



# MP POWER TRANSMISSION COMPANY LIMITED

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No.07-05/SG-9B-II/2257

Jabalpur, dated 07-12-2010.

To

## As per distribution list

Sub: Minutes of 22<sup>nd</sup> meeting of Operation and Coordination Committee of MP.

Dear Sir,

Please find enclosed herewith the minutes of 22<sup>nd</sup> meeting of the Operation and Coordination Committee of MP held on 20<sup>th</sup> November 2010 at State Load Despatch Centre, MPPTCL, Jabalpur.

Thanking you.

Yours faithfully,

( P.A.R. Bende)  
Member Secretary, OCC  
S.E.(LD-OPN), SLDC  
MPPTCL, Jabalpur

Encl : As above.

## **Distribution List**

The Officer on Special Duty (T&C), MP Power Transmission Co. Limited, Jabalpur.	The Superintending Engineer (DCC-WZ), DISCOM Control Centre, MP Paschim Kshetra Vidyut Vitaran Co. Limited, Near Polo Ground, Jail Road, Indore.
The Chief Engineer (S/S), MP Power Transmission Co. Limited, Jabalpur.	The Executive Engineer (DCC-EZ), DISCOM Control Centre, MP Poorva Kshetra Vidyut Vitaran Co. Limited, Jabalpur.
The Chief Engineer (Power System), MP Power Transmission Co. Limited, Jabalpur	The Additional General Manger (LM), DISCOM Control Centre, MP Madhya Kshetra Vidyut Vitaran Co. Limited, Bhopal.
The Executive Director (O&M:Gen.), MP Power Generating Co. Limited, Jabalpur.	The Chief Engineer (PM&C), Narmada Hydroelectric Development Corpn. Ltd, NHDC Parisar, Shamla Hills, Bhopal – 462013.
The Chief Engineer (O&M:Hydel), MP Power Generating Co. Limited, Jabalpur.	The General Manager, Indira Sagar Power Station, NHDC Office complex, PO : Narmada Nagar, Distt : Khandwa (MP) – 450 119.
The Chief General Manager (S), MP Power Trading Company, Jabalpur.	The General Manager, Omkareshwar Power Station, Prashnik Bhawan, Urja Vihar, Sidhwarkut, Distt : Khandwa (MP) – 450 554.
The Executive Engineer, Sub Load Despatch Centre, MPPTCL, Indore	The Executive Engineer, Sub Load Despatch Centre, MPPTCL, Bhopal

## **MIMUTES OF 22ND MEETING OF OPERATION & COORDINATION COMMITTEE OF MP HELD ON 20<sup>TH</sup> NOVEMBER 2010 AT SLDC, MPPTCL, JABALPUR.**

22<sup>nd</sup> meeting of Operation & Co-ordination Committee of MP was held on 22<sup>nd</sup> November 2010 at State Load Despatch Centre, MPPTCL, Jabalpur. The list of participants is enclosed at Annexure-1.0.

Shri A.P. Bhairve, Chief Engineer (LD) & Chairman OCC, welcomed all the participant of OCCM and stated that the members are gathered here to discuss various important operational issues and the presence of the participants here shows their commitment towards maintaining a reliable and stable grid. He further expressed his views that in a forum like this, all constituents are expected to move closer to each other through a meaningful dialogue. Such meaningful closeness among constituent Members assumes greater significance as the power deficit in MP is on high order. He further mentioned that the Western Region has maximum operational complexities, some of which are rather difficult to handle. Nevertheless, the OCC constituents are making whole hearted efforts in a coordinated manner to come out of all such problems. The efforts initiated in this direction includes enhancing the generation availability, efficient utilisation of hydro potential and strengthening of transmission system and other connected measures for bringing about improvement in system operating parameters. The results of the efforts of discussions in the OCC have been quite positive. The grid disturbances have considerably reduced, system frequency has largely been within the specified range and there has been a significant improvement in the voltage profile except few areas. He also appreciated the efforts by which apart from voltage profile, there has been a substantial improvement and other crucial system operating parameters; for which the credit goes to OCC constituents for their coordinated and timely actions.

