



**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) / 198 (28)

Dated : 8.07.2014

From:

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

To:

As per distribution list

**Sub: Minutes of 75<sup>th</sup> Power System Operational Co-ordination meeting held on 18.06.14 at CPTI of RSP, Rourkela.**

Sir,

Please find enclosed herewith the minutes of 75<sup>th</sup> Power System Operational Co-ordination meeting held on 18.06.14 at CPTI of RSP, Rourkela.

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, (RT&C), OPTCL, Bhubaneswar
6. The C.G.M (PP), GRIDCO, Bhubaneswar
7. The CGM (IT), OPTCL, Bhubaneswar
8. The Sr. G.M (C.P), OPTCL, Bhubaneswar
9. The Sr. G.M (TP&C), OPTCL, Bhubaneswar
10. The Sr. G.M. (CPC), OPTCL, Bhubaneswar
11. The Member Secy., (GCC), OPTCL, Bhubaneswar
12. The C.E.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 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

# Odisha Power Transmission Corporation Ltd. Bhubaneswar.

## Minutes of 75<sup>th</sup> PSOC meeting held on 18.06.2014 at SAIL, Rourkela.

List of participants is at Annexure-A.

Sri D. K. Mangaraj, DGM, PD welcomed all members to the CPTI of RSP. Sri Aswini Kumar, ED (Works), RSP welcomed all members and highlighted the activities of RSP and expansion works taken up by RSP, Rourkela. Sri D.K Bhanja, AGM (PD) presented the road map for RSP expansion and power scenario of the plant.

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

Sr. G.M (PS) expressed his gratitude to RSP authority for organizing the meeting. He welcomed all the participants to the 75<sup>th</sup> Power System Operational Coordination meeting and highlighted the system performance during the month of May' 14 and overall power scenario of the State. He also emphasized on the over drawl by CESU & NESCO during the month.

D.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 74<sup>th</sup> PSOC meeting held on 21.05.2014**

The minutes was circulated vide letter No. SGM (PS)-PI-15/2007(Vol.-VI)-1615<sup>28</sup>), dated 03.06.2014 to all the members and also uploaded in the SLDC website. No comment has been received from any of the members.

Members may confirm the minutes.

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

Minutes of 74<sup>th</sup> PSOC meeting was confirmed since no comments were received.

## PART B : SYSTEM PERFORMANCE

### **Item no.B1: Review of Grid Performance for the month of May'14.**

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

It was noticed that, during the month, 53.45% of times the frequency remained in the IEGC band i.e 49.90Hz–50.05Hz in comparison to 52.41% during the month of April'14. The maximum and minimum System frequency during the month of May'14 was 50.59 Hz & 49.48 Hz respectively.

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

Grid demand for the month of **May'14** was reviewed. The energy consumption during the month was 2290 MU. The maximum System demand of **3755 MW** occurred on 16.05.2014 at **20:00 Hrs** and minimum demand of **2130 MW** occurred on **26.05.2014** at **05:00 Hrs**.

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

It is observed that while energy consumption during the month of **May' 14** increased by **17 MU** the peak demand during the month has reduced by **70 MW** from that of **April'14**. The energy consumption during the month has been increased by **190 MU** in comparison with **May'13**.

SLDC stated that the Discoms are required to furnish the average daily energy for each month considering the annual energy drawal approved in their respective ARR in the format indicated below, so that, monthly generation and exchange can be planned suitably. All Discoms agreed to furnish the same before 76<sup>th</sup> PSOC meeting.

#### **ESTIMATE OF MONTHLY ENERGY DRAWAL FOR THE FY 2014-15**

Name of DISCOM:

Approved drawal for the FY (MU)

Sl. No	Month	Energy requirement in MU	Average in MW
1	April	As per actual	As per actual
2	May	As per actual	As per actual
3	June	As per actual	As per actual
4	July		
5	August		
6	September		
7	October		
8	November		
9	December		
10	January		
11	February		
12	March		
	Total		

**[Action: All DISCOMs]**

#### **(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 **May'14** was reviewed. It is noticed that **Jayanagar** 220 kV bus had experienced a maximum voltage of **250 kV** and minimum Voltage of **198 kV** was experienced at **Paradeep** 220 kV bus, probably due to addition of extra area load during the period.

