

Odisha Power Transmission Corporation Ltd. Bhubaneswar.

Minutes of 72nd PSOC meeting held on 31.10.2013 at PTC, Chandaka.

List of participants is at Annexure-A.

The meeting was chaired by Director (Commercial), GRIDCO.

Sr. G.M (PS) welcomed all the participants to the 72nd Power System Operational Coordination meeting and highlighted the system performance during the month of September'13 and overall power scenario of the State. He also emphasized overdraw by the Discoms during the month.

A.G.M. (SS) took the agenda items for discussion.

The review proceeded as follows:

PART A: CONFIRMATION OF MINUTES

Item no. A.1: Confirmation of minutes of 71st PSOC meeting held on 27.09.2013

The minutes was circulated vide letter No SGM (PS)-PI-15/2007(Vol.-VI)-2475⁽²⁶⁾, dated 03.10.2013 to all the members and also uploaded in SLDC website.

Members may confirm the minutes.

Deliberation in the meeting

Minutes of 71st PSOC meeting was confirmed since no comments were received.

PART B : SYSTEM PERFORMANCE

Item no.B1: Review of Grid Performance for the month of August'13.

(A) Frequency

It was noticed that 88.87% of times the frequency remained in the band of 49.70Hz–50.20Hz (IEGC band) in comparison to 67.12 % during the month of August'13. The maximum and minimum System frequency during the month of September'13 was 50.61 Hz & 49.22 Hz respectively.

(B) Grid demand

Grid demand for the month of **September'13** was reviewed. The energy consumption during the month was 2093 MU. The maximum System demand of **3620 MW** occurred on 26.09.13 at **21:00 Hrs** (the instantaneous demand had shoot up to 3736 MW on 23.09.13 at 19:00 Hrs) and minimum demand of **2200 MW** occurred on **03.09.2013** at **03:00 Hrs**.

Deliberation in the meeting

It is observed that, the peak demand during the month of **September' 13** has been increased by **53 MW** from that of **August'13**. The energy consumption during the month has been decreased by **10 MU** in comparison to **August'13** (due to 30 days in the month) and increased by **68 MU** in comparison with **September'12**.

(C) Voltage Profile of important Sub Stations in OPTCL System.

The Voltage profile at different 220 kV buses in OPTCL system during the month of **September'13** was reviewed. It is noticed that **Jayanagar** 220 kV bus experienced a maximum voltage of **251 kV** and minimum Voltage of **207 kV** was experienced at **Narendrapur, Mendhasal, & Chandaka** 220 kV bus.

Deliberation in the meeting

Maximum voltage at Jaynagar occurred due to under loading of long transmission lines & VAr flow from Jeypore PG end due to inadequate reactor capacity at Jeypore (PG). In response to the proposal of installation of 220 kV bus reactor at Jayanagar S/S, CGM (O&M) stated that installation of 220 kV reactor is not viable, rather Powergrid may be pursued for enhancement of reactor capacity at Jeypore PG through ERPC.

The VAr flow from Jeypore PG has also to be monitored by SLDC and reported to ERLDC.

As per the decision in the 90th OCC meeting of ERPC, CGM (O&M) stated that 400 kV Meramundali-Angul-Bolangir line reactor, which belongs to Powergrid is not in operation. The same should be rectified by them. After commissioning of reactor at Angul (PG) S/S, the high Voltage problem at Meramundali has been arrested.

He further stated that low Voltage at Mendhasal, Narendrapur & Chandaka occurred on 14.09.2013 due to outage of 400 kV Mendhasal-Meramundali line. One ckt 400 kV Baripada-Mendhasal was kept open due to over Voltage. SLDC could have asked to close that ckt to overcome the low Voltage.

[Action: SLDC]

(D) Energy Generation / import during the month of September'13 was reviewed

The total quantum of energy drawn from all the generation sources including Central Sector Share and CGP support during the month was 2092.70 MU.

(E) Drawal of Machhakund Power

The hourly drawal of Machhakund power during the month of July'13 was reviewed. The average drawal during September'13 was 23 MW.

(F) DISCOM Drawal during the month of September'13

The schedule and actual energy drawal by Discoms for the month of **September'13** was reviewed.

Deliberation in the meeting

It was noticed that that the Discoms have drawn 2070.08 MU against schedule of 1984.82 MU during the month. The total over drawal quantum by all Discons was 85.26 MU.