Chairman OCC informed the committee that MP has set maximum demand met record of 7786 MW on 05.11.2010, which is highest ever in MP, without any system constraint for which the Secretary (Energy), GoMP has expressed his appreciation to all concerned.

Chairman OCC further stated that the coming rabi season will be very crucial and as the demand will pick up, DISCOMs will have to manage the increased demand effectively in real time, so that committed power supply to the agriculture could be ensured.

Thereafter, Chairman, OCC requested Shri P.A.R. Bende, Member Secretary (OCC) to take up the agenda items for discussion.

**ITEM NO. 1 : CONFIRMATION OF MINUTES :** Member Secretary, OCC stated that the Minutes of 21<sup>st</sup> meeting of Operation & coordination committee of MP held on 15<sup>th</sup> September 2010 at Omkareshwar Hydel Power Station Sidhwarkut, Distt: Khandwa were forwarded to the committee members vide No. No.07-05/SG-9B-II/11916 dated 13-10-2010 and also uploaded on the SLDC website. No comments have been received from the members. The minutes of the 21<sup>st</sup> meeting of Operation & coordination committee of MP have been confirmed by the Committee

### **ITEM NO. 2 :REVIEW OF SYSTEM OPERATION DURING THE MONTHS SEPT & OCT 2010.**

**2.1 Frequency Particulars :** Member Secretary, OCC informed the committee that the average frequency during September & October 2010 was recorded as 49.85 Hz & 49.94 Hz respectively. The system frequency was below 49.5 Hz for these months for 1.83% & 0.95 % of time as compared to 8.19 % time during August 2010. The frequency dipped below 48.8 Hz on 9 occasions in September 2010 & nil occasions in October 2010.

The detailed frequency particulars for the month of September & October 2010 had already been conveyed with the agenda i.e. Annexure-2.1. The brief details of frequency profile is given hereunder :

Month	Average frequency	minimum integrated frequency over an hour	maximum integrated frequency over an hour	instantaneous minimum frequency	Instantaneous maximum frequency
SEPT 10	49.85 Hz	49.18 Hz	50.27Hz	48.76 Hz	50.79 Hz
OCT 10	49.94 Hz	49.58 Hz	50.29 Hz	49.07 Hz	50.60 Hz

## 2.2 Operational Matters

**2.2.1 Operational Discipline :** Member Secretary, OCC stated that the frequency profile for the months September & October 2010 was satisfactory with frequency within the permissible range for around 90% and average monthly frequency around 49.90 Hz. The committee noted the frequency profile details is as given below :

Month	% of time Frequency Below 49.5 Hz	% of time Frequency above 50. 2 Hz	% of time frequency within the permissible range of 49.5-50.2 Hz	Average monthly frequency	No. of times frequency dipped below 48.8 Hz
SEPT 10	1.83	12.28	85.89	49.85	9
OCT 10	0.95	4.66	94.39	49.94	0

The total number of instances of significant violation of IEGC by the DISCOMs by overdrawing at frequency below **49.5 Hz** is NIL.

Member Secretary, OCC requested all DISCOMs to maintain their drawl within the schedule to avoid any violation of grid discipline as there is heavy penalty for overdrawing at low frequency and the congestion charge could also be levied for overdrawal at frequency below 50.0 Hz and under drawal at frequency above 50.00 Hz as per the CERC Regulation. AGM, TRADECO informed that they have started emailing the report on Demand estimation Vs Actual demand met by each DISCOM on daily basis as well as averaged over a week. He requested all DISCOMs to fine tune their demand estimation as there is wide gap between demand projection and actual demand met.