### **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). SLDC has approached ERLDC to instruct Jeypore (PG) for lowering tap position of ICT and 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 Paradeep S/S was, probably due to addition of extra area load on Paradeep Auto during the period. It was decided to mention the date and time of occurrence of high and low Voltages at different buses. Also, SLDC has to remind ERLDC to instruct Powergrid for changing of tap position at Jayapore PG.

[Action: SLDC]

### **(D) Energy Generation / import during the month of May'14**

Energy generation and exchange during the month of May 14 was reviewed. The total quantum of energy drawn from all the generation sources including Central Sector Share and CGP support during the month was 2290.15 MU. Discoms stated that they are unable to know the generation availability for the State. SLDC stated that the generation schedule for the day is available in SLDC site and ISGS schedule is available in ERLDC site. The Discoms can know the real time generation availability for the State.

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

The hourly drawal of Machhakund power during the month of May'14 was reviewed. The energy drawal during the month was 15.698 MU against total generation of **37.9** MU.

### **Deliberation in the meeting**

Sr. G.M (PS) stated that a meeting was conducted on Dt 19.05.2014 with OHPC, Gridco, SLDC and Machhakund authority to discuss the issue of drawal of State's share from Machhakund. It was decided and agreed by Machhakund authority that, the State's drawal shall be accounted on daily basis and the under/over drawal shall be adjusted on the succeeding day. As decided 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. As decided in the last PSOC meeting, a meeting at Jayanagar with SOUTHCO, OPTCL, OHPC and GRIDCO is yet to be convened by Sr. G.M. (PS) to examine the feasibility of maximize Machhakund drawal considering the ground realities.

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

### **(F) DISCOM Drawal during the month of May'14**

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

### **Deliberation in the meeting**

It was noticed that that CESU & NESCO have over drawn to the tune of 25 MU & 12MU energy respectively during the month. Director (Commercial) stated that SLDC should prepare the drawal schedule accurately so that the Discom drawal should not exceed substantially. A suitable mechanism need to be developed by DISCOMs.

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

[Action:-SLDC/ All Discoms]

## **PART C: NEW ISSUES**

### ***CI: Compliance of decisions of 97<sup>th</sup> OCC meeting of ERPC held on 15.05.2014***

#### **Item No: B1: Collection of data regarding power supply in RGGVY villages**

As discussed in the last meeting the Contact Officers of all the DISCOMs as detailed below shall respond to ERPC and furnish the data of Jan, 2014 to April, 2014 in prescribed format available at ERPC website.

1. Sri Sumanta Kumar Senapati, D.G.M., CESU – 9437156464
2. Sri S. Das, G.M. (Works), WESCO – 9437057346
3. Sri Sharat Chandra Upadhyaya, G.M. (Projects &EMS), NESCO – 9438906004, FAX-06782-263259, email: [project@nescoodisha.com](mailto:project@nescoodisha.com)
4. Sri Sabyasachi Padhi, D.G.M., SOUTHCO – 9437959944

Any change of Contact Officer may be immediately intimated to ERPC.

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

Director (Commercial) stated that the Discoms should not take the issue lightly and should ensure furnishing of the required data in time, as the expenses incurred may likely to be subsidized by Govt. of India. DISCOMs stated that they are furnishing the data to ERPC regularly in each month.

**[Action:- All Discoms]**

#### **Item no. B.7.4: Depletion in OPTCL network due to impact of cyclone “Phailin”**

In 96th OCC OPTCL informed that, the 220 kV Narendrapur-Mendasal line will be brought into service tentatively by July, 14.

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

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

Replying to the queries raised by SLDC, CGM (O&M) stated that 220kV Meramundali-Kaniha ckt.-I, which is under prolonged shutdown shall be brought into service after replacement of CT at Meramundali.