Director (Commercial) stated that although the over drawal quantum has been reduced, still significant. The peak drawal of Discoms are not matching with the total demand of the State after deducting the IMFA & NALCO drawal, basing on which SLDC is preparing the Discom drawal schedule.

Further he advised that the Discom drawal should be reasonably forecasted to enable Gridco for planning sale of surplus power during peak period at a higher rate.

SLDC stated that telemeter data from all the Discom exchange points are not available. To determine the Discom drawal, assumptions are being made for power flow through certain transmission elements, which is differing from actual during peak conditions. It was decided that SLDC shall calculate the correction factor during such period to ascertain the Discom drawal close to the actual.

All DISCOMs were requested to remain in schedule irrespective of frequency.

CESU stated that actual drawal of Discoms indicated by SLDC are including the OA transactions, considering which, their actual over drawal would have been less, which need to be checked.

[Action:-SLDC/All Discoms]

PART C: NEW ISSUES

Item No: C1 Compliance of decisions of 90th ERPC meeting held on 25.10.2013

i) Review of load relief under various stages of UFR

It was deliberated by SLDC that UF Relays have been commissioned in all the listed sub-stations except the following sub-stations due to non-availability of relays. It was decided in the meeting to complete the scheme by end of October'2013

1. Kesinga
2. Junagarh
3. Rourkela
4. Polasponga
5. Kalarangi
6. Sundergarh
7. Barkote

Deliberation in the meeting

CGM (O&M) stated that except Kesinga, Junagarh & Kalarangi UF Relays have been commissioned in all other S/Ss. Relays have been ordered for the above three S/Ss. Commissioning will be done only after receiving the relays, which is expected to be completed within two months.

[Action:-CGM (O&M)]

ii) Heavy loading of ICT at Jeypore PG and Jayanagar-Jeypore D/C line.

ERLDC have designed a SPS for OPTCL system to relief overloading of 220kV Jaynagar-Jeypore PG ckts. by backing down generation. OPTCL needs to examine the scheme for implementation.

Deliberation in the meeting

SLDC stated that it was deliberated in the 89th and 90th OCC meeting that overloading of 220 kV Jayanagar-Jeypore line is due to export of power through Gazuwaka HVDC. Since the State is not exporting power to SR with effect from 1st August'13, it is not the State's responsibility for capacity augmentation of Jeypore-Jayanagar ckts. ERLDC may take

necessary action for reduction of export to SR through Gazuwaka HVDC. The deliberation was not recorded in the minutes. It was decided that SLDC shall write a letter to ERPC that OPTCL shall expedite construction of 220 kV Jeypore-Jayanagar 2nd D/C ckt and installation of SPS for relief of congestion through existing 220 kV Jeypore-Jayanagar line, for which separate ATC considering South Odisha hydro stations (for export of power to SR) may be determined by NLDC exclusively for the State.

[Action:-SLDC / CGM (O&M)]

iii) Commissioning of RTU at Machhakund PH

In the last meeting GM (Telecom) stated that commissioning of RTU at Machhakund will be completed by end of October' 13.

Deliberation in the meeting

GM (Telecom) stated that, it is expected to complete the commissioning of RTU by 2nd week of November' 13.

[Action:-G.M (Telecom)]

iv) 220 KV Vedanta (9 x 135 MW): No status points are available.

OPTCL informed Vedanta has taken up the matter with ABB and will resolve the problem within 3 months.

Deliberation in the meeting

M/s VAL, Jharsuguda stated that the work is in progress by ABB. The status point availability is expected by end of December' 13.

[Action:-G.M (Telecom), VAL]

v) Commissioning of RTU at NALCO

In the 89th OCC meeting of ERPC SLDC informed that work has been awarded and wiring is in progress. RTU will be commissioned by January, 2014.

Deliberation in the meeting

GM (Telecom) stated that the drawings of NALCO have been approved. NALCO is not intimating the progress of commissioning. It was decided that GM (Telecom) shall write a letter to NALCO for intimating the progress of work.

[Action:-G.M (Telecom), NALCO]

vi) Mock Black start exercises in Eastern Region-- ERLDC

ERLDC stated that only mock black start of Upper Indravati HEP and Maithon HEP could be successfully done. The pending status is as indicated below:

a) xxxxxxxxxxxx

b) Rengali HEP: Revised date proposed after October' 13

c) Upper Kolab HEP: Due to non-commissioning of DG set the revised date for the exercise has been given as October, 2013.

Deliberation in the meeting

It was deliberated in the 90th OCC meeting of ERPC that due to cyclone "Phailin" and spilling condition of Rengali reservoir, the programme for Upper Kolab and Rengali may be deferred to November 2013.

