

Odisha Power Transmission Corporation Ltd. Bhubaneswar.

Minutes of 73rd PSOC meeting held on 19.02.2014 at PTC, Chandaka.

List of participants is at Annexure-A.

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

Members expressed their deep homage to Late Kishore Chandra Mishra, Ex- Sr. G.M. (PS), who has passed away at Farakka in the OCC meeting of ERPC on dated 22.11.2013. One minute silence was observed in his memory.

Sr. G.M (PS) welcomed all the participants to the 73rd Power System Operational Coordination meeting and highlighted the system performance during the month of January' 14 and overall power scenario of the State. He also emphasized on the overdraw by 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 72nd PSOC meeting held on 31.10.2014

The minutes was circulated vide letter No. SGM (PS)-PI-15/2007(Vol.-VI)-2737⁽²⁹⁾, dated 04.11.2014 to all the members and also uploaded in SLDC website.

Members may confirm the minutes.

Deliberation in the meeting

Minutes of 72nd PSOC meeting was confirmed since no comments were received.

PART B : SYSTEM PERFORMANCE

Item no.B1: Review of Grid Performance for the month of January'14.

(A) Frequency

It was noticed that 88.75 % of times the frequency remained in the band of 49.70Hz–50.20Hz (IEGC band) in comparison to 85.42 % during the month of December'13. The maximum and minimum System frequency during the month of January' 14 was 50.72 Hz & 49.44 Hz respectively.

(B) Grid demand

Grid demand for the month of **January'14** was reviewed. The energy consumption during the month was 2009 MU. The maximum System demand of **3603 MW** occurred on 15.01.2014 at **20:00 Hrs** and minimum demand of **2039 MW** occurred on **07.01.2014** at **15:00 Hrs**.

Deliberation in the meeting

It is observed that, the Energy consumption and peak demand during the month of **January' 14** has been increased by **146 MU** and **283 MW** respectively from that of **December'13**. The energy consumption during the month has been increased by **164 MU** in comparison with **January'13**.

(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 **250 kV** and minimum Voltage of **200 kV** was experienced at **Narendrapur** 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). OPTCL/SLDC may approach POWERGRID to examine the possibilities of enhancing the reactor capacity at Jeypore (PG) S/S through ERPC. The VAr flow from Jeypore (PG) end, need to be monitored by SLDC for reporting to ERLDC. Under Voltage at Narendrapur was due to outage of Theruvali-Narendrapur one ckt.

[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 2009 MU.

(E) Drawal of Machhakund Power

The hourly drawal of Machhakund power during the month of January'14 was reviewed. The average drawal during the month was 17.607 MU against total generation of 49.967 MU.

Deliberation in the meeting

SLDC stated that Machhkund authority is hand tripping Jayanagar feeder whenever the drawal exceeds more that 50 % of generation on real time basis. It is not possible to provide matching load for 50% drawal on real time basis. OHPC stated that, it was decided for adjustment of less/surplus energy drawal of a month in the succeeding month. Director (Commercial) stated that OHPC should monitor the drawal adjustment in coordination with Machhakund authority. SLDC shall intimate energy drawal of past month on the 1st day of each month to OHPC. Southco in coordination with Jayanagar S/S shall explore the feasibility of interconnection of 33 kV feeders within the associated grid sub-stations for optimum drawal of Machhakund energy. Sr. G.M. (PS) stated that, drawal would have been regulated to some extent by tap position changing on real time basis.

[Action:-SLDC/OHPC/ SOUTHCO]

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

The schedule and actual energy drawal by Discoms for the month of **January'14** was reviewed.

Deliberation in the meeting

It was noticed that that the Discoms have drawn 1843.62 MU against schedule of 1750.31MU during the month. The total over drawal quantum by all Discons was 93.31 MU.

Director (Commercial) stated that although the over drawal quantum has been reduced, still it is significant. Further, he advised that the total Discom drawal should be restricted to 12 % of Gridico's ISGS share in view of implementation of CERC (Deviation settlement mechanism and related matters) Regulation 2014 with effect from 17.02.2014.