#### **Item no. B.7.6. 220 kV inter-connecting lines of OPTCL with 400/220 kV Bolangir (PG) S/s**

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

Representative of CGM (Const.) deliberated as follows:

- (i) LILO of OPTCL’s Burla - Bolangir line at Bolangir(PG) - Work awarded and it would be completed by Nov, 2014.
- (ii) Bolangir(PG) –Kesinga S/C 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 by December, 2015.

### **Item no. B.8: Status of “Third Party Protection Audit”**

In the last PSOC meeting, it was decided to convene a meeting by CGM (O&M) on 24<sup>th</sup> May 2014 to discuss the compliance of “Third Party Protection Audit” as per the direction of CERC. Further, CERC during hearing of Petition No.-59/MP/2014 on 05.06.2014 filed by ERLDC directed to submit the compliance report in respect of major grid sub-stations in the approved format, which has been communicated to CGM (O&M) by SLDC.

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

CGM (O&M) stated that the Formats have already been sent to all EHT (O&M) Circles for compliance.

### **Item no. B.24: Hearing at CERC on petition regarding non-compliance of Regulation**

In the last meeting it was decided that all DISCOMs shall communicate their feed back to SLDC regarding implementation of automatic demand management scheme in their respective control area as per provision under regulation 5.4.2 (d) of IEGC, 2010. SLDC has received feedback from CESU only, wherein it is stated that due to paucity of funds they are unable to implement the SCADA based Automatic Demand Management Scheme in their respective Control area.

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

NESCO stated that they have forwarded their feedback to SLDC through email.

## **PART D: OPERATIONAL PLANNING**

### **D1: 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, it was decided that GM (Telcom) shall examine the feasibility of real time data communication from those 33kV feeders covered under UFR. O&M shall forward the list of such feeders to GM (Telecom).

#### **Deliberations in the meetings**

A.G.M. (Telecom) stated that project report has already been prepared for collection of data from those 33kV feeders covered under UFR and approved by BoD. The detail estimate has been sanctioned & BOQ has been sent to CPC for procurement action. The work is expected to be completed by October 2014.

**[Action:-Sr. GM (CPC) / G.M. (Telecom.)]**

### **D2: Communication issues**

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

A.G.M. (Telecom.) stated that, communication link has been established & real time data are available at SLDC.

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

A.G.M. (Telecom.) has deliberated the status of data communication from CGPs as follows:

<b>Sl. No</b>	<b>Name of CGP</b>	<b>Present status</b>
1	M/s FACOR Power Limited	Overhead line is yet to be charged.
2	M/s Shree Ganesh Metalicks Ltd.	CVT, WT are installed at OPTCL switching sub-station, Kuanrunda. RTU procured but PLCC equipments are yet to be procured.
3	M/s SEL, Jharsuguda	Data invoked from ERLDC & displayed at SLDC as RTU is reporting to ERLDC.
4	M/s Shalivahan Green Energy Ltd.	Penalty is imposed by OERC.
5	M/s IFFCO, Paradeep	PO issued by CPC for procurement of PLCC / SCADA Inspection of PLCC / SCADA is completed.
6	M/s MSP Mettalicks	RTU is commissioned. Database has been prepared and will be integrated within June 2014.
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	Yet to be established. Matter has been intimated to GCC.
9	M/s Balasore Alloys	Procurement action for PLCC / SCADA is going on.
10	M/s Adhunik Metalics	Database preparation could not be initiated due to non-submission of SLD. PLCC is not commissioned. RTU is not installed.
11	M/s Rohit Ferrotech	Not procured.
12	M/s NALCO	Commissioning of PLCC / SCADA is yet to be done.

Director (Commercial) suggested placing this matter before GCC.

### **D3: Issues from last OCC meeting.**

Extension of power supply to Sunabeda grid sub-station, in case of breakdown of 132kV Jaynagar-Sunabeda ckt.

In the last meeting NALCO proposed to convene a meeting with NALCO to discuss the issue of extension of power to Sunabeda in view of the prolonged shut down of Jayanagar-Sunabeda 132 kV line for converting into D/C line.

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

CGM (O&M) stated that the shutdown of 132kV Jayanagar-Sunabeda line could not be availed as NALCO has not intimated their readiness of their generating station.