[Action:-SLDC, OHPC, O&M]

vii) Status of Third Party Protection Audit

Member Secretary ERPC informed that CEA vide mail dated 10.09.2013 has sought supplementary information in respect of DPRs as submitted by ER constituents. The same was circulated to the concern members in the meeting and all were requested to submit the reply within a week.

Deliberation in the meeting

CGM (O&M) stated that the DPR has been prepared and shall be sent to ERPC soon.

[Action:-CGM (O&M)]

viii) Pollution mapping for Eastern Region –Powergrid

In 89th OCC Powergrid submitted the work flow chart and list of sites along with the necessary formats to be filled up by the constituents. OCC requested all constituents to fill the formats (format enclosed at Annexure B23) at the earliest and send it to sksinghpg@yahoo.co.in.

In case of any query members could contact Shri S. K. Singh, 9434740009 or Shri Virendra Kumar 9434748239.

OPTCL as the STU is required to furnish the information sought for in the prescribed format available in ERPC website (Annexure-B-23 of the agenda for 90th OCC meeting of ERPC).

Deliberation in the meeting

CGM (O&M) stated that the information sought for has been prepared in the prescribed format and send to ERPC soon. SLDC suggested to forward the DPR to ERPC & CEA through email id ereb_cea@yahoo.com / ereb_cea@yahoo.co.in / ceaopm@rediffmail.com.

Item No: C2 Communication issues

(I) Installation of RTU and associated equipments for RSP.

Deliberation in the meeting

GM (Telecom) stated that, as intimated by RSP, OPGW has been laid. The work is expected to be completed by 15th November'13.

[Action:-RSP / GM (Telecom)]

(II) Installation of communication equipment by CGPs / Industries.

Present status of data communication from CGPs as intimated by G.M (Telecom) CGPs:

Sl.No	Name of CGP	Present status
1	M/s FACOR Power Limited	Overhead line is yet to be charged.
2	M/s Shree Ganesh Metalicks Ltd	Taken up with OERC for penalty
3	M/s Hind Metals, Meramunduli	Supply Disconnected
4	M/s SEL, Jharsuguda	Data invoked from ERLDC & displayed at SLDC.
5	M/s Shalivahan Green Energy Ltd.	Taken up with OERC for penalty
6	M/s IFFCO, Paradeep	Estimation completed & asked to deposit.
8	M/s MSP Mettalicks	Time allowed up to 14.11.2013.
9	M/s Narbheram	BOQ issued on 06.07.12. At present the CGP is connected through 33 kV line.
10	M/s NINL, Duburi	Matter to be taken up with OERC
11	M/s Balasore Alloy	Yet to be applied
12	M/s Adhunik Metallic	SCADA is not functioning due to LILO of the ckt.
13	M/s Rohit Ferrotech	Materials procured
14	M/s Concast Steel	RTU procured. Expected commissioning by 15 th Nov'13

SLDC stated that, RTU of M/s Adhunik Metallic is not reporting due to LILO of the ckt at Sri Ganesh Metalicks. It may be examined to provide data communication to SLDC bypassing Sri Ganesh Metalicks, as the said CGP is not in operation. OHPC stated that carrier communication to Balimela, Upper Kolab, Machhakund is often remaining defunct, which is required in case of BSNL network failure.

[Action:-G.M (Telecom)]

Item No: C3 Issues from last OCC meeting/ Discom Issues.

CESU:

- i) Release of 132 kV Kalarangi LILO line.
- ii) Discrepancy in BST bills for FY 2010-11 & 2012-13 amounting of Rs 2.31 Crs.
- iii) Non availability of Dump data for checking
- iv) Meter data of Balugaon bus coupler data for Khallikote feeder.
- v) Non availability of ABT Dash board data in complete shape.

Deliberation in the meeting

- i) In the last meeting CESU stated that the tentative date for commissioning of new 33kV line to facilitate the LILO of Kalarangi Grid S/S will be intimated in the PSOC meeting.

CESU stated that the Detail Project Report (DPR) has been sent to OERC for approval.

It was decided that, CESU shall sort out the issues of item i, ii & iii with Gridco & SLDC. Item (v) has been deliberated separately.