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

[Action:-All Discoms]

PART C: NEW ISSUES

Compliance of decisions of 93rd ERPC meeting held on 10.01.2014

Item No: C1: Availability of data of real time power flow of feeders covered under Under frequency Load shedding scheme (UFLS) and lower relief expected to obtained in real time system operation

Availability of data of real time power flow of feeders covered under Under frequency Load shedding scheme (UFLS)

ERLDC requested for real time telemetry data of feeders connected with UFR. OCC requested all the constituents to comply with the CERC guidelines and communicate their experience

Deliberations in the meeting

CGM (O&M) stated that all the UF Relays installed in OPTCL network are of numeric relays and the features as indicated are available in the relays. Mostly, 33 kV feeders are covered in the UF tripping scheme. Presently, 33 kV system is not integrated under SCADA. GM (Telcom) shall examine the feasibility of real time data communication from those feeders covered under UFR. O&M shall forward the list of such feeders to GM (Telecom). Views of OPTCL in this regard shall be forwarded to ERPC by CGM (O&M).

[Action:-CGM (O&M)/ G.M (Telecom)]

Item no. C.2: 220 kV inter-connecting lines of OPTCL with 400/220 kV Bolangir (PG) Substation

400/220 kV, 2X 315 MVA S/S at Bolangir has been established by Powergrid as part of ISTS system based on the decision taken in Standing Committee meeting held on 08.11.2008 held at Bhubaneswar. This substation was to cater to the local load demand of Bolangir and its adjoining area in Odisha.

The following 220 kV interconnecting lines was envisaged to be established by OPTCL:

- (i) LILO of OPTCL's Burla-Bolangir line at Bolangir (PG).
- (ii) Bolangir(PG) –Bolangir (OPTCL) S/C line.
- (iii) Bolangir(PG) –Kesinga S/C line.

OPTCL deliberated the latest status in the OCC meeting of ERPC as follows:

Deliberations in the meeting

CGM (Const) stated that the following arrangements have been planned for interconnecting Bolangir (PG) with OPTCL system and the status are as indicated.

- (i) LILO of 220 kV Burla-Bolangir D/C line at Bolangir (PG).—Work is in progress and it would be completed by June, 2014.
- (ii) Bolangir(PG) –Bolangir (OPTCL) S/C line – proposal dropped at present.
- (ii) Bolangir(PG) –Kesinga S/C line. —Survey work started.

[Action:-CGM (Const)]

Item no. C.3: Review of load relief under various stages of UFR

It was deliberated in the OCC meeting of ERPC to complete the commissioning of UFR in the following S/Ss by February 2014.

- 1.Kesinga
- 2.Junagarh
- 3.Kalarangi

Deliberations in the meeting

CGM (O&M) stated that UFR at Kalarangi has been installed and commissioned. UFRs in the remaining S/Ss shall be completed by March 2014.

[Action:-CGM (Const)]

Item no. C.4: Restoration of 220 kV Meramundali - TSTPP -I

Deliberations in the meeting

CGM (O&M) stated that the line will be charged soon after rectification of breaker problem at Meramundali end, tentatively by 31st March, 2014.

[Action:-CGM (Const)]

Item no. C.5: Depletion in OPTCL network due to impact of cyclone —Phailin

Deliberations in the meeting

CGM (O&M) stated that 220 kV Narendrapur-Theruvalli and 220 kV Narendrapur-Mendasal lines, are expected to be charged through normal tower by March, 2014 and July, 2014 respectively.

[Action:-CGM (Const)]

Item no. C.6: Scheduling of power by ERLDC—GMR

Deliberations in the meeting

Director (Commercial) stated that GRIDCO has already issued NOC to GMR to remain in the CTU system. Sr. G.M. (PS) may deliberate accordingly in the OCC meeting of ERPC.

