

Odisha Power Transmission Corporation Ltd.  
Bhubaneswar.



*Agenda*  
*for*  
*77<sup>th</sup> Power System Operational Coordination Meeting*

Date: 28.08.2014  
Venue: PTC, Chandaka

# Odisha Power Transmission Corporation Ltd. Bhubaneswar.

<b>Agenda for 77<sup>th</sup> PSOC Meeting to be held on 28.08.14 at PTC, Chandaka</b>
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## A1: Confirmation of the minutes of the 76<sup>th</sup> PSOC Meeting held on 16.07.2014

The minutes of meeting was circulated vide letter No. SGM (PS)-PI-15/2007(Vol.-VI)-2150<sup>(27)</sup>, dated 26.07.2014 to all the members and also uploaded in the SLDC website. No comment has been received from any of the members.

*Members may offer their comments. If there is no comment, the minutes of the meeting may please be confirmed.*

## PART B: GRID PERFORMANCE

### B1: Review of Grid Performance for the month of June'14 & July'14.

#### (A) Frequency:

#### Hourly frequency variation for the month of June'14 & July'14.

Month	% of time frequency remained					
	<49.00	49.00-49.70	49.70-49.90	<b>49.90-50.05</b>	>50.05	49.70-50.05
June'14	0.00	4.33	31.37	<b>45.18</b>	19.12	76.55
July'14	0.00	3.30	30.13	<b>49.94</b>	16.63	80.07

#### Maximum & Minimum frequency during the month of June'14 & July'14

Month	Freq (Hz)	Date	Time
June'14	Maximum – 50.71	03.06.14	12:59 Hrs
	Minimum – 49.06	03.06.14	12:38 Hrs
July'14	Maximum – 50.37	30.07.14	04:03 Hrs
	Minimum – 49.43	10.07.14	19:51 Hrs

#### (B) Grid Demand for the month of June'14 & July'14

Month	Demand	Maximum Consumption		Maximum Demand			Minimum Demand		
	MU	MU	Date	MW	Date	Time	MW	Date	Time
June'14	2190	79.48	05.06.14	3723	05.06.14	21:00	2043	17.06.14	19:00
<b>July'14</b>	<b>2139</b>	<b>74.01</b>	<b>09.07.14</b>	<b>3644</b>	<b>06.07.14</b>	<b>21:00</b>	<b>2110</b>	<b>21.07.14</b>	<b>04:00</b>
July'13*	2079	72.35	20.07.13	3578	20.07.13	21:00	2180	30.07.13	04:00

**Members may please discuss.**

*\*\*The grid demand is calculated from the generation-exchange figures basing on instantaneous meter readings at STPS-TTPS, STPS-Duburi, STPS-Rengali & Indravati Generation and average meter reading of the rest.*

In the 75<sup>th</sup> PSOC meeting it was decided that the Discoms shall furnish their average daily energy requirement for each month considering the annual energy drawal approved in their respective ARR in the format specified, so that, monthly generation and exchange can be planned suitably. All Discoms have agreed to furnish the same before 76<sup>th</sup> PSOC meeting. The same is yet to be received by SLDC.

**DISCIOMS may please discuss.**

**(C) Voltage Profile of 220 KV Buses in OPTCL system for the month of July'14**

Sl. No	S/s Name	Maximum			Minimum		
		kV	Day	Time	kV	Day	Time
1	Jayanagar	250	2	13	227	13	8
2	Theruvalli	248	2	13	220	18	6
3	Bhanjanagar	230	2	2	212	17	20
4	Chandaka	229	4	6	211	17	20
5	Narendrapur	246	11	13	192	23	21
6	Joda	235	12	19	220	9	21
7	Tarkera	235	3	6	222	12	21
8	Bhadrak	241	21	3	205	7	22
9	Paradeep	235	20	10	202	7	21
10	Budhipadar	244	29	22	216	8	24
11	Duburi	240	21	1	214	10	22
12	Balasore	240	16	10	210	6	20
13	Meramundali	230	2	6	218	14	19
14	Bidanasi	231	20	5	210	5	20
15	Katapalli	239	22	4	221	16	19
16	Nayagarh	233	4	7	215	17	19
17	Mendhasal	234	4	7	217	1	19
18	Bolangir	238	29	9	205	17	20