**2.3.1 Voltage Profile :** Committee noted the date wise voltage profile at some of the important 400 KV and 220 KV substations during the months September & October 2010 had already been conveyed with the agenda i.e. Annexure -2.3.

During the months September & October 2010, the deviation of voltage from the accepted limit on either side was recorded at following location in MP Grid.

Sr .N o.	Name of Substation	SEPTEMBER 2010				OCTOBER 2010			
		Max. Voltage observed		Min. Voltage observed		Max. Voltage observed		Min. Voltage observed	
		Voltage	Date	Voltag e	Date	Voltage	Date	Voltage	Date
1	Indore	428	02.09.10	---	---	425	14.10.10	---	---
2	Itarsi	431	1,12,13.09.10	---	---	430	17.10.10	---	---
3	Bina	431	23.09.10	---	---	431	17.10.10	---	---
4	Gwalior	431	13.09.10	---	---	428	17.10.10	---	---
5	Nagda	432	12,13,14.09.10	---	---	431	03.10.10	---	---

**2.3.2 Status of Capacitor Banks in sub-transmission system :** Member Secretary, OCC confirmed that the West Discom & Central Discoms has furnished the the status of Capacitor Banks in sub-

transmission system in the 21<sup>st</sup> OCC meeting held on 15<sup>th</sup> September 2010 and by East DISCOM on 11<sup>th</sup> November 2011. As per the inputs given by the DISCOMs, the status is as indicated below :

DISCOM	Capacitor bank installed in good condition (No)		Capacitor bank installed but defective & are repairable (No)		Requirement of repair against each unit (No)	Requirement against non-repairable capacitor banks		Capacitor banks already covered under ADB T-V		Balance capacitor banks to be covered in other schemes	
	600 KVAR	1200 KVAR	600 KVAR	1200 KVAR	No of 100 KVAR Units required	600 KVAR	1200 KVAR	600 KVAR	1200 KVAR	600 KVAR	1200 KVAR
WZ	490	337	10	100	286	38	40	150	136	44	37
CZ	9	680	3	34	24	3	16	0	588	42	196
EZ	406	235	9	36	132	23	48				

West & East DISCOM has also furnished the updated additional information as detailed below :

SN	Particularas	WZ	EZ
1	MVAR capacity of connected capacitors in good condition	698.40 MVAR	525.6 MVAR
2	MVAR capacity of connected capacitors in partially good condition	97.40 MVAR	35.4 MVAR
3	MVAR capacity of connected capacitors in good condition including partially good condition.	795.80 MVAR	560.6 MVAR
4	MVAR capacity of connected capacitors covered under ABT T-V Scheme.	253.20 MVAR	NIL
5	G. total MVAR of capacitors including that are proposed in ADB T-V scheme	1049.00 MVAR	NIL

**2.4.1 Status of completion of on going Transmission Schemes being executed by MPPTCL :** The updated status on various ongoing Transmission Schemes for the current financial year i.e. Year - 2010-2011 has been submitted by MPPTCL in the 22<sup>nd</sup> OCCM. Committee noted the same.

#### 2.4.2 U/F and df/dt Relay Operation

(i) **U/F and df/dt Relay Operation:** The Committee noted that during September & October 2010, the frequency touched 48.8 Hz on 9 & 0 occasions. The frequency did not touch 48.6 and 48.2 Hz during the period. The details of under frequency and df/dt relay operation had already been conveyed with the agenda i.e. Annexure 2.4.2.

(ii) **Defective u/f, df/dt relays :** In the 22<sup>nd</sup> OCC meeting, the SE(T&C) had submitted the updated status of following EHV substations where u/f relays are to be installed.