[Members to Note]

Item no. C.7: Certification through BIS as per IS 18001:2007 to all generating / transmission units. (Item No. B9 of 84th OCC meeting)

Deliberations in the meeting

CGM (O&M) shall take necessary action for **Certification through BIS.**

[Action:-CGM (O&M)]

Item no. C.8: Over voltage protection setting of 400 kV lines in Eastern region - ERLDC

Deliberations in the meeting

CGM (O&M) shall forward the required data in the format to ERLDC.

[Action:-CGM (O&M)]

Item No C9: Communication issues

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

Deliberations in the meeting

RSP stated that real time data communication facility has been established between RSP & Tarkera since 17.01.2014. RSP shall avail shutdown on 220 kV ckts for OPGW stringing and avail power through 132 kV ckts.

[Action:-RSP]

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

Telecom representative has deliberated the status of data communication from CGPs as follows

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	RTU to be procured & WT to be installed.
3	M/s SEL, Jharsuguda	Data invoked from ERLDC & displayed at SLDC.
4	M/s Shalivahan Green Energy Ltd.	Penalty imposed by OERC
5	M/s IFFCO, Paradeep	P.O. issued by CPC for procurement of PLCC / SCADA.
6	M/s MSP Mettalicks	Database prepared & to be integrated shortly.

7	M/s Narbheram	BOQ issued on 06.07.12. At present the CGP is connected through 33 kV line.
8	M/s NINL, Duburi	Matter intimated to GCC
9	M/s Balasore Alloys	Yet to be completed
10	M/s Adhunik Metallics	SCADA is not functioning due to LILO of the ckt.
11	M/s Rohit Ferrotech	Not completed
12	M/s Concast Steel & Power	Data reporting since 04.12.13
13	M/s NALCO	Inspection done & commissioning yet to be done.
14	M/s VEDANTA, Jharsuguda	Status point availability- by end of December'13

It was decided that Member Secretary GCC shall ask those CGPs/ IPPs for establishment of real time data communication facility to SLDC, failing which the matter will be taken up with OERC.

[Action:-GCC]

Item No C10: Issues from last OCC meeting.

Commissioning of new 33kV line to facilitate the LILO of Kalarangi Grid S/S will be intimated in the next PSOC meeting.

Deliberations in the meetings

G.M CESU stated that the above line has been included in the CAPEX and may take one year for commissioning.

[Action:-CESU]

Commissioning of 3rd 100 MVA Auto Transformer at Joda Grid Sub Station.

Deliberations in the meetings

CGM (O&M) stated that commissioning of 3rd 100 MVA Auto at Joda has been delayed due to breaker problem, expected to be commissioned by end of March 2014.

[Action:-CGM (O&M)]

PART D: OPERATIONAL PLANNING

Item No D1: Implementation of CERC (Deviation Settlement Mechanism and related matters) Regulations, 2014.

Deliberations in the meetings

SLDC stated that CERC (UI charges & related matters) Regulation 2009 has been replaced by the above regulation with effect from 17.02.2014. In view of the above Regulation, the overdraw / under draw margin of GRIDCO has been limited to 12% of net ISGS schedule which comes around 50-100 MW. The DISCOM's over-drawal should be limited to the above quantum. DISCOM's should be very much careful while forecasting their day-ahead drawal schedule to limit over drawal margin.

Director (Commercial) stated that the Discoms shall strictly adhere to their respective drawal schedule and SLDC shall closely monitor their drawal. OHPC may instruct all the unit heads to declare the unit availability considering all real time constraints and follow SLDC instructions for increase or backing down generation.

[Action:-SLDC/ DISCOMS/OHPC]

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

Deliberations in the meetings

CGM (O&M) stated that the tie breaker at Theruvali did not operate, resulting unwanted tripping of all 220 kV ckts. Four Nos of breakers at Theruvali have been replaced. Replacement of other breakers will be done soon.