[Action:-CESU]

NESCO:

- i) Commissioning of 3rd 100 MVA Auto Transformer at Joda Grid Sub Station.
- ii) Discrepancy in BST bill for the month of September'13

Deliberation in the meeting

- i. CGM (O&M) stated that. Commissioning of 3rd 100 MVA Auto at Joda has been delayed due to engagement of O&M officers in Phailin affected area. However, commissioning is expected to be completed by end of November'13.
- ii. It was decided that SLDC shall examine the discrepancy in the Final Schedule and Billing.

[Action:-CGM (O&M), SLDC]

WESCO:

Scheduling more than requisition.

Deliberation in the meeting

As decided in the last meeting, actual drawal against the schedule and requisition in respect of WESCO is annexed. The abstract of daily schedule requested, schedule approved & actual drawal has been reviewed. It was noticed that WESCO has overdrawn 24 MU during the month. The allegation raised by WESCO was not correct.

[Action:-WESCO]

SOUTHCO:

- i) Actual drawal deemed as schedule due to Severe Cyclone Phailin.
- ii) Complete shape of ABT dash board data & past providing drawal data

Deliberation in the meeting

Suspension of Intra-ABT of all Discoms was discussed separately.

Item No: C4 ABT related issues

- i) Availability of ABT Dashboard data in complete shape.
- ii) Erroneous data for some S/S drawal.
- iii) Changing of Dash board Format

Deliberation in the meeting

SLDC stated that the above issues are being raised by the Discoms frequently in all the meetings. It was decided that GM (Telecom) may instruct the concern person to provide drawal data of all the S/Ss integrated to SCADA in the respective Discom dashboard. Further the Dashboard format should not be changed without prior consent of Sr. G.M (PS) and CGM (IT). More number of Telecom officers working at SLDC need to be involved in the above purpose to avoid interruption.

VPN connectivity to Discom control center

In the last meeting SLDC stated that VPN connectivity to Discom control center is being examined by SLDC.

It was decided that a separate meeting will be arranged between SLDC, IT, Telecom and Add soft to decide the strategy for providing VPN connectivity to Discom Control Center.
SLDC shall convene the meeting.

[Action:-SLDC]

PART D: OPERATIONAL PLANNING**Item No: D1 Operational Constraints.****i) Restoration of transmission elements damaged due to effect of Severe Cyclone Phailin.**

11 nos of transmission lines of OPTCL system have been badly damaged due to collapse of 93 towers and breakdown of other transmission lines caused interruption of power supply to 25 nos of grid S/Ss. About 1900 MW load loss was occurred in the State. As of now CESU & WESCO have almost revived their drawal where as NESCO and SOUTHCO have yet to restore the power supply in most of the area. Power supply to all the grid sub-stations of OPTCL has been restored. **In view of the above, the suspension of intra ABT needs to be examined.** OPTCL & DISCOMs may update the restoration status.

Deliberation in the meeting

CGM (O&M) stated that 49 Nos. of transmission lines of OPTCL system have been affected due the Severe Cyclone Phailin out of which, all the lines have been charged except three numbers namely 220 kV Narendrapur-Theruvalli, 132 kV Narendrapur-Chatrapur D/C and 132 kV Aska-Berhampur Ckts. Power supply have been restored to all the Grid S/Ss.

Suspension of Intra-ABT.

Suspension of Intra-ABT considering the load loss and ongoing restoration process by Discoms was reviewed. It was decided and agreed by all the Discoms that the Intra-ABT shall remain suspended for all Discoms except Southco with effect from 12.10.2013 to 27.10.2013 and for shall continue for Southco till end of November i.e. up to 01.12.2013. During such period the actual drawal of Discoms shall be considered as their drawal schedule.

[Action:-SLDC, Gridco]

ii) Curtailment of Balimela Generation.

It is noticed that Balimela PH is not increasing generation beyond 250 MW even though two numbers of 220 kV ckts available between Balimela and Jayanagar. Normally one ckt is kept open during off peak condition to arrest over Voltage at Jayanagar. Also Balimela PH is not providing the required VAr support to reduce the Voltage.

Deliberation in the meeting

Director (O), OHPC stated that Balimela is providing VAr support whenever asked by SLDC. SLDC may indicate the exact date of such non-compliance. He assured to enhance generation up to 300 MW in case of two Nos of 220 kV Balimela-Jayanagar ckt available.

It was decided that SLDC shall keep a written record of important instructions issued to any of the users in future.

[Action:-SLDC, OHPC]

Item No: D2 Non-functioning of breakers and relays at Theruvali Grid S/S.

Deliberation in the meeting

CGM (O&M) stated that replacement of Breakers at Theruvali S/S is under progress.