SN	Name of EHV Substation	Name of T&C circle	Present Status
01	220 KV s/s Pipariya	Bhopal	Relay installation shall be completed by end of November 2010.
02	220 KV s/s Ashta	Bhopal	
03	132 KV s/s Shyampur	Bhopal	
04	132 KV s/s Chhegaon	Indore	Installed
05	132 KV s/s Badgaon	Indore	Installed
06	132 KV s/s Kasrawad	Indore	Installed
07	132 KV s/s Petlawad	Indore	Installed

08	132 KV s/s Betma	Indore	Relay required
09	220 KV s/s Badod	Ujjain	Installed
10	132 KV s/s Zarda	Ujjain	Installed
11	132 KV s/s Mazawan	Satna	Relay required
12	132 KV s/s Pawai	Satna	Relay required
13	132 KV s/s Kolaras	Gwalior	Relay required

T&C, MPPTCL representative informed that the requirement of u/f relays has been given for 05 Nos substations for procurement and the same shall be installed as soon as received. Member Secretary, OCC requested that updated status may be submitted by T&C, MPPTCL in the next OCC meeting.

**2.5 Power Cuts / Load restrictions/Differential Load Shedding by DISCOMS & Group allocation to 33 KV feeders :** Details of Discom wise Power cuts and Regulatory measures during Sep 2010 to Oct 2010 had already been conveyed with the agenda i.e. Annexure 2.5 and reproduced below which has been noted by the committee.

#### Average Supply Hours during Sep & Oct 2010

PARTICULARS	East Zone		Central Zone	
	Sep-10	Oct-10	Sep-10	Oct-10
Commissary HQ	23:46	22:13	24:00	23:00
District HQ	23:32	19:55	23:33	20:29
Tehsil HQ	20:23	13:34	19:47	13:25
Rural -3Phase	19:10	10:30	17:32	10:52
Rural -1Phase	0:00	0:00	0:00	0:00
Total Rural	19:10	10:30	17:32	10:52
PARTICULARS	West Zone		MP	
	Sep-10	Oct-10	Sep-10	Oct-10
Commissary HQ	23:55	22:06	23:53	22:28
District HQ	23:22	18:04	23:30	19:30
Tehsil HQ	19:14	12:16	19:53	13:10
Rural -3Phase	17:42	10:00	18:15	10:30
Rural -1Phase	0:00	0:00	0:00	0:00
Total Rural	17:42	10:00	18:15	10:30

- (i) **Group allocation to new feeders :** The representative of Power System, MPPTCL has requested WZ and EZ DISCOM to take up responsibility of allocation of groups to 33KV newly constructed feeders as agreed in the last OCC meeting. He further informed that the proposals being received from East & West DISCOMs for allocation of newly constructed feeders are generally incomplete and it takes longer time to decide the group allocation. After detailed deliberations East and West DISCOMs agreed to take the responsibility of allocation of group wef from 01-Jan -2011 and also agreed to send the proposals for remaining feeders to Power System by 30-November 2010.

### ITEM NO. 3 : OPERATIONAL PLANNING

- 3.1 Anticipated Power Supply Position for the Month of November 2010 to March 2011 and Demand estimation :** Details of Anticipated Demand and Source wise Availability for the period November 2010 to March-2011 had already been conveyed with the agenda i.e. Annexure-3.1 which has been noted by the committee.
- 3.2 Year ahead & Month Ahead Availability & Demand Estimation :** As per MP Electricity Grid Code, the DISCOMs have to provide daily demand on month ahead by 25<sup>th</sup> for the next month. Similarly the demand estimation data for 2011-12 is to be furnished to SLDC by DISCOMs by 15<sup>th</sup> November 2010. MP Tradeco furnished the details of bilateral/purchase/sale/banking for 2011-12 upto Sep 2011. The DISCOMs agreed to furnish the year ahead Demand Estimation to SLDC by 30-November-2010. The Discoms have also agreed to furnish the month wise/group wise / feeder wise estimated load to SLDC by 30-11-2010.
- 3.3 Generating Units under planned outage and proposed maintenance programme :** The committee noted the details of Actual/proposed maintenance programme for April 2010 to March 2011 (R-9) as furnished by MPPGCL had already been conveyed with the agenda i.e. Annexure-3.3.
- 3.4 Proposed shutdown programme of Transmission lines / Transformers :** Committee noted the proposed maintenance programme for the period 16<sup>th</sup> November to 15<sup>th</sup> January 2011 had already been conveyed with the agenda i.e. Annexure-3.4.
- 3.5 Daily & weekly monitoring of power supply position:** It has been informed to the committee that as per directives of the Energy Secretary, Govt of MP, the monitoring of power supply estimation is being done on weekly and daily basis and accordingly Discoms are furnishing the day ahead estimated demand to SLDC. On the basis of demand estimation by DISCOMs, SLDC is furnishing daily power supply position to Discoms/Tradeco/Energy Department on regular basis.
- 3.6 Long Outages of transmission elements:** The committee noted the transmission elements as detailed below are under long outages.