[Action: CGM (O&M)]

Item No D3: Non-functioning of breakers at Rengali Switchyard.**Deliberations in the meetings**

CGM (O&M) stated that Breaker problem at Rengali Switchyard has been rectified.

Item No D4: Commissioning status of New Transmission elements.**Deliberations in the meetings**

CGM (Const) stated the status of commissioning 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 2nd ckt	Line is ready and shall be charged after commissioning of 3 rd ICT at Mendhasal for which tender has been opened.
3	Commissioning of Bolangir New-Bolangir(PG) line	220 kV Katapali-Bolangir D/C line will be made LILO at Bolangir (PG) for which tendering work is under progress.
4	Commissioning of 400 kV Ib-Meramundali D/C line.	Expected to be commissioned by March 2014.
5	Commissioning of 220 kV Bidanasi-Cuttack line	Work in progress and expected to be completed by June 2014.
6	Commissioning of 220/132 kV Cuttack S/S	Work in progress and expected to be completed by June 2014.
7	Commissioning of 132 kV Baripada (PG)-Jaleswar line	Work has already been started, which will take one and half year time to complete.
8	Commissioning of 220/132 kV Kesinga S/S	Work under progress. Expected by March 2015.
9	Connectivity to Keonjhar PG	Proposal to connect by LILO of 220 kV Joda-TTPS through Nayagarh 220 kV (ESSAR) S/S. Expected to take one year.

[Action: CGM (Const.)]

Item No D5: Reporting & Analysis of major incidents.**Deliberations in the meetings**

CGM (O&M) stated that all the major S/S has already been instructed for timely reporting of incidents to SLDC after proper analysis

[Action: CGM (O&M)]

Item No D6: Major Events in the month of January & February'14.

05.01.2014: 160MVA, 220 / 132 kV Transformer charged at Bhanjanagar replacing 100MVA tfr.

12.01.2014: 3rd 40MVA, 132/33 kV Transformer charged at Cuttack.

13.01.2014: At Barpali, one 20MVA transformer charged replacing 12.5 MVA transformer.

17.01.2014: At Sonapur, one 20MVA transformer charged replacing 12.5 MVA transformer.

25.01.2014: 2nd 132/33 kV Transformer at Chandpur charged.

01.02.2014: 220 kV Mendhasal-Bidanasi DC line charged.

03.02.2014: 132/33 kV, 1X12.5 MVA, Barbil S/S charged.

07.02.2014: 132 kV Palasponga-ESSAR line charged.

09.02.2014: At Jaleswar, one 31.5 MVA transformer charged replacing 20 MVA transformer.

12.02.2014: 220 kV Paradeep-IOCL SC line charged

14.02 2014: 132/33 kV Badagada (Kesura) S/S made LILO on Chandaka-Nimapara line.

Deliberations in the meetings

CGM (O&M) stated that Discoms may make necessary takeoff arrangement for drawal of load from the above S/Ss

CESU stated that unless Chandpur is connected with Balugaon, CESU cannot draw load from the said S/S due over loading of the line which is feeding to Khurda also. CGM (O&M) stated that ROW is a problem for construction of new line from Balugaon to Khurda. Local officers of CESU may come forward to resolve the issue with local people. G.M, CESU has agreed to extend all type of cooperation. NESCO stated that they have already started drawing load from Barbil S/S. One 12.5 MVA Transformer may not adequate to cater the area load. CGM (O&M) stated that 2nd Tfr will be commissioned soon.

[Action: CESU/NESCO/O&M]

Item No D7: Under Frequency Relay operation in OPTCL System during the month of January'14.

There is no UF Relay operation occurred during the month of January' 14.

Item No D8: Important Grid Incidences during the month of January & February'14

Deliberations in the meetings

Major incidents occur during the month of January & February has been discussed. It was suggested the CGM (O&M) shall instruct all the major 220 kV S/S to analyze the incident and report to SLDC immediately. Protection Coordination Committee of OPTCL shall analyze all the major incidents for deliberation in the ERPC meeting.