Item No: D3 Commissioning of New Lines & Sub-stations.

C.G.M (Const.) deliberated the installation & commission status of new transmission elements as follows.

Sl. No	Details of transmission element	Present Status
1	Commissioning of 220 kV Jayanagar-Jeypore 2 nd DC line	Work has already been started. Expected to be completed in one year
2	Commissioning of 400 kV Maramundali-Mendhasal 2 nd ckt	Work has already been started. Expected to be completed by December 2013.
3	Commissioning of Bolangir New-Bolangir(PG) line	One ckt of 220 kV Katapali-Bolangir will be made LILO at Bolangir (PG) for which tendering work under progress.
4	Commissioning of 400 kV Ib-Meramundali D/C line.	Expected to be commissioned by December 2013.
5	Commissioning of 220 kV Bidanasi-Cuttack line	Work in progress and expected to be completed by March 2014.
6	Commissioning of 220/132 kV Cuttack S/S	Work in progress and expected to be completed by March 2014.
7	Commissioning of 132 kV Baripada (PG)-Jaleswar line	Work order has already been placed, which will take one and half year time
8	Commissioning of 132 kV Paradeep-Jagatsinghpur line	Work completed. To be charged within a week.

[Action: Sr. G.M (TP&C)]

Item No: D4 Connectivity to Keonjhar PG.

Powergrid has commissioned 400/220 kV S/S at Keonjhar. Whether OPTCL has planned connectivity of OPTCL system to the above S/S.

Deliberation in the meeting

CGM (Const) stated that Nayagada (Keonjhar) 220 /132 kV S/S shall be constructed by ESSAR and connected to one of 220 kV TTPS-Joda ckts by LILO arrangement, which subsequently will be connected to Keonjhar (PG) S/S.

Item No: D5 Reporting & Analysis of major incidents.

In the last meeting SLDC stated that all the major incidents need to be analyzed in protection co-ordination sub-committee meeting of OPTCL before discussion in ERPC forum. CGM (O&M) assured to analyze the incidents in the protection sub-committee meeting. The protection sub-committee meeting of ERPC is scheduled to be held on 11.11.2013 at ERPC, Kolkata. CGM O&M is requested to depute the concern officers to attend the meeting at ERPC and deliberate. Prior to the meeting the incidents need to be analyzed by OPTCL.

Deliberation in the meeting

CGM (O&M) assured to depute EMR representative to the Protection Sub-Committee meeting of ERPC. It was decided to analyze the disturbances before the meeting.

[Action: CGM (O&M), SLDC]

Item No:D6 Major Events in the month of September'13.

05.09.2013: 20 MVA transformer at Tentulikhunti commissioned.

15.09.2013: 3rd 132/33 kV transformer at Chandaka commissioned.

25.09.2013: 132 kV BC Mohanty Switching Stn commissioned for power supply to Tamka Rly feeder and BC Mohanty Industry.

27.09.2013: At Kesura, 132/33 kV, 20 MVA transformer was replaced by 132/33 kV, 63 MVA transformer.

[Members to Note]

Item No: D7 Under Frequency Relay operation in OPTCL System during the month of September'13.

There is no UF Relay operation occurred during the month of September'13.

[Members to Note]

Item No: D7 Important Grid Incidences during the month of September & up to 5th October'13

- (I) On 17.09.13At 10:59 hrs, 400 kV Meramundali-Mendhasal Ckt tripped at Meramundali on D/P and at Mendhasal on DTT. The tie breaker of the said Ckt did not trip. At Mendhasal also Meramundali Ckt tie breaker did not trip.Non tripping of tie breakers at both the S/Ss resulted tripping of other lines as detailed. At Mendhasal 400 kV Mendhasal-Baripada Ckt-I & II tripped. At the same time 400/220 kV 315 MVA ICT-I & II at Mendhasal and ICT-I at Meramundali tripped. 400 kV Meramundali-JSPL Ckt-I and 400 kV Meramundali-Kaniha Ckt-II tripped at Meramundali.

(II) On 05.10.2013 at 17:40 hrs 220 kV Mendhasal-Chandaka ckt-I, II, III & IV tripped interrupting power supply to Chandaka command area. Subsequently 400 kV Meramundali-Mendhasal ckt, Mendhasal-Baripada ckt & ICT at Mendhasal tripped on over Voltage. As per the report received, R-phase insulator of 220 kV Chandaka-Mendhasal ckt II was damaged at location No. 619. AGM E&MR Division Bhubaneswar was requested to analyze the disturbance and intimate the reason of tripping of all healthy lines vide letter no 2578 dated 08.10.2013 which is yet to be complied.