### **D4: DISCOM Issues.**

**(1) CESU:** CESU has raised several bilateral issues like bay extension work at different sub-stations, enhancement of sub-station capacity, Change of CT ratio, low voltage problem etc. & other issues like LC permit to Junior Manager (Elect.)



### **Deliberations in the meetings**

CGM (O&M) stated that:

- All bilateral issues may be taken up with the G.M., EHT (O&M) circle of their respective area.
- Issue of LC permit to Junior Manager for availing Shutdown from grid sub-stations shall be examined by OPTCL.

SLDC stated that the sub-stations integrated into the SCADA system is being displayed in the dashboard.

**[Action:-CESU]**

### **(2) NESCO**

- (a) Displaying deviation charges in the ABT Dash Board.
- (b) Displaying of Historical data
- (c) Non-providing of “Day ahead schedule” by Intra State OA Customers.
- (d) Up-gradation of Duburi, Basta, Barbil, Karanjia and Anandapur S/Ss.

### **Deliberations in the meetings**

SLDC stated that the displaying of deviation charges in the ABT dashboard data is being examined. Historical data are available at ABT dashboard. The day-ahead schedule of all Intra / Inter State Open Access customers is being reflected in the day ahead drawal schedule of DISCOMs.

CGM (O&M) stated that:

- All bilateral issues may be taken up with the G.M., EHT (O&M) circle of their respective area.

### **(3) SOUTHCO**

- (a) Inclusion of Balugaon drawal in the drawal schedule of Southco.
- (b) Restoration of 220kv Narendrapur-Mendhasal ckt for display of South side data.
- (c) Installation of dumb terminal.
- (d) Revision of drawal schedule for the month of May2014.
- (e) Providing historical data in the dashboard.
- (f) Correction factor of Southco drawal.
- (g) During the mock exercise the combined drawal data of Digapahandi, Mohana and Balimela (Podia) Grid were available in the ABT Dash board. It is requested to provide the same data separately (if not possible then give combined drawal).

### **Deliberations in the meetings**

SLDC stated that:

- Balugaon sub-station drawal has already been excluded from SOUTHCO drawal. Restoration of 220kv Narendrapur-Mendhasal ckt shall be made by July 2014. Providing dumb terminal is no more required as the data are available in ABT dashboard. Drawal schedule for the month of May2014 in respect of SOUTHCO has been done. Historical data are available at ABT dashboard. Correction factor of Southco drawal may be determined by SOUTHCO. After restoration of 220kV Narendrapur-Mendhasal ckt. displaying of Digapahandi, Mohana and Balimela (Podia) Grid data can be examined.

## **PART E: OPERATIONAL PLANNING**

### **E1: Implementation of CERC (Deviation Settlement Mechanism and related matters) Regulations, 2014.**

#### **Deliberations in the meetings**

Director (Commercial) stated that GRIDCO has filed a Petition before Hon'ble Commission in this regard. Further, he stated that DISCOMs can see the real time drawal schedule issued by ERLDC for GRIDCO and ascertain the deviation margin permissible for GRIDCO and apportion their respective deviation margin considering their percentage of share.

### **E2: Contingency measures to address hydrology failure**

As decided in the Special Meeting on "Preparedness of the Power Sector for the Monsoon season" held at ERPC on 13.06.14, the State need to prepare the contingency plan for future three months in case of hydrology failure / delayed monsoon, which will be discussed in the OCC meeting of ERPC scheduled to be held on 20.06.2014.

GRIDCO may furnish the action plan for purchase of power from alternate sources like IPP / CGP etc.

OHPC may intimate the station wise average generation which can be achieved with the available water potential.

#### **Deliberations in the meetings**

OHPC stated that they have already furnished the action plan to ERPC. GRIDCO shall furnish the action plan to ERPC.

**[Action:-GRIDCO]**

### **E3: Carryover of Balimela Water share**

As per the agreement between Andhra Pradesh and Odisha, the share of Andhra Pradesh from the available water in the Balimela is released downstream into the river for generating hydro electricity located at Upper Sileru, Donkarai and lower Sileru Hydro power stations ultimately utilizing the water for irrigation in Godavari delta during dry season.