S N	Line/Transformer/Breaker/ Reactor etc under long outage	Outage date	Reason	Expected date of restoration.
1	63 MVAR Bus-I Reactor at Satpura TPS.	24.05.2005	Damage of all three limbs along with reactor tank.	Order has been placed to BHEL. The delivery schedule is 16 months i.e. July 2011.
2	40 MVA 132/33 KV transformer at Amarkantak TPS.	19.04.2010	Damage due to fire.	It has been informed by MPPGCL that the process for procurement of new transformer has been initiated.

### ITEM NO. 4 : OPERATIONAL STATISTICS FOR THE MONTH OF SEPTEMBER & OCTOBER 2010 :

The details of actual generation, schedule from Central Sector, demand etc. had already been conveyed with the agenda i.e. Annexure 4.1 to 4.5 which have been noted by the Committee.

### ITEM NO. 5 : SYSTEM DISTURBANCE IN MP DURING SEPTEMBER & OCTOBER 2010 :

The committee has been informed that there was no significant system disturbance reported during the period September to October 2010.

## **ITEM NO. 6.0 : ADDITIONAL OPERATIONAL ISSUES :**

**6.1 Reporting of Tripping details:** Member Secretary, OCC informed the Committee that the tripping reports in the prescribed format is not being received from Power Stations and EHV substations. He further informed that as pointed out by WRLDC, in compliance to clause 5.9.6(c) of IEGC 2010, the tripping report has to be submitted to SLDC by the concerned utility (Transco, Genco, NHDC) in the format as devised by SLDC within 24 hrs of tripping occurrence. SLDC requested all utilities to send the tripping reports in time in the prescribed reporting format. SE(T&C), MPPTCL inquired what type of tripping incidents are required to be reported in the prescribed format. It has been told that all tripping incidents at 400 KV level, Interregional/Interstate lines, tie lines with other utilities and other important tripping events causing interruption to any area should be reported in the reporting format. All concerned utilities agreed to instruct the field offices for the same.

**6.2 Black-Start facilities and Schedule for Mock Exercise :** Member OCC informed that though it was agreed by Generating Companies in the last OCC meeting to furnish the information of trial run of DG sets on monthly basis for finalising the schedule of mock trial run of black start, the information has not been received from most of the hydel power stations. NHDC has furnished the information of trial run of DG sets for ISP & OHP, the information is also received from Pench & Gandhisagar Hydel Power Station of MPPGCL. NHDC has also furnished the information of DG sets installed at ISP & OHP, MPPGCL has also furnished the same for all Thermal & Hydel power stations. Member Secretary, OCC requested MPPGCL to furnish information of trial run of DG sets on monthly basis for all hydel power stations by 05<sup>th</sup> December 2010, so that the schedule of mock trial run of black start could be finalised in the next OCC meeting. MPPGCL representatives agreed for the same.