The maximum voltage of 250 kV occurred at Jayanagar Grid Sub-station while Narendrapur 220 kV bus has experienced the minimum Voltage of 192 kV. Even though Jeypore ICT tap has been lowered by POWERGRID, Voltage at Jayanagar S/S is still remaining high. The Volt meter at Jayanagar S/S needs to be checked.

*Members may discuss.*

**(D) Energy Generation / Import during the month of July'14**

Source of Power	Energy (MU)
Thermal (TTPS+IB)	494.65
OHPC Stations including Machhkund share	444.63
IPP & CGP Support	363.44
ISGS drawal	836.10
<b>TOTAL</b>	<b>2138.81</b>

**(E) Drawal of Machhakund Power**

The drawal of Machhakund power during the month of **July'14** was **34.917 MU** against total generation of **68.621 MU (AP drawal: 30.357 MU)**.

In the last meeting, Southco agreed to propose construction of new 33 kV line in their CAPEX plan, so that drawal from Machhakund PH can be optimized. Interconnection of Digpahandi S/S and Mohana S/S at 33 kV level by connecting 33 kV Podamari feeder (at present connected to Digpahandi S/S) with Mohana S/S may be explored. SLDC shall convene a meeting at Jayanagar to examine the ground realities for optimization of Machhakund drawal.

*SLDC / SOUTHCO / OPTCL may deliberate.*

**(F) DISCOM Drawal up to the month of July'14**

Name of DISCOM	MONTH	Approved Energy Drawal Prorated for the month (MU)	Scheduled Energy (MU)	Actual Energy Drawal (MU)	Open Access Import Schedule (MU)	Net Energy Drawal (MU)	Overdraw (MU)
		1	2	3	4	5=(3-4)	6=(5-2)
CESU	Apr' 14	743.014	761.656	765.241	2.347	762.894	1.238
	May' 14	767.781	762.550	789.927	2.340	787.587	25.037
	June' 14	743.014	723.533	757.041	2.368	754.673	31.14
	<b>July'14</b>	<b>767.781</b>	<b>697.006</b>	<b>714.674</b>	<b>2.984</b>	<b>711.69</b>	<b>14.684</b>
WESCO	Apr' 14	560.548	597.757	631.236	17.912	613.324	15.567
	May' 14	579.233	636.485	649.787	21.920	627.867	-8.618
	June' 14	560.548	582.247	630.606	9.702	620.904	38.657
	<b>July'14</b>	<b>579.233</b>	<b>546.269</b>	<b>611.128</b>	<b>27.784</b>	<b>583.344</b>	<b>37.075</b>
NESCO	Apr' 14	438.082	425.340	464.947	23.735	441.212	15.872
	May' 14	452.685	414.293	475.678	19.668	456.01	41.717
	June' 14	438.082	391.799	458.494	33.207	425.287	33.488
	<b>July'14</b>	<b>452.685</b>	<b>398.217</b>	<b>476.175</b>	<b>31.676</b>	<b>444.499</b>	<b>46.282</b>
SOUTHCO	Apr' 14	274.521	286.062	275.008	0.000	275.008	-11.054
	May' 14	283.671	291.135	278.532	0.000	278.532	-12.603
	June' 14	274.521	264.148	269.739	0.000	269.739	5.591
	<b>July'14</b>	<b>283.671</b>	<b>252.704</b>	<b>265.791</b>	<b>0.000</b>	<b>265.791</b>	<b>13.087</b>

*\*The above figures are as per EBC data. Energy drawal by SOUTHCO are excluding of energy consumed by NALCO at Damanjodi and IMFA at Theruvali.*

