

# Odisha Power Transmission Corporation Ltd.Bhubaneswar.

## Minutes of 71<sup>st</sup> PSOC meeting held on 27.09.2013 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 71<sup>st</sup> Power System Operational Coordination meeting and highlighted the system performance during the month of August'13 and overall power scenario of the State. He also emphasized the over drawal 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 70<sup>th</sup> PSOC meeting held on 30.08.13**

The minutes was circulated vide letter No 2374<sup>(27)</sup> dated 21.09.13 to all the members and also uploaded in SLDC website.

Since no comments were received, members may confirm the minutes.

#### **Deliberation in the meeting**

Minutes of 69<sup>th</sup> PSOC meeting was confirmed.

### PART B : SYSTEM PERFORMANCE

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

##### **(A) Frequency**

It was noticed that 67.11% of times the frequency remained in the band of 49.70Hz–50.20Hz (IEGC band) in comparison to 83.20 % during the month July'13. The maximum and minimum System frequency during the month of August'13 was 50.74 Hz & 49.39 Hz respectively.

##### **(B) Grid demand**

Grid demand for the month of **August'13** was reviewed. The energy consumption during the month was 2103 MU. The maximum System demand of **3567 MW** occurred on 13.08.13 at **22:00 Hrs** and minimum demand of **2240 MW** occurred on **01.08.2013** at **14:00 Hrs**.

##### **Deliberation in the meeting**

It is observed that, the peak demand during the month of **August'13** has been decreased by **11 MW** from that of **July'13**. The energy consumption during the month has been increased by **24 MU** in comparison to **July'13** and increased by **167 MU** in comparison with **August'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 **August'13** was reviewed. It is noticed that **Jayanagar** 220 kV bus were experienced a maximum voltage of **252 kV** and minimum Voltage of **210 kV** has been experienced at **Narendrapur, Balasore, Bidanasi & Bhadrak** 220 kV bus.

### **Deliberation in the meeting**

Maximum voltage at Jaynagar was occurred due to under loading of long transmission lines & VAR flow from Jeypore PG end due to inadequate reactor capacity at Jeypore (PG). This issue is to be raised in the ensuing OCC meeting of ERPC.

The VAR flow from Jeypore PG has also to be monitored and reported to ERLDC.

[Action: SLDC]

### **(D) Energy Generation / import during the month of August'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 2103.35MU.

### **(E) Drawal of Machhakund Power**

The hourly drawal of Machhakund power during the month of July'13 was reviewed. The average drawal during August'13 was 26 MW.

### **(F) DISCOM Drawal during the month of August'13**

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

### **Deliberation in the meeting**

It was noticed that that the Discoms have drawn 2070.559 MU against schedule of 1921.60 MU during the month. The total over drawal quantum by all Discoms was 148.959 MU out of which CESU has overdrawn the maximum of 70.362 MU followed by NESCO 58.325 MU, Southco 30.194 MU, whereas WESCO has under drawn by 10.274 MU. In the last meeting the Discoms were requested to furnish their drawal in a realistic manner, which is yet to be complied.

Director (Commercial) stated that the Discoms are deliberately furnishing lower schedule and taking the opportunity of high frequency condition. Such activity of the Discoms shall be considered as gaming. SLDC stated that due to un-realistic schedule of Discoms, generation dispatch planning could not be prepared properly and forced to overdraw from the Grid, which is not being allowed by ERLDC and creates a bad image in the National level. Further the over drawal of bulk consumers like BSL, RSP are not been considered by the Discoms while scheduling. It is also noticed that during peak hours ABT cell of CESU is not answering the phone call of SLDC.

It was decided that SLDC will compare the day ahead drawal schedule with the actual average drawal of past seven days of the discoms and prepare the drawal schedule in a realistic manner. Director (Commercial) advised SLDC to issue non-compliance message to Discoms and report to OERC as well as ERLDC.

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

NESCO stated that actual drawal of Discoms indicated by SLDC are including the OA transactions, considering which, their actual over drawal would have been less. SLDC agreed to separate the same.

[Action:-SLDC/All Discoms]

## **PART C: NEW ISSUES**

### **Item No: C1 Compliance of decisions of 89<sup>th</sup> ERPC meeting held on 10.09.2013**

#### **i) Review of load relief under various stages of UFR**

OPTCL has identified the feeder at different Voltage levels to be covered under four stages of UFR (as annexed). Implementation of the scheme has to be made by 30<sup>th</sup> September'13.

#### **Deliberation in the meeting**

CGM (O&M) stated that most of the identified feeders have been covered under UFR at different stages. Implementation of the scheme shall be completed by 30<sup>th</sup> September'13.

**[Action:-CGM (O&M)]**

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

In the 89<sup>th</sup> OCC meeting of ERPC OPTCL informed that, construction of second 220 kV D/C Jeypore-Jaynagar line is under progress which shall be completed within a year. ERLDC informed that Balimela and U. Kolab generation is contributing the sensitivity factor of the order of 30-40 % for loading of 220 kV D/C Jeypore-Jaynagar line. Therefore, OPTCL may plan for regulation of generation in Balimela and U. Kolab Stations during overloading of the said line. OPTCL informed that the situation can be improved by putting two units of Indravati in the 400kV bus by split bus arrangement. OPTCL requested OCC of ERPC to design the SPS for said line and same can be discussed for implementation. OCC requested ERLDC to design a SPS for OPTCL system and place before next OCC.

#### **Deliberation in the meeting**

SLDC stated that it was deliberated in the 89<sup>th</sup> 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 1<sup>st</sup> 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 to place the same before the 90<sup>th</sup> OCC meeting of ERPC again.

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

#### **iii) Commissioning of RTU at Machhakund PH**

It was deliberated in the 89<sup>th</sup> OCC meeting that commissioning of RTU at Machhakund will be completed by end of September'13.

#### **Deliberation in the meeting**

GM (Telecom) stated that all the materials have been reached at site. It is expected to complete the commissioning of RTU by 1<sup>st</sup> week of October'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 89<sup>th</sup> 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 NALCO have forwarded the drawings for approval. Commissioning of RTU at NALCO is expected by end of January'14.

[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**

CGM (O&M) stated that isolator and breaker problem at Rengali Switchyard S/S have been rectified. SLDC may go ahead with the mock drill of black starting Rengali units.

OHPC stated that the DG set at Upper Kolab has been commissioned.

It was decided that SLDC shall prepare the detail procedure and communicate to OHPC and O&M before 15 days of the date of mock exercise.

Director (Commercial) advised that black start and islanding scheme is a vital issue. All the major CGPs in the State should ensure healthiness of their respective islanding scheme and intimate to SLDC. SLDC stated that the healthiness of islanding scheme received from major CGPs has already been submitted to ERPC.

[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**

OHPC stated that they have already sent the DPR to ERPC. CGM (O&M) stated that the DPR in respect of OPTCL shall be forwarded soon.

[Action:-CGM (O&M)]

**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 will reach at their site by September. The work is expected to be completed by October'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 ready and shall be charged any time.
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	Materials procured
13	M/s Rohit Ferrotech	Materials procured

[Action:-G.M (Telecom)]

### Item No: C3 Issues from last OCC meeting.

#### **CESU:**

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

#### **Deliberation in the meeting**

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

[Action:-CESU]

#### **NESCO:**

- i) Commissioning of 3<sup>rd</sup> 100 MVA Auto Transformer at Joda Grid Sub Station.
- ii) M/s Balasore Alloys and Auto Transformer No. II 100 MVA are on the same breaker which need to be separated.
- iii) Upgrading of Power transformer at Anandapur and Basta grid
- iv) Frequent interruption and time lagging of ABT data in ABT Dashboard
- v) Deliberately enhancement of allotment in the drawal schedule
- vi) Providing Block wise drawal of energy through Open Access

#### **Deliberation in the meeting**

CGM (O&M) stated that. Commissioning of 3<sup>rd</sup> 100 MVA Auto at Joda is expected by end of October'13.

Action has already been taken for construction of 3<sup>rd</sup> bay at Balasore Grid S/S for separation of Balasore Alloy feeder, which will take one year.

Action has already been taken for procurement of transformer, till such time some area load of Anandapur may be diverted to Jajpur Rd Grid.

Work order for construction of 132 kV line from Jaleswar to Baripada(PG) has already been placed, which will take one and half year time. On commissioning of the said line, Up-gradation of Basta S/S shall be made.

SLDC stated that ABT related issues raised by NESCO had already deliberated in the last PSOC meeting.

[Action:-CGM (O&M)]

**WESCO:**

- i) Payment of BST bill as per actual drawal and UI charges in additional.  
Enhancement of drawal schedule
- ii) Scheduling more than requisition.
- iii) Allocation of power more than the SMD approval by OERC.

**Deliberation in the meeting**

SLDC stated that regarding payment as per actual energy drawal and UI charges the matter may be taken up with Gridco separately.

The procedure of scheduling to all the Discoms has already been deliberated in the last PSOC meeting. WESCO has earlier drawn power beyond the SMD. However the actual drawal against the schedule and requisition shall be examined and deliberated in the next meeting.

[Action:-WESCO & SLDC]

**SOUTHCO:****Adjustment of UI bills considering Machhakund drawal**

Southco wanted to allocate Machhakund power separately in addition to their entitlement. SLDC suggested to take up the matter with OERC.

**Deliberation in the meeting**

SLDC stated that addition of Machhakund schedule separately and deducting from the drawal shall make no difference in the UI charge of Southco.

**ABT related issues**

- i) Availability of ABT Dash board data in complete shape.
- ii) Erroneous data for some S/S drawal
- iii) More entitlement schedule than the requisition.

**Deliberation in the meeting**

SLDC stated that the above issues were raised by Southco in the last PSOC meeting, which has already been deliberated by SLDC. Southco was requested not to repeat old issues, rather may raise new issues.

[Action:-SLDC, Southco]

**PART D: OPERATIONAL PLANNING****Item No: D1 Operational Constraints.****Non-functioning of isolator at Rengali Switchyard S/S.****Deliberation in the meeting**

CGM (O&M) stated that the isolator problem at Rengali Switchyard S/S has already been rectified.

**Item No: D2 Non-functioning of breakers and relays at Theruvali Grid S/S.****Deliberation in the meeting**

CGM (O&M) stated that Breakers have already been issued to Theruvali S/S. Replacement will be started in the month of October'13.

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

Sr. G.M (TP&C) may update the status of following new transmission elements.

Commissioning of

- i) 220 kV Jayanagar-Jeypore 2<sup>nd</sup> DC line
- ii) 400 kV Maramundali-Mendhasal 2<sup>nd</sup> ckt.
- iii) Bolangir New-Bolangir(PG) line.
- iv) 132 kV Bidanasi-Cuttack line

**Deliberation in the meeting**

Sr.GM (TP&C) stated that

- i) Commissioning of 220 kV Jayanagar-Jeypore 2<sup>nd</sup> DC line will take one year.
- ii) Commissioning of 220 kV Meramundali-Memdhasal 2<sup>nd</sup> ckt work has already been started and expected to be completed by end of December'13.
- iii) Commissioning of Bolangir (N)-Bolangir(PG): Tendering work under progress.
- iv) Commissioning of 132 kV Bidanasi-Cuttack line: work is in progress and expected to be completed by March 2014.

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

**Item No: D4 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.

ERPC also expressed their displeasure for not representing Protection subcommittee meeting of ERPC by OPTCL.

**Deliberation in the meeting**

CGM (O&M) assured to analyze the incidents in the protection sub-committee meeting, which will be convened before the protection sub-committee meeting of ERPC. SLDC shall coordinate.

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

**Item No:D5 Major Events in the month of August'13.**

11.08.2013: 2 X 12.5 MVA Purusottampur Grid sub-station commissioned.

14.08.2013: 2 X 12.5 MVA Chandpur Grid sub-station commissioned.

29.08.2013: # 6 of JSPL, Angul synchronized.

[Members to Note]

**Item No: D6 UFR operation in OPTCL System during the month of August'13.**

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

[Members to Note]

**Item No: D7 Important Grid Incidences during the month of August & September'13**

- (I) On 02.08.13 at 18:24 hrs , 220 kV Meramundali-TTPS-I & II, 220 kV Meramundali-NALCO Ckt-I& II, 220 kV Meramundali-Duburi Ckt-I & II, 220 kV Meramundali-BSSL Ckt-I & II, 220 kV side of ICT-I & II, 132 kV side of Auto-I & II, 400 kV Meramundali-Angul Ckt tripped at Meramundali. 220 kV Meramundali- Bhanjanagar Ckt-II tripped at Bhanjanagar. On investigation it was found that the tripping took

place due to inadvertent attempt by a workman to discharge a live section and consequent bus fault.

- (II) On 17.09.13 At 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.

#### **Deliberations in the meeting**

It was decided to analyze all incidents in the Protection Sub Committee meeting of OPTCL which shall be convened before the Protection sub Committee meeting of ERPC.

**[Action: CGM (O&M)]**

#### **Item No: D8 Outage of major transmission Lines / Elements during the month of August'13 (for more than 10 hours).**

Sl No	Transmission lines	Tripping Dt/time	Restoration Dt/time	Reason
1	220 kV Budhipadar-Korba Ckt-III	08.08.13 02:30	09.08.13 13:11	'R' ph conductor snapped at Loc. No-164.
2	132 kV Burla-Budhipadar Ckt-II	12.08.11 23:11	13.08.13 14:27	'Y' ph jumper snapped at Loc. No-161
3	220 kV Joda-TTPS Ckt-II	14.08.13 12:04	15.08.13 17:53	Line patrolling was done but no fault found.
4	132 kV Burla-Budhipadar Ckt-I	16.08.13 23:25	18.08.13 14:30	'Y' ph and 'B' ph conductor snapped at Loc. No-106
5	220 kV Tarkera-Barkote Ckt	17.08.13 19:19	19.08.13 13:31	'R' ph insulator damaged at Loc. No-437.
6	220 kV New Duburi-Duburi Ckt-I	20.08.13 20:15	21.08.13 13:30	'R' ph CVT burnt at New Duburi end.
7	132 kV Duburi-Jajpur Road Ckt-I	22.08.13 18:35	23.08.13 22:06	'R' ph conductor snapped at Loc. No-311
8	220 kV New Duburi-Paradeep Ckt-I	24.08.13 22:31	25.08.13 18:00	'R' ph insulator damaged at Loc. No-357
9	220 kV New Duburi-Paradeep Ckt-I	25.08.13 18:03	26.08.13 17:20	'Y' ph insulator damaged at Loc. No-269
10	220 kV New Duburi-Paradeep Ckt-I	26.08.13 22:32	27.08.13 15:16	'Y' ph insulator damaged at Loc. No-370
11	132 kV Burla-Budhipadar Ckt-II	27.08.13 17:10	31.08.13 20:14	'Y' ph CT burst at Burla PH end.

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 of insulators by Long Rod insulators in Paradeep area to avoid failure in future.

**[Action: CGM (O&M)]**



**Item No:D9 Review of Outage Program of State Generators / Transmission elements for the month of September & October'13:**

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

Sl.	Station	Unit	September'13	
1	Ib TPS	# 1	24.08.13 to 10.10.13	Annual Overhauling
2	TTPS	# 4	22.09.13 to 06.10.13	Annual Overhauling
3	Burla	# 6	10.04.13 to 15.10.13	Heavy leakage from turbine shaft seal with vibration in the shaft
		# 5	14.09.13 to 31.10.13	Intake gate & GT problem
4	Balimela	# 1	31.01.13 to 31.10.13	Thrust bearing problem
		# 3	06.08.13 to 15.10.13	PMG problem
		# 7	17.09.13 to 30.09.13	Shear pin problem
5	TTPS	# 1	19.10.13 to 02.11.13	Annual Overhauling

IBTPS representative did not attend the meeting for deliberation.

[Action: IBTPS]

**Item No: D10 Generation Program for the month of September & October'13.**

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

Name of Hydro Gen. Station	Generation Programme (MW)		Reservoir Level as on 01.09.13	Reservoir Level as on 24.09.13	MDDL	High Flood Reservoir Level
	Sept'13	Oct'13				
HPS, Burla	170+50	150+50	623.65 ft	629.25 ft	590 ft.	630 ft.
Balimela	350	300	1510.60 ft	1511.70 ft	1440 ft.	1516 ft.
Rengali	240	100	121.01 mt	121.68 mt	109.72mtr	123.5 mtr.
U.Kolab	160	100	854.46 mt	854.92 mt	844 mtr	858 mtr.
U.Indravati	570	400	640.11 mt	640.21 mt	625mtr	642 mtr
MKD (O/D)	30	30	2744.00ft	2746.50 ft	2685 ft.	2750 ft.
<b>TOTAL</b>	<b>1570</b>	<b>1130</b>				

**Deliberations in the meeting**

Director (Commercial) suggested that Views of Gridco should be considered while preparing hydro schedule by OHPC. He further advised to maintain Hydro schedule at 800 MW unless otherwise in contingency conditions. OHPC stated that they have considered all downstream requirements while preparing the generation schedule for the month. Views of Gridco shall be considered while finalizing Hydro schedule. Gridco wanted the tentative generation schedule for the remaining period of the Water year and OHPC agreed to forward the same.

OHPC was requested to furnish the month ahead generation schedule before 25<sup>th</sup> of the month.

[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**

Director (Commercial) and CGM (O&M) has appreciated the proposal. It was decided that CGM (O&M) shall place a proposal to provide CUG connectivity to all the Grid S/Ss before Director (HRD), OPTCL for necessary action.

**[Action: CGM (O&M)]**

### **Item No: E2 Representation in the PSOC meeting.**

It is noticed that sometimes junior level officers are representing the PSOC meeting without any decision taking capacity. Since this is a State level meeting, Members are requested to nominate senior level officers who can pursue the decisions to the authority.

### **Item No: E3 Date and Venue of the next (72<sup>nd</sup>) PSOC meeting:**

The 72<sup>nd</sup> PSOC meeting is proposed to be held at the same venue in the 3<sup>rd</sup> week of October'13. The details shall be intimated to all the members.

**Meeting ended with Vote of thanks by AGM, SLDC.**

71st Power System Operational Co-ordination Review Meeting

[ At 11:30 A.M. on 27.09.2013 ]

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

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**STATE LOAD DESPATCH CENTER**  
**OFFICE OF THE Sr. GENERAL MANAGER (POWER SYSTEM)**  
**ORISSA POWER TRANSMISSION CORPORATION LTD.**  
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**No. SGM(PS)-PL-15/2007(VOL .-V) /**

**Dated : .09.2013**

From:

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

To:

As per distribution list

**Sub: Minutes of 71<sup>st</sup> Power System Operational Co-ordination meeting held on 27.09.13 at PTC, Chandaka.**

Sir,

Please find enclosed herewith the minutes of 71<sup>st</sup> Power System Operational Co-ordination meeting held on 27.09.13 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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