. Tripping of all units of Santaldih TPS on 25.09.08**

On 25.09.08 at 11:32 Hrs, all running units at STPS Units#1,3,4 tripped(Unit #2,5 were previously under outage). It was reported that a 220KV Bus fault at STPS had occurred leading to tripping of all outgoing lines. Preliminary report from WBSETCL has not yet been received.

WBSETCL may furnish the sequence of events leading to occurrence of the Bus fault and deliberate whether scope exists to prevent such undesired trippings in future.

**Deliberation in the meeting**

***WBSETCL representative informed that work related to extension of 220 KV Main Bus – II at STPS switchyard was in progress when one earth isolator was closed by mistake causing a bus fault leading to tripping to all outgoing lines.***

**V. Tripping of all units of Teesta on 27.09.08**

At 13:37 Hrs of 27.09.08 all running units at Teesta(Units #1,2,3) tripped on operation of GT inverse time ground over-current protection which led to tripping of the unit GTs. Simultaneously, 400KV Teesta-Binaguri-I also tripped from Binaguri side. No trippings of any line breakers were observed at Teesta end and 400KV Teesta-Binaguri-II remained in service. For 400 KV Teesta-Binaguri-I, relay indication was Zone-II, R-Ph E/F at Binaguri end. As the relay indication obtained at Binaguri end was Zone-II, it is felt that the incident may have originated on occurrence of transient E/F near Teesta.

Regarding tripping of GTs it is felt that in case of a line fault, the same should have been cleared by Teesta end line breakers in Zone-I while in case of a Bus fault at Teesta, the same should have been cleared on operation of Bus-bar protection.

**Deliberation in the meeting**

***NHPC representative was not present in the meeting. In the absence of NHPC representative/comments the above tripping incident could not be discussed. Member Secretary advised SE, (Operation), ERPC to communicate the matter to NHPC HQ with a copy to GM, Teesta.***

## VI. Tripping of HVDC Talcher-Kolar Pole-II on 06.10.08

Pole-II of HVDC Talcher-Kolar link carrying around 1750 MW got blocked at 11:15 Hrs of 06.10.08 due to operation of “DC Filter Differential Over Current protection” at Kolar end and Pole-I went into metallic return mode with power flow of 1000MW. As SPS-1000 was in place generation at TSTPP was not affected. Frequency of combined North-central grid rose from 49.45 Hz to 49.90 Hz. Pole-II was restored at 11:22 Hrs.

Powergrid may furnish details regarding operation of “DC Filter Differential Over Current protection” at Kolar end.

### Deliberation in the meeting

***Powergrid representative intimated that test on DC Filter, at Kolar end was being carried out & due to wrong current injection to DC Filter “DC Filter Differential Over Current protection” operated. Detailed report from Southern Region is awaited.***

## ITEM NO. 6 EASTERN REGION PEAK DEMAND/GEN. DURING PUJA FESTIVAL

Peak demand of ER grid demand during the Puja festival days are tabulated below:

DATE	PEAK REGIONAL DEMAND(MW)	PEAK REGIONAL GENERATION(MW)	PEAK DEMAND OF WEST BENGAL (MW)	PEAK GENERATION OF WEST BENGAL(MW)
<b>Pre-Puja day</b>				
01/10/08	11817	13081	5128	4124
<b>Puja festival days</b>				
03/10/08	11694	12911	5108	4071
04/10/08	11841	12968	5166	4284
05/10/08	11138	12810	4851	4523
06/10/08	11928	13103	4846	4379
07/10/08	11466	12406	4675	4059
08/10/08	11140	12830	4556	4333
09/10/08	10654	12234	4443	4104

Following observations are submitted for information of OCC members:

- i. NTPC TSTPP (500MW) Unit#1 was expected to be synchronised on 01.10.08 considering peak demand during Puja festival, but restoration of the same could be done after Puja festival on 10.10.08. NTPC may inform the reasons for such delay.
- ii. NTPC, FSTPP maintained generation of 1100MW with all units on bar (against normative availability of 1480MW) upto 06.10.08 and 800MW

- after 06.10.08 due to coal shortage.
- iii. NTPC KhSTPP maintained generation of around 650/700MW against normative availability of 764MW due to coal shortage.
  - iv. Tala and Teesta hydro have provided peaking support by injecting 930MW and 500MW respectively at Binaguri point.
  - v. In this year maximum peak demand of West Bengal has been met on the day of Panchami on 04.10.08(Saturday) to the tune of 5166MW. Regional maximum peak demand occurred on Saptami(11928MW).
  - vi. WR extended support of around 100MW-400MW during peak hours.
  - vii. NR drawal was regulated to keep frequency above 49.00 HZ.