It may be confirmed whether the share can be carried over to the succeeding water years or to be availed during the current water year.

#### **Deliberations in the meetings**

Director (Commercial) stated that the matter is to be taken up at Government level.

**[Action:-GRIDCO]**

**E4: Commissioning status of New Transmission elements.**

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 work order / PO issued.
3	Commissioning of 400 kV Ib-Meramundali D/C line.	400kV Lapanga-Meramundali line to be charged by July 2014. 400kV Ib-Lapanga line is expected to be commissioned by December'14.
4	Commissioning of 220 kV Bidanasi-Cuttack line	Work in progress and expected to be completed by June 2015.
5	Commissioning of 220/132 kV Cuttack S/S	Work in progress and expected to be completed by August 2014.
6	Commissioning of 132 kV Baripada (PG)-Jaleswar line	Work has already been started, which will be completed by December 2015.
7	Commissioning of 220/132 kV Kesinga S/S	Work under progress. Expected by September 2015.
8	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.
9	Commissioning of Bolangir New-Bolangir(PG) line	220 kV Burla - Bolangir D/C line will be made LILO at Bolangir (PG).
10	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.

In the last meeting OPTCL intimated the list of S/Ss already commissioned and likely to be commissioned in near future as tabled.

Sl. No	Name of the sub-station	Probable month of commissioning	Name of DISCOM
1	132/33kV IIT, Argul sub-station	Commissioned on 06.05.14	CESU
2	132/33kV Banki sub-station	June-14	CESU
3	132/33kV Konark sub-station	Oct-14	CESU
4	132/33kV Samuka beach sub-station	Oct-14	CESU
5	132/33kV Khajuriakota sub-station	Dec-14	CESU
6	132/33kV Sarasmal sub-station	July-14	WESCO
7	132/33kV Kalunga sub-station	Oct-14	WESCO
8	220/33kV Banei sub-station	Dec-14	WESCO
9	132/33kV Boud sub-station	Aug-14	SOUTHCO
10	132/33kV Dabugaon sub-station	Dec-14	SOUTHCO
11	132/33kV Umerkote sub-station	Dec-14	SOUTHCO
12	132/33kV Nuapada sub-station	July-14	WESCO
13	132/33kV Padmapur sub-station	July-14	WESCO
14	132/33kV Udala sub-station	Dec-14	NESCO
15	132/33kV Somanathpur sub-station (Near Balasore)	Oct-14	NESCO

It was deliberated that although the sub-stations are being commissioned by OPTCL, DISCOMs are not planning to connect their network to the grid sub-stations. It was decided that the DISCOMs should come forward with their plan for developing their 33kV infrastructure to connect to the above sub-stations.

[Action:-All DISCOMs]

#### **E5: Metering issues.**

In the last meeting CGM (O&M) stated that:

- Energy meters have already been released for installation at Hydro Stations.
- EBC shall furnish the list of traction points where three phase four wire energy meters are required so that action shall be taken for release of meters.
- ABT compliant energy meters shall be released for Joy Iron Steel Limited & REHPL (solar) and feeders emanating from Burla power house.

#### **Deliberations in the meetings**

CGM (O&M) stated that:

- Energy meters have already been released for installation at Hydro Stations.
- EBC shall furnish the list of traction points where three phase four wire energy meters are required so that action shall be taken for release of meters.
- ABT compliant energy meters shall be released for Joy Iron Steel Limited & REHPL (solar) and feeders emanating from Burla power house.

GRIDCO stated that O&M may expedite commissioning of energy meters already released and intimate the status in the next PSOC meeting.

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

#### **E6: Metering issue of TTPS.**

In the last meeting it was decided that SLDC shall co-ordinate with O&M & GRIDCO to visit TTPS for finalizing the meter installation at all feeders in accordance with the provision of CEA (Installation & Operation of Meters) Regulation 2010 to which TTPS has assured to co-operate.

#### **Deliberations in the meetings**

SLDC stated that visit to TTPS site during July has been planned along with co-ordinate with O&M & GRIDCO.