**6.3 Preparation of contingency scheme by distribution companies:** Member Secretary informed the Committee that that contingency scheme prepared by DISCOMs in compliance to CERC order dated 28.04.2010 in the Suo-motu petition no.246/2009, to be prepared with to handle the unprecedented situations endangering the safety and security of the grid, are inadequate as it contains mainly schedule load shedding scheme. Accordingly the DISCOMs have been requested to review and revise contingency scheme in their respective control areas, in which 33 KV feeders with average loads should be identified for hand tripping in case of contingency situations. The DISCOMs have agreed to look into the matter and prepare the contingency plan accordingly. DISCOMs have been requested to furnish the contingency plan by 10<sup>th</sup> December 2010.

**6.4 Communication network for ensuring proper load regulation in DISCOMs :** The Member Secretary, OCC pointed out that in order to manage the supply effectively by the Distribution Control Centers, an effective communication network is required to be devised so that in the shortest possible time the messages are conveyed to all Distribution Centres (DCs) by the Distribution Control Centres (DCCs). The matter has been discussed in length and it is gathered from the DISCOMs that the supply plan are effective at 33/11 KV DC level in East and West DISCOM and partially in Central DISCOM (Weekly off & differential LS). In case of system contingency requiring lifting or enforcing load shedding, the DCCs are facing difficulties to communicate messages at 33/11 KV DC level due to absence of proper messaging network to communicate with large number of 33/11 KV DCs. The Chairman OCC has expressed his concern that in absence of proper communication messaging system in DISCOM may cause serious grid related problems during Overdrawal at low frequency or underdrawal at high frequency which requires immediate action by the DCCs.

Member Secretary, OCC has requested to devise proper communication mechanism by DCCs for taking corrective measures during low/high frequency down upto 33/11 KV level in shortest possible time. He also suggested that this may be achieved by identifying about 3/4 control centers which will convey message to another 3/4 control centers. By this way in 3 or 4 rounds the message could reach all destinations. Such mechanism is in practice at EHV level and has proved very successful. The representatives from DISCOMs have assured the Operation & Coordination Committee to look into the matter and prepare a plan for message communication.



## **ITEM NO 7 : SCADA/EMS RELATED ISSUES :**

### **7.1 PROGRESS OF INSTALLATION OF NEW RTUS ALONG WITH PLCC DATA LINKS AT EHV S/S :**

MPPTCL has informed that the procurement is under final stage.

**7.2 DISCREPANCY IN TELEMETERED VALUES RECEIVED FROM DIFFERENT EHV S/S & POWER STATIONS :** The SE(T&C), MPPTCL informed that action is being taken continuously for rectifying the discrepancy in telemetered values, however, some new points gets faulty. The field offices have been informed to continuously monitor and rectify the faulty telemetered values.

**7.3 UPGRADATION OF EXISTING RTUS :** SE(T&C), MPPTCL has informed that the matter is under process with the OEMs, M/s. Honewell has offered to finalise the work requirement at site on payment basis and M/s. ABB is not responding. Member OCC, proposed that ABB RTUs being almost 10 years old, possibility may be explored to replace about 50% ABB RTUs with new ones and these RTUs could be used for upgradation and maintenance of retained RTUs.

## **ITEM NO. 8 : Additional Agenda Point**

**8.1 Arrangement of spares for RTUs Installed at MPPGCL Power Stations :** Member Secretary, OCC pointed out that the spares for RTU's installed at MPPGCL power Station is required to be arranged on urgent priority basis as no spare CPU is available and outage of RTU-CPU of any RTU will lead to complete outage of telemetry. He also informed that the details of items and quality of required spares, as well as firm details, budgetary estimate etc has already been prepared and forwarded by SLDC to ED(O&M:Gen) vide UO No 107 dated 01-11-2010 with a request to arrange the procurement on priority. Representative of MPPGCL has confirmed that the spares for RTUs installed at MPPGCL Power Station will be procured shortly. Committee noted the same.