**Deliberation in the meeting**

***Members noted the above.***

**ITEM NO. 7 OPERATIONAL PLANNING**

**(A) REVIEW OF SHUTDOWN PROPOSALS, AS APPROVED IN LAST (30<sup>TH</sup>) OCC MEETING OF ERPC vis-à-vis ACTUAL SHUTDOWN/ NORMALISATION OF THE TRANSMISSION SYSTEM FOR SEPTEMBER' 2008**

The actual shutdown as availed by the constituents on the basis of finalised programme during the month of September '08 as well as planned / emergency shutdown as received from ERLDC is indicated at **Annex-III A.**

*Members may please note and also furnish the additional / missing information, if any.*

**Deliberation in the meeting**

***Members noted the above.***

**(B) SHUTDOWN PROPOSAL OF TRANSMISSION LINES AND GENERATING UNITS FOR THE MONTH OF NOVEMBER'08.**

The shut down proposals which are received by ERPC for the month of November' 08 are given at **Annexure – III B.**

*Members may please discuss and finalize the proposed programme.*

**Deliberation in the meeting**

***All the shutdown proposals as approved after deliberation in the meeting for the month of Nov,2008 are depicted in Annexure-IIIB.***

**(C) LGBR FOR THE MONTH OF OCTOBER & NOVEMBER (FOR THE YEAR 2008-09)**

**Anticipated Peak Demand (MW) and Energy Requirement (MU) for the months of October '08 & November'08.**

The abstract of peak demand (MW) vis-à-vis availability and energy requirement vis-à-vis availability (MU) for the months of October'08 & November'08 has been prepared by ERPC Secretariat on the basis of finalized LGBR for 2008-09, keeping in view that the units are available for generation and expected load growth etc. The details are shown at **Annexure-IV**.

Members may please note and indicate any discrepancy of the figures arrived at.

**Deliberation in the meeting**

***BSEB representative indicated that that peak requirement of BSEB in November, 2008 will be 1800 MW instead of 1650 MW as shown in Annexure - IV. Annexure - IV will be amended accordingly.***

**ITEM NO. 8 ISSUE RAISED BY**

**POWERGRID**

**FREQUENT TRIPPING OF 400 KV KAHALGAON-BIHARSHARIFF Line - III FROM KAHALGAON END.**

Frequent tripping of 400 KV Biharshariff Line - III was observed due to mal functioning of the over voltage relay at Kahalgaon (NTPC) end The Biharshariff end breaker for the said line is getting opened due to receipt of direct trip command from Kahalgaon (NTPC) end. The incident had occurred on 08.10.08 at 05:03 Hrs & on 09.10.08 at 17:02 Hrs. The over voltage relay/line CVT for the said line to be tested and remedial measures to be taken by Kahalgaon (NTPC) to avoid such unwanted tripping.

**FREQUENT TRIPPING OF 220 KV RANCHI - CHANDIL LINE**

220 KV Ranchi (PowerGrid) – Chandil (JSEB) line tripped on the following occasions :

Sl No.	Name of the Line	Date & Time of Tripping	Tripping Details
1	220 kV Ranchi – Chandil	03.10.08 13:02 Hrs.	B-Ph to ground fault, Distance :

			54.6 Km from Rancjhi S/Stn
2.	220 KV Ranchi – Chandil	04.10.08 14:53 Hrs.	B-Ph to ground fault, Distance 29.3 Km from Ranchi S/Stn.
3.	220 KV Ranchi - Chandil	05.10.08 14:53 Hrs.	R-Ph to ground fault, Distance 98.3 Km from Ranchi S/Stn.