[Action: CGM (O&M)]

Item No D9: Outage of major transmission Lines / Elements during the month (above 10 hrs).

Deliberations in the meetings

Outage of major transmission elements was discussed. It was suggested to take timely preventive maintenance of transmission elements to avoid prolonged outage.

[Action: CGM (O&M)]

Item No D10: Review of Outage Program of State Generators / Transmission elements for the month of February & March'14:

Tentative Outage programme for State Generators for the month of **February & March'14** are as follows:

Sl.	Station	Unit	Period	Remarks
1	Burla	# 2	17.01.14 to 18.02.14	Annual Maintenance
2	Chiplima	#1 # 2	27.01.14 to 15.02.14 20.02.14 to 10.03.14	Annual maintenance Annual maintenance
3	Balimela	# 1 #2	31.01.13 to 28.02.14 10.12.13 to 31.03.14	Thrust bearing problem Thrust bearing problem
4	Rengali	# 1	02.02.14 to 03.03.14	Annual Maintenance
5	U. Kolab	# 2	27.01.14 to 26.02.14	Annual Maintenance

Deliberations in the meetings

SLDC stated that Burla HEP is not able to synchronize the units at the time of requirement. Director (Commercial) stated that OHPC should declare the availability considering all real time constraints. In the present situation OHPC should immediately acted upon the instruction of SLDC. SLDC further stated that communication to Indravati is not functioning properly, specially in the night time. Sr. G.M, Indravati advised to contact him personally in case of emergency. Telecom may take necessary action to check the healthiness of communication system periodically.

[Action: OHPC/ TELECOM]

Item No D11: Generation Program for the month of February'14.

Generation schedule for the month of February' 14.

Name of Hydro Gen. Station	Generation Programme (MW)			Reservoir Level as on 01.02.14	Reservoir Level as on 15.02.14	MDDL	High Flood Reservoir Level
	Feb' 14	March' 13					
		1 st fortnight	2 nd fortnight				
HPS, Burla	40+25	40+25	40+25	625.67 ft	624.23 ft	590 ft.	630 ft.
Balimela	90	90	90	1505.90 ft	1504.40 ft	1440 ft.	1516 ft.
Rengali	80	80	80	122.17 mt	122.12 mt	109.72m	123.5 mtr.
U.Kolab	80	80	80	855.13 mt	854.68 mt	844 mtr	858 mtr.
U.Indravati	300	300	300	641.30 mt	640.59 mt	625mtr	642 mtr
MKD	30	30	30	2743.50 ft	2742.16 ft	2685 ft.	2750 ft.
TOTAL	645	645	645				

Deliberations in the meeting

The generation schedule is tentative and subject to change considering the scenario.

PART E: OTHER ISSUES**Item No: E1 Providing CUG connection to Grid Sub Stations.****Deliberations in the meeting**

CGM (O&M) stated that Management did not agree to the proposal, hence may be dropped.

Item No: E2 Discom issues-Transmission constraints .**(I) Transmission constraints**

Sl. No	Name of Discoms		Issues	Deliberations
1	Southco	(a)	Extension of power supply to HAL, Sunabeda from NALCO, Damanjodi in case of contingency condition	Meeting with NALCO shall be convened by CGM (O&M) to resolve the issue
		(b)	Installation of 20MVA, 132/33kV transformer replacing 12.5MVA transformer at Jaynagar sub-station.	The defective transformer has already been sent for repairing, shall be commissioned after receipt of the same.
		(c)	Construction of 3nos of 33kV bay at Jaynagar for Kundra, Hatapada and Nawrangpur feeder	There is no space available at Jayanagar. Nawrangapur may be connected to Boriguma feeder.
		(d)	Provision of spare 33kV bay at Balimela sub-station for Balimela	Bay is ready, Southco may avail connectivity.