**PART C – issues raised in the 100<sup>th</sup> OCC meeting of ERPC**

**C1: Automatic Demand Management Scheme (ADMS)**

**Item no. B.7: Implementation of Automatic Demand Management Scheme (ADMS) in compliance of CERC order dated 25/04/2014 on sue-motu petition no. SM/005/2014**

The commission in its order dated 25.04.14, directed the Officers-in-Charge of the respondents State Transmission Utilities/State Load Despatch Centres to show cause, latest by 15.5.2014, as to why action under Section 142 of the Electricity Act, 2003 should not be taken against them for non-compliance with our directions and the provisions of the Act and the Grid Code with regard to implementation of the Automatic Load Management Scheme.

OCC may deliberate in detail regarding guidelines towards implementation of ADMS in the state system.

**Members may deliberate.**

SLDC has filed its reply before CERC on 28.06.2014 enclosing the feedback received from CESU and NESCO, which has been mailed to all the DISCOMs & OPTCL. Feedback from SOUTHCO is yet to be received and may be submitted on 28.08.14.

Southco intimated that Work Order has been placed with M/s PRDC, Bengalur for preparation of DPR on SCADA implementation in their control area.

**C2: Charging of Line Reactor at Meramundali**

**Item no. B.10.6: Status of 80MVAR Line Reactor of 400kV Meramundali-Angul at Meramundali**

CGM (O&M) may please deliberate the status of procurement of relay required for charging the reactor at Meramundali sub-station.

**C3: Mock Black start exercises**

**Item no. B.21: Mock Black start exercises in Eastern Region – ERLDC**

**The status of black start exercises**

In 97<sup>th</sup> OCC, tentative schedule of Black Start for 2014-15 exercise was confirmed by the constituents. In 100<sup>th</sup> OCC, the following generators are scheduled for black start:

- i. xxxxxxxxxxxx
- ii. Rengali HEP :- August, 14
- iii. U. Indravati HEP :- August, 14

Mock black start exercise for Rengali HEP could not be conducted in scheduled time due to non-receipt of reply from O&M regarding readiness of Rengali Switch-yard S/S for breaker/isolator operation for the exercise. The exercise for Indravati HEP was also postponed in order to maintain average generation of Indravati.

*CGM(O&M) may please deliberate.*

**C4: Commissioning of new transmission elements.**

**Item no. C.4: Information regarding commissioning of new transmission element**

1. 765/400 KV, 3X500 MVA ICT-II at Jhasuguda was charged for the first time at 19:10 HRS on 03.07.14.
2. 765KV Bus-II at Jhasuguda was charged for the first time at 20:05 Hrs of 03.07.14.
3. 3x80 MVAR B/R-II at Jhasuguda was charged for the first time at 20:43 Hrs of 03.07.14.
4. 765 KV Jhasuguda-Dharamjaygarh-I was charged for the first time at 00:00Hrs of 29/07/14.
5. 765 KV Jhasuguda-Dharamjaygarh-II was charged for the first time at 16:00 Hrs of 29/07/14.
6. 765 kV Ranchi-Dharamjaygarh-Sipat Inter-Regional Transmission Link was also charged.

*For information of Members*

**PART-D – Operational Issues**

**D1: Non-compliance of drawal schedule by DISCOMs**

It is noticed that all the Discoms were overdrawing most of the times even at adverse frequency condition in spite of repeated instructions issued by SLDC. Such overdraw by DISCOMs reflects in the State's drawal from grid for which ERLDC is issuing messages frequently. Also, GRIDCO is forced to pay the deviation charges to the tune of Rs 10/- to Rs.16/- per unit for the overdrawal as per CERC Regulation.

*Discoms may please deliberate.*

**D2: Non-compliance of directions of SLDC by OHPC station.**

It is noticed that Balimela HEP is not complying the directions of SLDC for backing down of generation very often. Such action at times leads to under drawal of ISGS share at high frequency conditions by paying deviation charges and also other operational constraints. All the hydro stations may be instructed to comply with SLDC direction, specifically during off peak hours (00:00 to 06:00 Hrs).