On 05.10.08, there was a fault in 220 KV Chandil – Santaldih line (JSEB). Due to non operation of the protection relay at Chandil end for the said line the fault had been cleared by the relay of 220 KV Ranchi – Chandil line at Ranchi (PowerGrid) S/Stn. The ICTs at PowerGrid Ranchi Substation are getting frequently stressed due to the fault in the lines. JSEB to take immediate action for rectifying the line defects in the above said line and check the healthiness of the relay for 220 KV Chandil – Santaldih line at Chandil Substation.

**Deliberation in the meeting**

***JSEB representative intimated that line patrolling of the Chandil – Santaldih line is being carried out to locate the fault. He assured to rectify the fault at the earliest.***

**TREATMENT OF OUTAGE TIME OF 400/220 KV ICT-2 OF MAITHON S/S DUE TO FORCE MAJEURE FACTORS NOT ATTRIBUTABLE TO POWERGRID**

On 16.06.2008 at 12:40 Hrs. fire broke out in 400/220 KV 315 MVA ICT-II (Sl. No.6005146) of BHEL make installed at Maithon substation while in service due to severe lightening. BHEL along with PowerGrid Engineers, after investigation have reported that the failure of the said ICT was due to severe/repeated lightning. Since the failure of the said ICT is attributable to act of God such as lightning, which is beyond the control of Power Grid, the outage of the said ICT on account of this factor may be considered as natural calamity/ force majeure condition and outage shall be excluded for the purpose of availability.

Member may please discuss

**Deliberation in the meeting**

***Member Secretary advised POWERGRID to commission the ICT at the earliest and thereafter submit the relevant reports related to failure of the ICT.***

**TREATMENT OF OUTAGE TIME OF 400/220 KV ICT-2 OF PATNA S/S DUE TO FORCE MAJEURE FACTORS NOT ATTRIBUTABLE TO POWERGRID**

On 28.08.2008 at 18:20 Hrs. due to severe lightning, there was a flash over and R & Y phase tertiary bushings of 315 MVA ICT-II of Patna substation failed. After replacing the tertiary bushings, the ICT was charged on 07.10.08.

The outage of the ICT was due to severe lightning, i.e. natural calamity, which was beyond the control of POWERGRID. Hence the outage should be treated as a Force Majeure.

***Members may please discuss.***

**Deliberation in the meeting**

***Powergrid representative stated that 315 MVA, 400/220kv, ICT-II at Powergrid Patna S/S failed on 28.08.08 due to failure of 52kV tertiary bushings with Differential & Buccholtz relay operation. At the time of failure of the transformer it was heavily raining with severe lightning in and around that area. On failure, a detailed analysis was carried out by the manufacturer i.e. M/s BHEL. Subsequently, Powergrid engineers at Patna S/S with supervision of BHEL representative worked round the clock and restored the ICT on 07.10.2008 (in minimum possible time). In fact, Powergrid ER-I utilized all the available resources and inventories available in other distant stations of Powergrid to bring back the failed ICT in service prior to Durga Puja / Dussera festival as committed during 30<sup>th</sup> OCC meeting held at Kolkata in Sept'08.***

***Powergrid explained that the tertiary bushings failed due to heavy lightning surges on 28.08.08 which is an Act of God and a force majeure event beyond the control of Powergrid. Therefore, as per CERC order dated 10.03.2004, vide Annex-III Point 6.i the outage should be excluded from the total time of the element under period of consideration.***

***Member Secretary advised Powergrid to submit the relevant details of the failure of the ICT such as manufacturer's report etc. as per the requirement of CERC directives for consideration.***

**NTPC**

**COAL SHORTAGE AT NTPC POWER STATIONS**

Coal stock position at NTPC (ER) stations are practically zero. NTPC is losing generation on account of coal shortage. The matter may be taken

by ERPC with CIL for adequate coal supply so that Eastern Region constituents can utilize full NTPC generation.