			Express feeder.	
		(e)	Construction of 33kV bay at Phulbani sub-station for DHQH, Phulbani feeder.	All work has been completed and intimated to Southco.
2	CESU	(a)	Construction of 5 nos of 33kV bay at Chandaka for Mani Tirumala & Z Estate, Ashiyana & Kalarahanga, Infocity, TCS & DLF and proposed Chandaka 33kV sub-station.	Four Nos bay is possible, out of which three Nos have been equipped.
		(b)	Construction of 2 nos of 33kV bay at Ransinghpur for Sijua and TATA Housing & Kalinganagar	To be examined by OPTCL.
		(c)	Construction of 2 nos of 33kV bay at Mancheswar for Sainik school & Vani Vihar.	To be examined by OPTCL.
		(d)	Construction of 2 nos of 33kV bay at Mendhasal for Gothapatna & Chandaka	Mendhasal 33 kV system is mainly for station supply and feeding to limited area.
		(e)	Construction of 3 nos of 33kV bay at Bidanasi for Sati Choura, Sector-10 & Sector-13.	To be examined by OPTCL.
		(f)	Construction of 2 nos of 33kV bay at Cuttack	To be examined by OPTCL.
		(g)	Construction of 3 nos of 33kV bay at Paradeep for Kujanga, Trilochanpur and Bijayachandrapur feeders.	To be examined by OPTCL.
		(h)	Low Voltage problem at Chandikhol & Khurda.	Since Khurda is getting supply from Bidanasi, there is no Voltage problem at present.
3	NESCO		Up-gradation of Duburi, Basta, Barbil, Karanjia and Anandpur sub-stations	Duburi S/S shall be upgraded to 40 MVA.

It was decided that DISCOMs shall contact CGM(O&M) for bay extension and upgradation.

(II) ABT related issues

- (a) Availability of ABT Dashboard data in complete shape.
- (b) Erroneous data for some S/S drawal.
- (c) Changing of Dash board Format – display of DISCOM drawal data

Deliberations in the meeting

ABT Dashboard problem has been resolved at present. Discoms may suggest the data format to GCC for approval.

Item No: E3 O&M Issues:

(a) Load drawal from newly commissioned S/Ss

Discoms may explore takeoff arrangement from drawing load from the newly commissioned Grid S/Ss.

(b) Realignment of feeders

Discoms may take necessary action for re-alignment of 33 kV feeders to avoid over/under loading of Grid S/Ss and voltage improvement.

(c) Scrapping / removing of 11 system from Bargarh & Brajrajnagar S/S

WESCO should take immediate action for shifting 11 kV system from Bargarh & Brajrajnagar so as to utilize 33 kV bays for other consumers.

(d) Protection System at 33 kV S/Ss.

Discoms should provide proper protection schemes in their 33 /11 kV system so that the fault cannot reflect to the EHT network, which will improve the reliability for other consumers.

(e) Separation of LT & HT loads

Discoms should suitable steps for separation of HT & LT consumer loads by drawing separate feeders for each of the consumer category to improve the reliability.

Item No: E4 Date and Venue of the next (74th) PSOC meeting:

Item No: E5 Date and Venue of the next (74th) PSOC meeting:

The 74th PSOC meeting is proposed to be held at Rourkela under the aegis of RSP(SAIL) in the 3rd week of March'2014. The details shall be intimated to all the members.

Meeting ended with Vote of thanks by AGM, SLDC.

73rd Power System Operational Co-ordination Review Meeting

[At 11:30 A.M. on 19.02.2014]

[At Power Training Center, OPTCL, Chandaka, Bhubaneswar]