*Members may please discuss*

**D3: 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**

In the last PSOC meeting, A.G.M. (Telecom) stated that tendering for the work is under process. The work is expected to be completed by October 2014.

*G.M. (Telecom) / Sr. G.M. (CPC) may please update the status.*

**D4: Prolonged outage of transmission elements**

In the last PSOC meeting, CGM (O&M) stated that 220kV Meramundali-Kaniha ckt.-I, under prolonged shutdown shall be brought into service after replacement of CT at Meramundali.

*C.G.M. (O&M) may please update the status.*

**D5: Communication issues****(I) Installation of communication equipment by CGPs / Industries.**

The status of data communication from CGPs as follows

Sl. No	Name of CGP	Present status
1	M/s FACOR Power Ltd.	PLCC is under testing. SCADA yet to be established.
2	M/s Sri Ganesh Metalicks Ltd.	CVT, WT are installed at OPTCL switching sub-station, Kuanarmunda. PLCC equipment are yet to be procured.
3	M/s Shalivahan Green Energy Ltd.	Penalty is imposed by OERC.
4	M/s IFFCO, Paradeep	PO issued by CPC for procurement of PLCC / SCADA. Inspection of PLCC / SCADA is completed.
5	M/s MSP Mettalicks	RTU is commissioned. Database has been prepared and will be integrated within June 2014.
6	M/s Narbheram	BOQ issued on 06.07.12. At present the CGP is connected through 33 kV line.
7	M/s NINL, Duburi	Yet to be established. Matter has been intimated to GCC.
8	M/s Balasore Alloys	Procurement action for PLCC / SCADA is under process.
9	M/s Adhunik Metalics	Database preparation could not be initiated due to non-submission of SLD. PLCC is not commissioned. RTU is not installed.
10	M/s Rohit Ferrotech	Not yet procured.
11	M/s NALCO	Commissioning of PLCC / SCADA is yet to be done.
12	M/s VAL, Jharsuguda	Status point not available as intimated by ERLDC.

In the last meeting, it was decided that GCC shall convene a meeting with all the defaulting CGP for their views in this regard and shall intimate to OERC for necessary action as directed by CERC in their order dated 19.12.2013 in Petition No. 56/SM/2013.

**(II) Availability of Tap position of 400kV ICTs at Mendhasal.**

Tap position data for Mendhasal ICTs are not available for display through SCADA. ERLDC raised this issue in 100<sup>th</sup> OCC meeting of ERPC held on 22.08.2014.

*GCC / GM (Telecom) may deliberate and update the status.*

**D6: DISCOM Issues.**

**(1) SOUTHCO:**

1. SOUTHCO has raised certain issues like
  - a. Power supply to Sunabeda HAL from NALCO, up gradation of Purusottampur S/S. Replacement of 220/33kV, 20MVA transformer at Balimela sub-station which failed on 29.07.2014
  - b. ABT related issues: providing all data in dash board as data from Berhampur, Narendrapur, Chatrapur, Aska are not being displayed since PHILINE, suspension of ABT during low generation period and correctness of drawal data.
  - c. Approved schedule in some days during the month of August is higher than the requirement.

*Members may please discuss.*

**PART E: OPERATIONAL PLANNING**

**E1: Commissioning status of New Transmission elements.**

As deliberated in the last meeting the status of commissioning of new transmission elements is as follows:

Sl. No	Details of transmission element	Present Status
1	Commissioning of 220 kV Jayanagar-Jeypore 2 <sup>nd</sup> DC line	Work has already been started. Expected to be completed by June 2015.
2	Commissioning of 400 kV Meramundali-Mendhasal 2nd ckt	Line is ready and shall be charged after commissioning of 3 <sup>rd</sup> ICT at Mendhasal for which work order / PO issued. (October-2015)
3	Commissioning of 400 kV Ib-Meramundali D/C line.	400kV Lapanga-Meramundali line to be charged by August 2014. 400kV Ib-Lapanga line is expected to be commissioned by December' 14.
4	Commissioning of 400 kV Duburi-Meramundali D/C line.	
5	Commissioning of 220 kV Bidanasi-Cuttack line	Work in progress and expected to be completed by June 2015.
6	Commissioning of 220/132 kV Cuttack S/S	Work in progress and expected to be completed by June 2015.
7	Commissioning of 132 kV Baripada (PG)-Jaleswar line	Work has already been started, which will be completed by December 2015.
8	Commissioning of 220/132 kV Kesinga S/S	Work under progress. Expected by September 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 be completed by June 2015.

10	Commissioning of Bolangir New-Bolangir(PG) line	220 kV Burla - Bolangir D/C line will be made LILO at Bolangir (PG).
11	LILO of 220 kV Burla - Bolangir line at Bolangir(PG)	Work awarded. Expected to be completed by Nov, 2014
11	220 kV Bolangir (PG) –Kesinga S/C line through LILO of 220 kV Bolangir- Kesinga line.	220kV Bolangir – Kesinga D/C line is under construction. It is proposed to connect Bolangir (PG) through LILO arrangement on completion of the line. (December-2015)

***CGM (Construction) may please update the status***

All Discoms were requested to intimate their action plan for development of 33 kV infrastructure for power drawal from the S/Ss expected to be commissioned in near future.

Sl. No	Name of the sub-station	Probable month of commissioning	Name of DISCOM
1	132/33kV Banki sub-station	Aug-14	CESU
2	132/33kV Konark sub-station	Mar-15	CESU
3	132/33kV Samuka beach sub-station	Mar-15	CESU
4	132/33kV Khajuriakota sub-station	Dec-14	CESU
5	132/33kV Sarasmal sub-station	Oct-14	WESCO
6	132/33kV Kalunga sub-station	Oct-14	WESCO
7	220/33kV Banei sub-station	Dec-14	WESCO
8	132/33kV Boudh sub-station	Aug-14	SOUTHCO
9	132/33kV Dabugaon sub-station	Dec-14	SOUTHCO
10	132/33kV Umerkote sub-station	Mar-15	SOUTHCO
11	132/33kV Nuapada sub-station	Aug-14	WESCO
12	132/33kV Padmapur sub-station	Dec-14	WESCO
13	132/33kV Udala sub-station	Mar-15	NESCO
14	132/33kV Somanathpur sub-station (Near Balasore)	Oct-14	NESCO

Southco intimated that 33 kV Boudh and Purunapatna feeder for power drawal Boudh S/S, 33 kV Dabugaon and Jharigaon feeder for drawal from Dabugaon S/S and 33 kV Dabugaon feeder for Umerkote S/S work in progress.

***Other Discoms may please deliberate***

**E2: Metering issues.**

Installation of energy meters already released by CGM (O&M) for Hydro Stations, traction sub-stations, Joy Iron Steel Limited, REHPL (solar) and feeders emanating from Burla power house. In the last meeting CGM (O&M) stated that M/s Secure Meters will start installation of meters from next week.

***GRIDCO / O&M may deliberate the commissioning status***

**E3: Metering issue of TTPS.**

In the last meeting it was deliberated that CGM (O&M), Director (Commercial), Gridco and Sr. G.M (PS) have visited TTPS on 15.07.2014 and examined installation of meters in all feeders emanating from TTPS.

***CGM (O&M) may please deliberate the status.***

**E4: Major Events in the month of July'14.**

15.07.2014: 132 kV power supply extended to 132/33 kV, Chandpur S/S from Balugaon S/S end.