Deliberations in the meeting

CGM (O&M) stated that the disturbance is being analyzed and final report is under preparation.

[Action: CGM (O&M)]

Item No: D9 Outage of major transmission Lines / Elements during the month of September'13 (for more than 10 hours).

Sl No	Transmission lines	Tripping Dt/time	Restoration Dt/time	Reason
1	220 kV Paradeep-Essar Ckt-II	01.09.13 15:27	02.09.13 16:34	'B' ph LA burst at Essar end.
2	220 kV Tarkera-Rengali ckt-II	02.09.13 17:24	04.09.13 13:44	'B' ph insulator damaged at Loc. No-332
3	132 kV Narendrapur-Khurda Ckt	13.09.10 18:10	14.09.10 17:18	Jumper snapped at Loc. No-103.
4	132 kV Boinda-Rairakhol Ckt	14.09.13 11:55	15.09.13 12:09	Fault in 400 kV line which was charged for antitheft from Loc. No-406.
5	220 kV Mendhasal-Bhanjanagar Ckt	16.09.13 14:14	18.09.13 15:02	Earth wire snapped between Loc. No-22 and 30 and fell on conductor.
6	400 kV Meramundali-Mendhasal Ckt	17.09.13 10:59	18.09.13 01:36	'R' ph LA burst at Mendhasal end.
7	132 kV Narendrapur-Khurda Ckt	17.09.13 16:17	18.09.13 17:39	'R' ph insulator damaged at Loc. No-186
8	220 kV Rengali PH-TTPS Ckt	22.09.13 16:30	23.09.13 17:23	'Y' ph insulator damaged at Loc. No-122
9	132 kV Meramundali-Dhenkanal Ckt	25.09.13 19:13	26.09.13 12:27	Insulator damaged at Loc. No-25 & 27.

Major outages are due to snapping of jumper / insulator failure.

Deliberations in the meeting

CGM (O&M) stated that action is being taken for strengthening of jumpers and replacement work of insulators by Long Rod insulators in Paradeep & Duburi area is under progress. Thermo vision camera is being used to locate the jumper status.

[Action: CGM (O&M)]

Item No: D10 Review of Outage Program of State Generators / Transmission elements for the month of October & November'13:

Tentative Outage programme for State Generators for the month of **September '13** are as follows:

Sl.	Station	Unit	Period	Remarks
1	Ib TPS	# 1	24.08.13 to	Synchronized on 16.10.2013 after annual

			10.10.13	overhauling
2	TTPS	# 1 # 4	19.10.13 to 30.10.13 22.09.13 to 06.10.13	Annual maintenance & Boiler licensee renewal Synchronized on 04.10.2013 after annual overhauling
3	Burla	# 1	18.11.13 to 17.12.13	Annual Maintenance
		# 6	10.04.13 to 15.11.13	Heavy leakage from turbine shaft seal with vibration in the shaft
4	Chiplima	#1, 2 & 3	15.11.13 to 14.12.13	Power Channel closure & Annual maintenance of # 1 & 2
5	Balimela	# 1	31.01.13 to 30.11.13	Thrust bearing problem
		# 3	06.08.13 to 31.10.13	PMG problem
6	Rengali	# 3	15.11.13 to 31.12.13	Annual Maintenance & overhauling of GT
7	Upper Kolab	# 1	04.11.13 to 03.12.13	Annual Maintenance
8	Upper Indravati	# 1	05.11.13 to 29.11.13	Annual Maintenance

Deliberations in the meeting

Director (Commercial) stated that OHPC should plan their maintenance program considering the spilling condition of reservoirs. Further Upper Indravati is not maintaining full generation.

SLDC stated that Burla is also not maintaining full generation in spite of SLDC instruction.

It was decided that SLDC shall issue written instruction to Burla for maintaining full generation.

IBTPS representative did not attend the meeting for deliberation.

[Action: SLDC, OHPC & IBTPS]

Item No: D11 Generation Program for the month of October & November'13.

Generation schedule for the month of October & November'13 furnished by OHPC are given below.