Sl. No.	Name	Designation	Organisation	Telephone No.	Mobile No.	E-mail Address	Signature
1	Sr. P.K. Pradhan	Dir (C)	GRIDCO		9437125494	pradhan.30@gmail.com	
2	Sr. S.K. Hota	COM (CONS)	OPTCL	9438907401	→	sgm.com@optcl.co.in	
3	Sr. P.C. Tripathy	COM (OPP)	OPTCL	9438907014		sgm.com@optcl.co.in	
4	Sr. C. Rajkumar	Sub-Dir (OP)	OPTCL		9861057115		
5	Sr. M.R. Mohanty	Sub-Dir (PS)	SLDC	9438907310	9438707310	mohanty.mr@slc.co.in	
6	Sr. S.K. Das	Consultant	SLDC	9437002261	9437002261	S. Sankarshankar@rediffmail.com	
7	Sr. B. Sethi	SGM (EU)	OPTCL	9437111878	-	bsethi@optcl.co.in	
8	Sr. K. Malan	DCM (SLDC)	SLDC	9438907065	-		
9	Zamaraanta Saha	AGM	SLDC	9438907403		webbsr@slc.com	
10	Bay Baidya	Dgm	SLDC	9438907312	-		
11	P.C. Mohapatra	AGM	SLDC	9438907320	-		
12	Manas Kumar Das	AVP, CEO	WAPCO, NESCO SOPSTRO	9388707460	-	manas.das@operecolutions.com	
13	S.P. Moulick	GM (OP)	NESCO	9438906006	-	sumendra.moulick@npsc.co.in	
14	S.K. Padhy	DGM	CFSU	9438907816		optcl@ast.co.in	

73rd Power System Operational Co-ordination Review Meeting

[At 11:30 A.M. on 19.02.2014]

[At Power Training Center, OPTCL, Chandaka, Bhubaneswar]






Sl. No.	Name	Designation	Organisation	Telephone No.	Mobile No.	E-mail Address	Signature
15	intpal Saha	GM (AST)	CPCL		9437486665		
16	Pradip Kumar Saha	GM Ektrek Circle 2	OPCL		9437012799		
17	Rajnish Agasthal	gm (stat)	Hindalco		9090090208	rajnish_agasthal@aditya birla.com	
18	Arvinda Maharana	Mngy (Cpro)	Hindalco		9090092345	aravinda.maharana@adityabirla.com	
19	S.K. Patra	Dir. mnt	WESCO		9437057208	sunjay.ost@emadco.com	
20	Sanjib Nataraj	Jm (elect)	SCITCL		9437959668	Sanjib.nataraj@gmail.com	
21	Aparna Rout	AE	Sochtho		943484868	aparna_rout@sochtho.com	
22	R. K. Sharma	AGM	JSL		9438258074	rksharma@jrdjindalsteel.com	
23	S.K. Mishra	DGM (OS)	NTPC		9438233207	skmishra05@ntpc.co.in	
24	I. B. N. Narain	Dy. Mngy (I)	OPPC		9437733014	ibn@oppc.com	
25	B. P. Goudaraj	Dy. Mngy	OPPC		9437630767		
26	A.N. Saha	DGM (COP)	OPPC		9437236505		
27	D.K. Manjiv	DGM (R.S)	RSP	88645-22248213	855151470	delipmanjiv@rscsbps.com	
28	A. S. Rao	Inf. Mngy (E&I)	OPCL	88645-22248213	9338715417	as.rao@oppc.com	

73rd Power System Operational Co-ordination Review Meeting

[At 11:30 A.M. on 19.02.2014]

[At Power Training Center, OPTCL, Chandaka, Bhubaneswar]