[Action:-SLDC / TTPS/ O&M / GRIDCO]

#### **E7: Major Events in the month of May'14.**

05.05.2014: 220/132 kV, 160 MVA Auto-II at Bolangir New S/S Commissioned  
06.05.2014: 132/33 kV Grid S/S at IIT Argul charged with 1x20 MVA transformer  
18.05.2014: 220/132 kV, 100 MVA 3<sup>rd</sup> Auto at Joda charged

#### **E8: Under Frequency Relay operation in OPTCL System during the month of May'14.**

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

**E9: Important Grid Incidences during the month of May'14**

The incidences were reviewed. SLDC suggested forming a committee to analyze all major incidences to avoid filing of petition by ERLDC before CERC. The status of such committee may be intimated in the next PSOC meeting.

[Action: CGM (O&M)]

**E10: Outage of major transmission Lines / Elements during the month of May'14 (above 10 hrs).**

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)]

**E11: Review of Outage Program of State Generators / Transmission elements for the month of June & July'14:**

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

Sl.	Station	Unit	Period	Remarks
1	Burla	# 1	17.02.14 to 30.06.14	Feedback sensor problem
		# 3	19.03.14 to 15.07.14	Guide vane problem
		# 6	17.02.14 to 31.08.14	Shaft seal heavy leakage
2	Chiplima	#2	13.05.14 to 15.06.14	Annual Maintenance
		#3	15.02.14 to 31.08.14	TGB Problem
3	Balimela	# 1	31.01.13 to 30.06.14	Thrust bearing problem
		#2	10.12.13 to 30.06.14	Thrust bearing problem
		#8	20.05.14 to 19.06.14	Annual Maintenance
4	Rengali	# 1	12.05.14 to 30.06.14	Annual Maintenance
5	TTPS	# 5	25.06.14 to 19.07.14	Boiler OH + retrofit ESP OH +
		# 6	10.07.14 to 08.08.14	CW duct dish end replacement.
6	IbTPS	# 2	17.07.14 to 14.09.14	Annual Overhauling

**E12: Generation Program for the month of June & July'14.**

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

Name of Hydro Gen. Station	Generation Programme (MW)			Reservoir Level as on 01.06.14	Reservoir Level as on 15.06.14	MDDL	High Flood Reservoir Level
	June'14 06.06.14 to 30.06.14	July'14					
		01.07.14 to 15.07.14	15.07.14 to 31.07.14				
HPS, Burla	70+40	20+10	10+5	606.62 ft	602.04 ft	590 ft.	630 ft.
Balimela	150	150	200	1487.90 ft	1485.50 ft	1440 ft.	1516 ft.
Rengali	130	10	5	115.33 mt	112.33 mt	109.72mtr	123.5 mtr.
U.Kolab	80	80	80	849.75 mt	848.20 mt	844 mtr	858 mtr.
U.Indravati	400	200	100	630.40 mt	628.20 mt	625mtr	642 mtr
MKD	30	30	30	2726.80 ft	2723.70 ft	2685 ft.	2750 ft.
<b>TOTAL</b>	<b>900</b>	<b>500</b>	<b>430</b>				

**Deliberations in the meeting**

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

***E13: JSL Issue: Transmission Constraints at Duburi 400 / 220 kV Grid (New) Sub Station***

JSL, Duburi is not able to import power for Plant Operation during the period of maintenance of Captive Power Plant Units due to denial by SLDC on the ground of Transmission Constraints at Duburi Command Area during the month of July'14. OPTCL may intimate the possible time frame by which power will be available at Duburi Command Area for drawal by JSL. However, during July'14 JSL may be forced to take shutdown of part of their power Plant.

**Deliberations in the meeting**

CGM (O&M) stated that in the present transmission configuration, it is not possible to allow JSL, Duburi to import power.

**PART F: OTHER ISSUES**

**F2: Date and Venue of the next (76<sup>th</sup>) PSOC meeting:**

The 76<sup>th</sup> PSOC meeting is proposed to be held at PTC, Chandaka.

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

**75th Power System Operational Co-ordination Review meeting**  
**[ At 11:00 A.M. on 18.06.2014 ]**  
**[At SAIL, Rourkela]**

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