Name of Hydro Gen. Station	Generation Programme (MW)			Reservoir Level as on 01.10.13	Reservoir Level as on 28.10.13	MDDL	High Flood Reservoir Level
	Oct'13	Nov'13					
		1 st fortnight	2 nd fortnight				
HPS, Burla	150+50	150+50	20+0	629.97 ft	629.83 ft	590 ft.	630 ft.
Balimela	300	200	200	1512.70 ft	1516.80 ft	1440 ft.	1516 ft.
Rengali	100	50	60	121.85 mt	123.66 mt	109.72mtr	123.5 mtr.
U.Kolab	100	100	100	855.19 mt	856.28 mt	844 mtr	858 mtr.
U.Indravati	400	350	350	640.60 mt	641.40 mt	625mtr	642 mtr
MKD	30	30	30	2747.20ft	2749.05 ft	2685 ft.	2750 ft.
TOTAL	1130	930	760				

Deliberations in the meeting

OHPC stated that Chipilima units shall be made shutdown subject to shutdown of power channel. Director (Commercial) suggested that, OHPC should finalize the generation programme in consultation with GRIDCO. OHPC agreed to the suggestion.

[Action: OHPC]

PART E: OTHER ISSUES

Item No: E1 Providing CUG connection to Grid Sub Stations.

SLDC stated that due to outage of land line telephones of Grid S/Ss SLDC is facing problem to contact them for real time operation. Although CUG number has been provided to all the executives of OPTCL it is difficult to know the executive in duty at that instant. To overcome the same it may be examined to provide CUG connectivity to all grid sub stations of OPTCL with limited outgoing facility.

Deliberations in the meeting

The proposal was accepted by the members. It was decided that CGM (O&M) shall place a proposal to provide CUG connectivity to all the Grid S/Ss before CMD, OPTCL for approval.

[Action: CGM (O&M)]

Item No: E2 Takeoff arrangement for load drawal.

CGM (Const) stated that although new Grid S/Ss have been commissioned / to be commissioned, the respective Discoms are yet to build up the required infrastructure for load drawal. The details of new Grid S/S are as tabled.

SL. No	Name of S/S	Capacity (MVA)	Status	Discom Area	Remarks
1	Akhusing	25	Commissioned	SOUTHCO	Low load
2	Purusottampur	40	Commissioned	NESCO	
3	Chandpur	25	Commissioned	CESU	
4	Laxmipur	20	Commissioned	SOUTHCO	
5	Kuchinda	25	Commissioned	WESCO	
6	Barbil	40		NESCO	
7	Kalugaon	40		WESCO	
8	Argul	120		CESU	
9	Lapanga			WESCO	
10	Jharsuguda	80		WESCO	Converted to 33 kV from 11 kV

All the Discoms were requested to deliberate the strategy of their infrastructure for load drawal / diversion in the next PSOC meeting.

Item No: E3 Charging of 220 kV TSTPS-Meramundali ckt-II.

Deliberations in the meeting

NTPC enquired the tentative date for charging of 220 kV TSTPS-Meramundali 2nd ckt. CGM (O&M) stated that the rectification work of breaker is under progress.

Item No: E4 Issue raised by M/s Bhusan Steel Limited, Meramundali

BSL stated that Meramundali grid is delaying in charging of their ckt(s) in case of tripping. Further, CESU has raised cross subsidy bill for the month of September for their intra-state open access transaction through PTC.

Deliberations in the meeting

O&M stated that before charging of the tripped circuit, the shift in charge shall ensure the healthiness of the circuit to prevent recurrence of tripping.

SLDC stated that as per the provision of the Regulation, SLDC shall prepare the cross subsidy surcharge bill for the intra state OA customer and intimate to the respective DISCOM.

Item No: E5 Date and Venue of the next (73rd) PSOC meeting:

The 73rd PSOC meeting is proposed to be held at the same venue in the 3rd week of November'13. The details shall be intimated to all the members.

Meeting ended with Vote of thanks by AGM, SLDC.

72nd Power System Operational Co-ordination Review Meeting
[At 11:30 A.M. on 31.10.2013]
[At Power Training Center, OPTCL, Chandaka, Bhubaneswar]