Thermal units of other ER constituents are also out of bar due to inadequate coal supply. In order to monitor & co-ordinate coal supply to power stations and associated problem on quarterly basis constituents were requested (in the 30<sup>th</sup> OCC meeting) to submit coal stock position/coal requirement (on weekly basis) of their respective power stations to SE(Operation), ERPC. Report from WBPDC, NTPC had been received, other constituents are requested to submit the same so that a meeting between the various agencies could be convened shortly. (A meeting in this regard was arranged by ERPC on 24.09.2008).

**Deliberation in the meeting**

***Members agreed to submit coal stock position/ coal requirement on weekly basis to ERPC. Member Secretary added that coal supply position review would be regular feature of every OCC, therefore, constituents may furnish the information to ERPC by end of every month.***

**ITEM NO. 10 DATE AND VENUE OF THE NEXT (32<sup>ND</sup>) OCC MEETING OF ERPC.**

***Member Secretary, ERPC informed that 32<sup>nd</sup> OCC meeting will be held on 12th November, 2008 in ERPC Conference Room, Kolkata.***

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**LIST OF PARTICIPANTS IN THE 31<sup>st</sup> OPERATION COORDINATION COMMITTEE MEETING (OCC)  
HELD AT HOTEL PATLIPUTRA ASHOK BEER CHAND PATEL PATH, PATNA-I ON 17.10.2008**

ORGANISATION	NAME	DESIGNATION
ERPC	Shri R. K. GROVER	MEMBER SECRETARY
ERLDC	Dr. L.HARI	GM
<i>BIHAR</i>		
BSEB	Shri J.KISHEN	ESE,CRITL
	Shri R.PRASAD	GM-CUM.CE/TRANS
	Shri R.S.PRASAD	I.T.
	Shri S.KUMAR	I.T
	Shri D.KUMAR	AEE
	Shri P.KHAN	SR.ENGR
	Shri N.RAHMAN	SR.ENGR
<i>JHARKHAND</i>		
JSEB	Shri A.KUMAR	EEE/SLDC
TVNL	Shri S.PANDEY	EEE
<i>WEST BENGAL</i>		
WBSETCL	Shri D.GANGULY	CE/SLDC
	Shri A.BISWAS	SE/SLDC
WBSEDCL	Shri P.MUKHOPADHYAY	CE /ALDC
WBPDCCL	Shri A.K.DE	DGM (CORP)
<i>ORISSA</i>		
OPTCL	Shri S.C.MUDALI	G.M(GO)/SLDC
	Shri B.R.MISRA	DGM /SLDC
OPGCL	Shri D.VENKATA GIRI	SR.MGR
OHPC	Shri B.C.PADHI	SR.GM (E)
<i>SIKKIM</i>	Shri K.K.PRADHAN	SE/SLDC
	Shri H.B.PRADHAN	EEE
<i>DVC</i>	Shri D.MUKHERJEE	CE (E)
NTPC	Shri L.AGARWAL	AGM(OS)

	<b>Shri RAKESH KUMAR</b>	<b>DGM(OS)</b>
	<b>Shri R.P.SINGH</b>	<b>SR.MGR (OS)</b>
<b>POWERGRID</b>		
<b>ERTS-I</b>	<b>Shri D.K.SARMA</b>	<b>ADDL.GEN.MGR</b>
	<b>Shri S.K.PRAMANIK</b>	<b>DGM(OS)</b>
<b>ERTS-II</b>	<b>Shri S.K.SINGH</b>	<b>CH.MANAGER (OS)</b>
<b>BHUTAN</b>		
<b>TALA</b>	<b>Shri T.PERIYANNAN</b>	<b>EE (O)</b>
<b>KHPC</b>	<b>SONAM DORJI</b>	<b>JE</b>
	<b>U NAMGAY</b>	<b>SO</b>
<b>ERLDC</b>	<b>Shri D.K.SRIVASTAVA</b>	<b>DGM</b>
	<b>Shri H.K.CHAWLA</b>	<b>CM</b>
	<b>Shri S.KONAR</b>	<b>DM</b>
<b>ERPC</b>	<b>Shri S.N.KAYAL</b>	<b>SE (O)</b>
	<b>Shri B.C.MALLICK</b>	<b>SE (PS)</b>
	<b>Shri K.K.BHATTACHARYA</b>	<b>AS</b>