Sl. No.	Name	Designation	Organisation	Telephone No.	Mobile No.	E-mail Address	Signature
29	M Ananta Rao	Gen. Mgr	OPTCL	9438902008 254374		infateer@optcl.co.in	
30	Santamu Biswal	D.M.	- do -	9438907418		Santamu.biswal@gmail.com	
31	P. K. Rath	MGR	SLDC	9438907412		pk.rath@sls.com	
32	R. K. Swain	sr.mgr(E)	UPPC power	9437238314		rks@swain@diff.com	
33	D. P. KAR	D.M.	SLDC	9438907416		debjit@kar@yaho.com	
34	D. Behera	D.M.	SLDC	9438907417		dushasambelam@rediff.com	
35	P.K. Matapatra	D.M.	SLDC	9438907459		predeep.mahapatra@yaho.com	
36	H. K. Samantary	AGM(E)	ULDC power	9438907320		hamsikrupa@yaho.com	
37	J. K. Sanyal	AGM(E)	OPTCL (GRM)	9438907242		ele.jksanyal@optcl.co.in	
38	S. K. Das	Dy. Mgr (Gen)	OPTCL	9438907316		ele.santoshdas@optcl.co.in	
39	Sandeep Kumar Pattnaik	Dy. Mgr (E)	OPTCL	9438907245		sk.pattnaik@optcl.co.in	
40	C. R. Mishra	Dy. Mgr.	OPTCL	9438907305		ele.c.mishra@optcl.co.in	
41	H. Behera	Dy Mgr	OPTCL	9438907021		ele.hbehera@optcl.co.in	
42	A. K. Samantary	AGM(EBC), PT. &	GRIDCO	956164567		ele.a.k.samantary@gridco.co.in	

<u>S/No</u>	<u>Name</u>	<u>Designation</u>	<u>Organisation</u>	<u>Telephone No/ mobile No</u>	<u>Email Address</u>	<u>Signature</u>
43	M. K. Desh	S.G.M(GC)	OHPC Mullachiguda	06673252201 9437073301	symel-wihebepc@ktd.com	
44	P. R. Mishra	AGM (Comm)	SLDC	9438907402	ele.plemishra@slctomisa.org.in	
45	P. K. Des	AGM (FS)	SLDC	9125907408	Pravinkumar Deshpande (P. K. Des)	
46	Archana Sahar	Dy. Manager	SLDC	9438907420	archana-sahar@jshoo.com	
47	Sambhish Kumar Idm	Consultant	SLDC	9437000261	S.Sambhishda@reelitthmsi.com	



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 : .02.2014

From:

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

To:

As per distribution list

Sub: Minutes of 73rd Power System Operational Co-ordination meeting held on 19.02.14 at PTC, Chandaka.

Sir,

Please find enclosed herewith the minutes of 73rd Power System Operational Co-ordination meeting held on 19.02.14 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.

Distribution list

1. The Director (Commercial), Gridco, Bhubaneswar
2. The Director (Operation), OHPC, Bhubaneswar
3. The CGM (O & M), OPTCL, Bhubaneswar
4. The CGM (Const.), OPTCL, Bhubaneswar
5. The CGM (IT), OPTCL, Bhubaneswar
6. The Sr. G.M (C.P), OPTCL, Bhubaneswar
7. The Sr. G.M (TP&C), OPTCL, Bhubaneswar
8. The Sr. G.M., (RT&C), OPTCL, Bhubaneswar
9. The Sr. G.M. (CPC), OPTCL, Bhubaneswar
10. The Sr. G.M (PP), GRIDCO, Bhubaneswar
11. The Member Secy., (GCC), OPTCL, Bhubaneswar
12. The C.O.O., CESU, Bhubaneswar
13. The M.D., WESCO, Burla
14. The M.D., NESCO, Balasore
15. The MD., SOUTHCO, Berhampur
16. The G.M. (Telecom), OPTCL, Bhubaneswar
17. The Vice President (O), IMFA, Choudwar
18. The D.G.M (Electrical), IbTPS, OPGC, Banharpali
19. The G.M. (O &M), CPP, NALCO, Angul
20. The DGM (O & M), NTPC (TTPS), Talcher
21. The D.G.M, HINDALCO, Hirakud
22. The D.G.M (Power Distribution), RSP, Rourkela
23. The Manager (Elect.), JINDAL Stainless Ltd, Duburi
24. The G.M, Vedanta Aluminium Ltd., Jharsuguda
25. The G.M.(Elect.), Bhushan Steel & Power Ltd, Budhipadar
26. The Sr. G.M. (Elect.), Bhusan Steel Limited, Meramundali
27. The S.E, Machhakund