Sl. No.	Name	Designation	Organisation	Telephone No.	Mobile No.	E-mail Address	Signature
1	P. K. Pradhan	Dir (Comm)	GRIDCO		9437125407		
2	S. K. Hota	C.G.M(C)	OPTCL		9438907401	sgm.com@optcl.co.in	
3	P. C. Tripathy	C.G.M(ADM)	OPTCL		9433907014	sgm.com@optcl.co.in	
4	A. K. Mishra	Dir(O), OHPC	OHPC		7437170806		
5	C. Rakshit	Sr.G.M(CP)	OPTCL		9861057115		
6	B. P. Mishra	Sr.G.M(PRG)	OPTCL		9438907019	ele.bp.mishra@optcl.co.in	
7	M. A. Rao	C.G.M(IT)	OPTCL				
8	K. C. Mishra	Sr.G.M(P)	SLDC, OPTCL		9438907044	Kishore154@gmail.com	
9	S. K. Patra	Dr. Manager ABT	WESCO		9437057208	smkpatra@wesco.com	
10							
11	C. R. Mishra	Dy. Mgr.	OPTCL (Comm)		9438907305	ele.crmishra@optcl.co.in	
12	J. K. Sanyal	AGM (IT)	OPTCL		9435907242	ele.jksanyal@optcl.co.in	
13	S. Radhi	DGM	Southco		9437959444	sahyachiradhi@gmail.com	
14	S. P. Mallik	GM (OSP)	NESCO		9438906006	Surendra.mallik@nescocoindia.com	
15	S. C. Mahalik	AGM (MT)	NESCO	06781-261296 9438906006	9438906016	shavendra.mahalik@gmail.com	
16	S. K. Mishra	DGM (OS)	NTPC, Bhub.	(0674) 2376260	9438232207	skmishra@ntpc.co.in	
17	R. K. Sharma	AGM (P)	JSL		9938250074	rksharma@jrdjindalsteel.com	
18	Aparna Raut	AEE (AD)	Southco.		9437494868	aparna.raut81@gmail.com	
19	Rulak	AM	SEL	66045-66647	940877016	rulak.srivastava@rediffmail.com	
20	A. K. Nanda	SM GM	BSL	943757952	9437579152	ak.nanda@bhusansteel.com	
21	B. P. Gantayat	Dy. Mgr (CB)	OHPC Ltd.	2542983	943962084		
22	D. N. Patra	Manager	OHPC	9778109422	9778109422	d.n.patra.ohpc@gmail.com	
23	S. K. Choudhary	AGM	Southco	27743747	9777457217	sumanta@southcoindia.com	
24	A. K. Patra	Dy. Mgr	OPTCL Telco	9438907440	9438907440		
25	A. K. Patra	S.M.	OPTCL Telco	9438907072	9438907072	telco.aks@optcl.co.in	
26	G. R. Patra	Manager	GCC	9438907327	9438907327	ele.gpatra@optcl.co.in	
27	Hareprya Behara	DM (EL)	OPTCL RTCC	9438907021	9438907021	ele.hbehara@optcl.co.in	
28	PRASANT PANDA	MGR (EL)	GCC	9438907300 2541651	9438907300	ele.p.panda@optcl.co.in	
29	Umakanta Saha	AGM	SLDC	9438907403	→	u.saha@yaho.com	
30	Prabhat K Mishra	AGM	SLDC	2748856	9438907402	ele.pkmishra@sldc.org.in	
31	Archana Saha	Dy. Mgr	SLDC	2748089	9438101420	archa.saha@yaho.com	
32	P. K. Reddy	DGM	ORCU	9438907327 9438907327	9438907327	PKReddy@rediffmail.com	
33	S. K. Patra	D. M. EL	OPTCL	9438907327		skpatra@optcl.co.in	
34	Prashant K. Das	AGM	SLDC	9438907400		prashant.k.das@sldc.org.in	
35	S. K. Das	Consultant	SLDC, OHPC	9437000261			



STATE LOAD DESPATCH CENTER
OFFICE OF THE Sr. GENERAL MANAGER (POWER SYSTEM)
ORISSA POWER TRANSMISSION CORPORATION LTD.
GRIDCO Colony, P.O.- Mancheswar Rly. Colony, Bhubaneswar-17, FAX-0674- 2748509

No. SGM(PS)-PL-15/2007(VOL .-V) /

Dated : .11.2013

From:

Sr. G.M (Power System)
OPTCL, Bhubaneswar.

To:

As per distribution list

Sub: Minutes of 72nd Power System Operational Co-ordination meeting held on 31.10.13 at PTC, Chandaka.

Sir,

Please find enclosed herewith the minutes of 72nd Power System Operational Co-ordination meeting held on 31.10.13 at Power Training Center, Chandaka.

This is for your information and necessary action.

Yours faithfully;

Encl.: As above

Sr. General Manager (PS)

CC: The Executive Asst. to C.M.D., OPTCL along with a copy of enclosure for kind information of C.M.D.

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26. The Sr. G.M. (Elect.), Bhusan Steel Limited, Meramundali
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