**E5: Under Frequency Relay operation in OPTCL System during the month of July'14.**

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



## E6: Important Grid Incidences during the month of July'14

- (i) On 08.07.14, 17:22 hrs bottom most conductor (between gantry & dead end tower) of 220 kV Budhipadar-Basundhara ckt-II snapped from the dead end tower at Budhipadar and fell on the ground resulting bus fault. All 220kV feeders tripped at Budhipadar / other end causing 220kV bus at Budhipadar dead.
- (ii) On 12.07.14 at 16:50 hrs, 220 kV Meramundali-TTPS ckt- II tripped at Meramundali end on R phase Directional O/C relay followed by tripping of 220 kV Meramundali-Bhanjanagar ckt-1. 132 kV TTPS- Duburi Ckt. tripped at both ends. Auto-II at TTPS tripped. Subsequently 220 kV Meramundali-TTPS ckt- I tripped at Meramundali on Rphase Directional Over current relay and Auto-I at TTPS tripped. All running units of TTPS i.e. #1, #2, #3and #4 tripped. There was no power supply to 220/132/33 kV Joda Grid Substation from TTPS end resulting tripping of 220 kV Joda-Ramchandrapur Ckt. on Overcurrent at Ramchandrapur. All units of TTPS synchronized and 220 kV feeders at Joda charged.
- (iii) On 29.07.14, 19:10 hrs 220 kV Budhipadar-Raigarh ckt tripped on 'Y' ph, E/F, D/P, Zn-I, Dist-1.3 km, O/C at Budhipadar end. 220 kV Budhipadar-Katapalli ckt-I & II tripped at Budhipadar end on 'Y' ph, Zn-I, E/F, O/C. **On investigation it was found that 'Y' ph LA of 220 kV Budhipadar-Raigarh ckt burst at Budhipadar end.** 220 kV Budhipadar-Katapalli ccts charged and stood OK.
- At 19:32 hrs 220 kV Budhipadar-Tarkera ckt-II tripped at both ends on D/P relay indication. At 20:10 hrs while charging 220 kV kV Budhipadar-Tarkera ckt-II, 220 kV Tarkera ckt-I tripped at Budhipadar. 220 kV Korba ckt-I & II tripped at Korba end, 220 kV IbTPS ckt-I, II, III & IV tripped at IbTPS end on directional E/F, D/P, Zn-II and all CGP ccts tripped at their end. All running units of IbTPS and Burla PH tripped. 220kV bus at Budhipadar became dead. **On inspection of switchyard it was found that 'B' ph breaker limb of 220 kV Budhipadar-Tarkera ckt-II burst at Budhipadar. While patrolling 220 kV Budhipadar-Tarkera ckt-II it was noticed that 'Y' ph conductor of 220 kV Budhipadar-Tarkera ckt-II snapped at Loc. No-317, 318 and 319 with damage of insulator.**

*CGM (O&M) may please deliberate.*

## E7: Outage of major transmission Lines / Elements during the month of July'14 (above 10 hrs).

Sl No	Transmission lines	Tripping Dt/time	Restoration Dt/time	Reason
1	132 kV Joda-Polasponga Ckt	06.07.14 14:45	08.07.14 10:44	'Y' ph insulator damaged at Loc. No-11
2	220 kV Balasore-Baripada PG Ckt-I	09.07.14 19:40	10.07.14 07:57	'Y' ph jumper snapped at Loc. No-48
3	132 kV Budhipadar-Brajarajnagar Ckt	10.07.14 16:40	11.07.14 09:10	'B' ph insulator damaged at Loc. No-16.
4	220 kV Meramundali-TTPS Ckt-II	11.07.14 18:20	12.07.14 15:15	Line patrolling was done but no fault found.
5	220 kV Theruvali-Indravati Ckt-II	23.07.14 20:27	24.07.14 17:41	'R' ph jumper snapped at Loc. No-263/3.
6	220 kV Narendrapur-Mendhasal Ckt-I	24.07.14 18:58	25.07.14 12:51	'B' ph LA damaged at Mendhasal S/S.
7	220 kV Budhipadar-Raigarh Ckt	29.07.14 19:10	30.07.14 15:19	'Y' ph LA burst at Budhipadar S/S.
8	220 kV Budhipadar-Tarkera ckt-II	29.07.14 19:32	02.08.14 18:25	'Y' ph conductor snapped at Loc.No-317,318,319. 'B' ph breaker limb burst at Budhipadar.
9	220 kV Jaynagar-Jeypore PG Ckt-I	29.07.14 19:30	30.07.14 13:16	Problem at Jeypore PG end.