**8.2 Arrangement of CPU's for D20 RTU's Installed at MPPTCL S/S's :** Member Secretary, OCC pointed out that presently five number RTU's ( Boregaon, Satna 132KV, Katni 400KV, Tikamgarh 220KV & Bhopal 220KV) at EHV substations are not functioning due to non availability of spare CPU's. The outage of these CPU's are due to rodent entry into the RTU. Member Secretary, OCC requested SE(T&C), MPPTCL to issue suitable instruction to field offices for proper sealing of RTU to prevent rodent entry and also to repair/replace 5 Nos faulty CPU's. Alternatively, MPPTCL may arrange to place extension order placed by SLDC for procurement of Spares. SE(T&C), MPPTCL agreed to look into the matter.

## **ITEM NO. 9 : Any other issue with the permission of the chair:**

**9.1 Intra- State Long Term Open Access Customers:** The representative of Power System, MPPTCL has raised the issue of non furnishing of detailed list by Central DISCOM, of existing Intra State long term open access customers whose agreement period expired / likely to be expired. Chairman, OCC requested CENTRAL DISCOM to furnish the desired information to CE(PS) as soon as possible, Central DISCOM representative agreed for the same. Power System, MPPTCL has also informed that agreement of some of the existing Intra State long term open access customers whose agreement period expired / likely to be expired has not been renewed by the DISCOMs and requested the DISCOMs to look into the matter to avoid any future complication.

**9.2 Installation of ABT Meters at Station X'mer I & II at Satpura Power house-I :-** The SE(LD: ABT&OA) has requested MPPGCL representative to install ABT meters at Station X'mer I and II at Satpura Power House-I, so that the Sent out of Satpura Power House-I could be computed in 15-minutes time block basis. EE, GCC, MPPGCL has informed that the ABT meters at Station X'mer I & II at

Satpura Power House-I has already been installed and the details of ABT meters will be furnished to SLDC shortly. *(The details have not been received by SLDC so far, MPPGCL may please furnish the same)*

**9.3 Installation of ABT Meters at 33 KV feeders emanating from Bargi Left Bank Canal Head Power House** : The SE(LD: ABT&OA) has requested MPPGCL representative to install ABT meters at both 33KV feeders emanating from 2x5 MW Bargi Left bank canal head power house to compute the injection of power house. SE (O&M:Hydel) has assured that the ABT meters will be installed at the earliest.

**9.4 Discrepancy in ABT Meter of Gandhisagar- RPS-II feeder at Gandhisagar** : The SE(LD: ABT&OA) has informed that the ABT meter installed at 132KV Gandhisagar-RPS-II feeder is not recording correctly since long and required to be replaced immediately. SE (O&M: Hydel) assured to look into the matter at the earliest.

**9.5 Change in Polarity of ABT Meters** : The SE(LD: ABT&OA) has informed that the monthly data of some of the ABT Meters is received at SLDC with reverse polarity almost every month. In Response to above SE(T&C),MPPTCL has informed that the T&C officials do not change the polarity of the meters deliberately, it may get changed while changing other metering equipment. SE(LD:ABT&OA) has requested SE (T&C),MPPTCL that change in any metering equipment should be intimated to SLDC, so that the particular ABT meters at that sub-Station could be monitored carefully. SE(T&C) assured to intimate the same.

**9.6 Installation of ABT meters at newly commissioned X'mer / EHV Consumers** : The SE(LD: ABT&OA) has requested SE (T&C) to furnish the details of ABT meters installed on EHV consumer / new x'mer to SLDC before charging / commissioning the same, so that energy transmitted from the date of charging could be taken into account. SE(T&C) assured to intimate the same.

**ITEM No 10 : DATE AND VENUE OF NEXT OCC MEETING** : The 23<sup>rd</sup> meeting of Operation and Coordination Committee of MP shall be held on 21<sup>st</sup> January 2011 at MP Paschim Kshetra Vidyut Vitaran Co. Lid., Indore.

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