Most of the incidents are due to insulator failure, LA failure and jumper / conductor snapping.

*C.G.M. (O&M) may please deliberate.*

**E8: Review of Outage Program of State Generators / Transmission elements for the month of August'14 & September'14:**

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

Sl.	Station	Unit	Period	Remarks
1	Burla	# 1	17.02.14 to 31.08.14	Shaft seal and TGB replacement Guide vane problem Shaft seal heavy leakage (Programming for R, M & U)
		# 3	19.03.14 to 31.08.14	
		# 6	17.02.14 to 31.10.14	
2	Chiplima	#3	15.02.14 to 31.10.14	TGB Problem (Programming for R, M & U)
3	Balimela	# 1	31.01.13 to 25.08.14	Thrust bearing problem Thrust bearing problem Annual Maintenance
		#2	09.12.13 to 31.08.14	
		# 3	01.09.14 to 30.09.14	
4	Upper Kolab	# 3	16.05.14 to 05.10.14	Annual Maintenance

*OHPC may deliberate.*

**E9: Generation Program for the month of August'14.**

Generation schedule for the month of August'14 furnished by OHPC are given below.

Name of Hydro Gen. Station	Generation Programme (MW)		Reservoir Level as on 01.08.14	Reservoir Level as on 23.08.14	MDDL	High Flood Reservoir Level
	August' 14 2 <sup>nd</sup> fortnight	September' 14				
HPS, Burla	120+40	150+40	622.43ft	619.56ft	590 ft.	630 ft.
Balimela	150	200	1489.30ft	1491.80ft	1440 ft.	1516 ft.
Rengali	230	230	116.77mt	120.94mt	109.72mtr	123.5 mtr.
U.Kolab	60	80	851.23mt	853.35mt	844 mtr	858 mtr.
U.Indravati	600	500	636.12mt	640.44mt	625mtr	642 mtr
MKD	30	30	2723.20ft	2728.90ft	2685 ft.	2750 ft.
<b>TOTAL</b>	<b>1230</b>	<b>1230</b>				

*OHPC may update.*

**E10: Issues raised by Ib TPS**

- a. Implementation islanding scheme at Ib-Budhipadar command area.

In the last meeting CGM (O&M) stated that the relay specified for islanding of Ib TPS has already been commissioned but kept under observation without trip command. Commissioning will be done after balancing load in two bus sections.

- b. Bus-bar protection at Budhipadar sub-station

In the last meeting CGM (O&M) stated that Bus bar protection panel has been installed at Budhipadar control room and will be commissioned soon.

*CGM (O&M) may please update the status.*

**E10: Providing protection system in terms of IEGC & CEA Regulations:**

CERC, vide RoP of hearing on 05.06.2014 in Petition No.-59/MP/2014 filed by ERLDC directed OPTCL to submit a compliance report of earlier audit carried out by ERPC, on affidavit, by 18.07.2014. Further, CERC directed to conduct engage an independent third party preferably CPRI to undertake afresh a complete audit of OPTCL transmission system as per check list specified by report of task force on power system analysis under contingency, which is available on CEA website and submit a report within three months of issue of the RoP.

In the last meeting CGM (O&M) stated that the formats were sent to field S/Ss for compliance. OPTCL will file the compliance before the CERC, soon after receipt of those formats. SLDC suggested that OPTCL may file application before the CERC to allow more time.

*CGM (O&M) may please deliberate.*

**PART F: OTHER ISSUES**

**Item No: F1** Members may raise issues if any.

**Item No: F2** Date and Venue of the next (78<sup>th</sup>) PSOC meeting: