



MP POWER TRANSMISSION COMPANY LIMITED

STATE LOAD DESPATCH CENTRE, NAYAGAON, JABALPUR 482 008

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No.07-05/SG-9B-II/2119

Jabalpur, dated 15-11-2010

To

As per distribution list

Sub: Agenda of 22nd meeting of Operation and Coordination Committee of MP.

Dear Sir,

Please find enclosed herewith the Agenda of 22nd meeting of the Operation and Coordination Committee of MP **scheduled on 20th November 2010 at 11.00 AM** at SLDC, Jabalpur. The agenda is also available on the website of SLDC www.sldcmpindia.com.

It is also requested to please forward the information required for the meeting and the additional agenda points for inclusion, if any, to SLDC Jabalpur, so that the same could be included in the agenda for discussion in the meeting.

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

**AGENDA FOR 22ND MEETING OF OPERATION & COORDINATION COMMITTEE OF MP
TO BE HELD ON 20TH NOVEMBER 2010 AT 11.00 AM AT SLDC JABALPUR.**

ITEM NO. 1 : CONFIRMATION OF MINUTES : Minutes of 21st meeting of Operation & coordination committee of MP held on 15th September 2010 at Omkareshwar Hydel Power Station Sidhwarkut, Distt: Khandwa were forwarded to the committee members vide No. No.07-05/SG-9B-II/1916 dated 13-10-2010 and also uploaded on the SLDC website. No comments have been received from the members.

The committee may confirm the minutes.

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

2.1 Frequency Particulars : 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 are enclosed at 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

The Committee may like to note.

2.2 Operational Matters

2.2.1 Operational Discipline : System operated in terms of frequency profile for the months September & October 2010 is as given below for discussion by the committee :

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.

2.3.1 Voltage Profile : Date wise voltage profile at some of the important 400 KV and 220 KV substations during the months September & October 2010 is enclosed at 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	Volta ge	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	---	---

Committee may please note & discuss.

2.3.2 Status of Capacitor Banks in sub-transmission system : The information as submitted by DISCOMs in the 21st OCC meeting held on 15th September 2010 and by East DISCOM on 11th November 2011 is detailed 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	484	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 following additional information on 11.11.2010.:

SN	Particularas	WZ	EZ
1	MVAR capacity of connected capacitors in good condition	694.80 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.	792.20 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	1045.40 MVAR	NIL

It is requested that CZ & WZ DISCOM should furnish the updated status of capacitor banks in the above format so that the same could be discussed in the meeting.

[ACTION : DISCOMs]

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 as submitted by MPPTCL in the 21st OCCM is enclosed as annexure 2.4.1. The updated status may be furnished.

[Action: PS, MPPTCL]

2.4.2 U/F and df/dt Relay Operation

(i) **U/F and df/dt Relay Operation:** During September & October 2010, the frequency touched 48.8 Hz on 9 & Nil 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 is given in annexure 2.4.2

Committee may like to note.

(ii) **Defective u/f, df/dt relays :** In the 21st OCC meeting, the CE(PS) had submitted the list of following EHV substations where u/f relays are to be installed.

SN	Name of EHV Substation	Name of T&C circle
01	220 KV s/s Pipariya	Bhopal
02	220 KV s/s Ashta	Bhopal
03	132 KV s/s Shyampur	Bhopal
04	132 KV s/s Chhegaon	Indore
05	132 KV s/s Badgaon	Indore
06	132 KV s/s Kasrawad	Indore
07	132 KV s/s Petlawad	Indore
08	220 KV s/s Badod	Ujjain
09	132 KV s/s Zarda	Ujjain
10	132 KV s/s Mazawan	Satna
11	132 KV s/s Pawai	Satna

[ACTION : T&C, MPPTCL]

2.5 Power Cuts / Load restrictions/Differential Load Shedding by DISCOMS & group allocation to 33 KV feeders :

(i) Details of Discom wise Power cuts and Regulatory measures during September & October 2010 are enclosed at Annexure 2.5.

Committee may like to note

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 is enclosed in Annexure-3.1. This has been worked out on the basis of Demand Estimation as furnished by the DISCOMs and availability as furnished by the respective authorities for 2010-11.

[Committee may like to note]

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 25th for the next month. Similarly the demand estimation data for 2011-12 is to be furnished to SLDC by DISCOMs by 15th November 2010. The DISCOMs are requested to furnish the same in time. Tradeco may also furnish the details of bilateral/purchase/sale/banking for 2011-12.

[Action : DISCOMs/TRADECO]

3.3 Generating Units under planned outage and proposed maintenance programme :The details of Actual/proposed maintenance programme for April 2010 to March 2011 (R-9) as furnished by MPPGCL is given in Annexure-3.3.

[Committee May like to note]

3.4 Proposed shutdown programme of Transmission lines / Transformers : The proposed maintenance programme for the period 16th November to 15th January 2011 is annexed at Annexure-3.4.

[Committee May like to note]

3.5 Daily & weekly monitoring of power supply position: As per directives of the Energy Secretary, Govt of MP, the monitoring of power supply estimation is being done on weekly and daily basis. The same shall be discussed in the meeting.

3.6 Long Outages of transmission elements: 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 15 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.

[Action MPPGCL]

ITEM NO. 4 : OPERATIONAL STATISTICS FOR THE MONTH OF SEPTEMBER & OCTOBER 2010 : The details of actual generation, Schedule from Central Sector demand etc. are given in the following Annexure:

- Annex. 4.1 Unit wise actual Generation of MPPGCL thermal Units and station wise Generation of MPPGCL& NHDC Hydel Units.
- Annex. 4.2 Power Supply Position.
- Annex. 4.3 Hourly Average of Availability and Demand.
- Annex. 4.4 Hourly average schedule Vs Drawal of DISCOMs.
- Annex. 4.5 Monthwise target of Thermal Generation of MPPGCL

[Committee may like to note]

ITEM NO. 5 : SYSTEM DISTURBANCE IN MP DURING SEPTEMBER & OCTOBER 2010 : 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 : 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 has requested all utilities to send the tripping reports in time in the reporting format as enclosed as Annexure 6.1 of agenda & minutes of 21st OCCM. However, SLDC is not receiving the tripping event reports in the prescribed format. The utilities may instruct the field divisions to furnish the tripping report in the prescribed format as annexure 6.1.

[ACTION : MPPTCL/MPPGCL/NHDC]

6.2 Black-Start facilities and Schedule for Mock Exercise : In the 21st OCCM meeting it was agreed to furnish the information on monthly basis of trial run of DG sets for finalising the schedule of mock trial run of black start. The information has not been received from most of the hydel and thermal power stations. As requested earlier, as per IEGC 2010 monthly information may be furnished by NHDC and MPPGCL (for Hydro and thermal units) for each generating station so that schedule mock trial run of black start could be finalised for 2011 before December 2010.

ACTION : MPPGCL/NHDC

6.3 Preparation of contingency scheme by distribution companies: As informed earlier, CERC vide order dated 28.04.2010 in the Suo-motu petition no.246/2009, has directed, SLDC and Distribution Companies in the State to be prepared with contingency scheme to handle the unprecedented situations endangering the safety and security of the grid. The SLDC was further directed to ensure that such contingency schemes were placed in the control centers of all the Distribution Companies for their awareness and necessary action.

Accordingly the DISCOMs were requested to prepare contingency scheme in their respective control areas and to ensure that such contingency schemes were placed in the Control Centers of all the Distribution Companies for their awareness and necessary action. All the DISCOMs have furnished the contingency scheme and confirmed that a copy is available in the DCC control room. However, on scrutiny it has been observed that the contingency scheme furnished by DISCOMs is inadequate to handle contingency situations as by large contained only schedule load shedding scheme. In the 21st OCC meeting, CE(LD) requested the DISCOMs to prepare revised contingency plan in which 33 KV feeders with average loads should be identified for hand tripping in case of contingency situations. The DISCOMs had agreed to look into the matter and prepare the contingency plan accordingly. However, the revised contingency plan from DISCOMs is not received. The DISCOMs are requested to furnish their contingency plan for discussion in the OCC meeting.

[ACTION : West & Central DISCOM]

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 may submit the progress of providing new RTUs and required PLCC equipments at substations.

[Action S/S Cell, MPPTCL]

7.2 DISCREPANCY IN TELEMETERED VALUES RECEIVED FROM DIFFERENT EHV S/S & POWER STATIONS : The discrepancy in telemetered values from Power Stations & S/s is being brought to the notice of the concerned officials from time to time. Though the action is being taken for restoration of some of the parameters, many telemetered values are still not received correctly in SCADA system or are not extended / configured in the telemetry equipments in the field. The list of faulty telemetered values/process connections is detailed in annexure-7.2(i) & 7.2(ii).

[ACTION : T&C, MPPTCL & O&M :GEN,MPPGCL]

7.3 UPGRADATION OF EXISTING RTUS : The details of scope of work for upgradation of the existing RTUs on account of commissioning of new feeders and transformers has been worked out by SLDC and forwarded to OSD (T&C) in April 2010. In the 21st OCC meeting representative from T&C informed that the matter is under process with the OEMs.

Action- T&C, MPPTCL

ITEM NO. 8 : Any other issue with the permission of the chair:

ITEM No 9 : DATE AND VENUE OF NEXT OCC MEETING : It is proposed to hold 23rd meeting of Operation and Coordination Committee of MP on 22nd January 2011 at SLDC, Jabalpur. However, if any constituent of the OCC is willing to host the meeting the same shall be welcomed.

FREQUENCY PARTICULARS

Particulars	Sep-10		Oct-10	
INTEGRATED OVER AN-HOUR				
Maximum Frequency	50.27 Hz	Between 15.00 hrs & 16.00 Hrs on 22.09.10	50.29 Hz	Between 0300 Hrs & 0400 Hrs on 18.10.10
Minimum Frequency	49.18 Hz	Between 00.00 hrs & 01.00 Hrs on 10.09.10	49.58 Hz	Between 00.00 hrs & 01.00 Hrs on 20.10.10
Average Frequency	49.85 Hz		49.94 Hz	
INSTANTANEOUS FREQUENCY				
Maximum Frequency	50.79 Hz	AT 07.15 HRS ON 12.09.10	50.6 Hz	AT 14.05 HRS ON 31.10.10
Minimum Frequency	48.76 Hz	AT 18.40 HRS ON 30.09.10	49.07 Hz	AT 18.41 HRS ON 06.10.10

Percentage of time when frequency was :-

%age of time when frequency was	Sep-10	Oct-10
Below 48.5 Hz	0.00	0
Between 48.50 Hz and 48.8 Hz	0.01	0
Between 48.80 Hz and 49.2 Hz	0.35	0.01
Between 49.20 Hz and 49.5 Hz	1.47	0.94
Between 49.50 Hz and 49.7 Hz	5.76	7.65
Between 49.70 Hz and 50.2 Hz	80.13	86.74
Between 50.20 Hz and 50.3 Hz	7.73	3.87
Between 50.30 Hz and 51.0 Hz	4.55	0.79
Above 51.0 Hz	0.00	0
No. of times frequency touched 48.80 Hz	9	0
No. of times frequency touched 48.60 Hz	0	0
No. of times frequency touched 51.0 Hz	0	0

Voltage Profile During the Month of September 2010

Date	Indore		Itarsi		Bina		Gwalior		Nagda	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	424	406	431	411	422	390	423	382	429	410
2	428	410	431	409	426	398	426	390	429	408
3	421	410	426	411	421	398	425	386	432	417
4	422	406	427	407	421	398	425	386	430	410
5	425	403	427	403	422	385	426	380	431	410
6	422	402	427	410	424	400	423	3901	431	411
7	424	410	428	415	428	409	426	397	430	417
8	424	404	427	414	423	407	423	392	431	414
9	424	408	430	413	429	395	428	387	430	412
10	425	406	430	409	428	401	428	393	431	413
11	421	406	428	409	424	397	424	398	431	411
12	423	399	430	400	429	385	431	386	432	407
13	424	405	431	407	428	391	431	390	432	413
14	424	400	430	403	425	391	428	387	432	410
15	423	400	429	400	427	391	429	387	431	410
16	423	390	429	401	424	396	431	388	431	407
17	422	399	429	401	424	385	424	387	429	406
18	422	394	430	399	426	389	428	390	428	401
19	419	397	424	400	424	395	429	399	429	404
20	417	391	423	394	422	394	428	395	424	399
21	417	398	423	399	423	398	423	390	424	406
22	419	402	425	404	426	394	427	400	430	407
23	418	397	426	402	431	399	429	390	427	400
24	417	399	423	403	423	407	427	388	426	406
25	419	400	425	404	427	393	427	394	429	409
26	417	402	426	407	428	397	430	391	426	409
27	419	394	427	401	427	416	428	397	428	400
28	421	395	426	405	424	401	423	397	429	402
29	415	394	421	403	421	408	424	389	424	400
30	420	398	424	397	422	394	423	395	427	398
		398								
Max / Min	428	390	431	394	431	385	431	380	432	398

Voltage Profile During the Month of October 2010

Date	Indore		Itarsi		Bina		Gwalior		Nagda	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	419	399	425	407	425	403	427	397	427	403
2	418	399	426	403	426	403	427	411	427	405
3	419	399	423	403	420	400	426	401	432	407
4	414	394	422	402	419	404	424	405	427	404
5	419	393	426	405	424	410	424	407	430	400
6	416	397	426	408	421	404	422	405	429	407
7	416	397	426	408	419	401	422	408	429	407
8	416	395	422	403	420	401	420	396	430	409
9	420	401	420	401	423	411	424	405	428	403
10	415	392	420	399	418	404	423	402	424	399
11	416	394	421	400	419	402	422	401	426	402
12	421	396	423	400	422	407	424	406	431	404
13	421	393	426	400	425	409	422	405	431	401
14	425	388	428	395	425	406	426	401	431	394
15	419	401	424	407	425	408	426	404	428	407
16	420	396	424	405	424	410	426	402	429	399
17	423	401	430	411	431	410	428	412	431	406
18	421	386	428	397	426	404	424	402	430	393
19	422	383	428	394	420	403	418	401	430	390
20	420	387	425	400	423	407	420	401	428	392
21	420	395	425	405	418	405	417	396	428	402
22	421	399	428	407	424	403	427	402	428	406
23	417	386	422	402	421	408	422	402	427	390
24	416	389	424	398	422	401	428	402	424	391
25	416	379	424	393	423	398	425	403	426	385
26	419	382	424	396	420	395	422	391	428	391
27	416	382	423	394	419	397	422	395	426	390
28	413	386	423	397	422	397	425	396	423	392
29	418	384	426	399	426	402	422	402	426	391
30	416	389	424	400	422	407	424	405	426	395
31	418	393	424	401	422	404	423	403	425	398

**Datewise Under Frequency (48.8 Hz & 48.6 Hz) & Df / Dt Operation
in Madhya Pradesh**

Month : September-2010					Month : October 2010			
Date	U/F 48.8 Hz		48.6		U/F 48.8 Hz		48.6 Hz	
	No. of Occasion	MAX LOAD RELIEF IN MW	No. of Occasion	MAX LOAD RELIEF IN MW	No. of Occasion	MAX LOAD RELIEF IN MW	No. of Occasion	MAX LOAD RELIEF IN MW
1	0	0.0	0	0.0	0	0.0	0	0.0
2	0	0.0	0	0.0	0	0.0	0	0.0
3	0	0.0	0	0.0	0	0.0	0	0.0
4	0	0.0	0	0.0	0	0.0	0	0.0
5	0	0.0	0	0.0	0	0.0	0	0.0
6	2	29.8	0	0.0	0	0.0	0	0.0
7	0	0.0	0	0.0	0	0.0	0	0.0
8	0	0.0	0	0.0	0	0.0	0	0.0
9	0	0.0	0	0.0	0	0.0	0	0.0
10	0	0.0	0	0.0	0	0.0	0	0.0
11	0	0.0	0	0.0	0	0.0	0	0.0
12	0	0.0	0	0.0	0	0.0	0	0.0
13	0	0.0	0	0.0	0	0.0	0	0.0
14	0	0.0	0	0.0	0	0.0	0	0.0
15	0	0.0	0	0.0	0	0.0	0	0.0
16	0	0.0	0	0.0	0	0.0	0	0.0
17	0	0.0	0	0.0	0	0.0	0	0.0
18	0	0.0	0	0.0	0	0.0	0	0.0
19	0	0.0	0	0.0	0	0.0	0	0.0
20	2	24.6	0	0.0	0	0.0	0	0.0
21	0	0.0	0	0.0	0	0.0	0	0.0
22	0	0.0	0	0.0	0	0.0	0	0.0
23	0	0.0	0	0.0	0	0.0	0	0.0
24	0	0.0	0	0.0	0	0.0	0	0.0
25	0	0.0	0	0.0	0	0.0	0	0.0
26	0	0.0	0	0.0	0	0.0	0	0.0
27	0	0.0	0	0.0	0	0.0	0	0.0
28	0	0.0	0	0.0	0	0.0	0	0.0
29	0	0.0	0	0.0	0	0.0	0	0.0
30	1	90.1	0	0.0	0	0.0	0	0.0
31					0	0.0	0	0
TOTAL	5	Max Load 90.1	0	Max Load 0	0	Max Load 0	0	Max Load 0

DF/DT OPERATION IN MP SYSTEM

Nil

NOTE :- U/F 48.2 Hz Operation - NIL

HEALTHINESS OF SEQUENCE OF EVENT RECORDERS AND DISTURBANCE RECORDERS

SN	NAME OF POWER STATION/SUBSTATION	Name of Feeder	Details of SERs / DRs	Status	Time stamping whether provided GPS Synchronised	REMARK
1	ATPS					
2	SGTPS					
3	STPS					
4	BARGI HPS					
5	GANDHISAGAR HPS					
6	PENCH HPS					
7	BANSAGAR-I (TONS) HPS					
8	BANSAGAR-II (SILPARA) HPS					
9	BANSAGAR-III (DEVLOND) HPS					
10	BANSAGAR-IV (ZINNA) HPS					
11	RAJGHAT HPS					
12	MADHIKHEDA HPS					
13	BIRSINGHPUR HPS					
14	INDIRASAGAR HPS					
15	OMKARESHWAR HPS					
16	400 KV S/S BHOPAL					
17	400 KV S/S BINA					
18	400 KV S/S INDORE					
19	400 KV S/S NAGDA					

HEALTHINESS OF SEQUENCE OF EVENT RECORDERS AND DISTURBANCE RECORDERS

SN	NAME OF POWER STATION/SUBSTATION	Name of Feeder	Details of SERs / DRs	Status	Time stamping whether provided GPS Synchronised	REMARK
20	220 KV S/S RAJGARH					
21	220 KV S/S ITARSI					
22	220 KV S/S SATNA					
23	220 KV S/S GWALIOR					
24	220 KV S/S SEONI					
25	220 KV S/S SUKHA					
26	220 KV S/S NEPANAGAR					
27	220 KV PITHAMPUR					
28	220 KV NIMRANI					
29	220 KV BURWAHA					
30	220 KV JULWANIA					
31	220 KV BADOD					
32	220 KV PANDHURNA					
33	220 KV MALANPUR					
34	220 KV MEHGAON					
35	220 KV KATNI					
36	220 KV DAMOH					
37	220 KV SAGAR					
38	220 KV TIKAMGARH					

HEALTHINESS OF SEQUENCE OF EVENT RECORDERS AND DISTURBANCE RECORDERS

SN	NAME OF POWER STATION/SUBSTATION	Name of Feeder	Details of SERs / DRs	Status	Time stamping whether provided GPS Synchronised	REMARK
39	220 KV HOSHANGABAD					
40	220 KV BIRSINGHPUR					
41	220 KV REWA					
42	220 KV SIDHI					
43	132 KV WAIDHAN					
44	132 KV MORWA					
45	132 KV KOTMA					
46	132 KV BALAGHAT					
47	132 KV BANEGAON					
48	132 KV KARERA					
49	132 KV PICHHORE					
50	132 KV BINA					
51	132 KV GAROTH					
52	132 KV SUWASARA					
53	132 KV MANASA					
54	132 KV LAKHNADAUN					
55	132 KV SEONI					
56	132 KV JABALPUR					

Discoms wise Average Supply Hours

PARTICULARS	East Zone		Central Zone	
	Sep-10	Oct-10	Sep-10	Oct-10
Commissinary 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
Commissinary 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

**Anticipated Average Availability at MP Periphery: 2010-11
WITH BILATERAL**



Figures in MW

Particulars						Nov-10					Dec-10				
						0 to 06	06 to 12	12 to 18	18 to 24	Energy in MU	0 to 06	06 to 12	12 to 18	18 to 24	Energy in MU
Thermal (R-09)						1724	1724	1724	1724	1241	1987	1987	1987	1987	1478
Hydel						310	280	240	570	252	310	190	240	680	264
CSS						1690	1690	1690	1690	1217	1610	1610	1610	1610	1198
ISP						210	130	230	690	227	380	80	190	750	260
SSP						0	30	110	330	85	80	40	100	370	110
Omkareshwar						100	50	50	300	90	150	50	60	300	104
DVC						110	110	110	110	79	110	110	110	110	82
Rihand +Matatila						15	15	15	15	11	15	15	15	15	11
Banking+sale						580	125	67	226	180	940	80	-3	186	224
Total						4739	4154	4235	5654	3381	5582	4162	4309	6008	3731
Particulars	Jan-11					Feb-11					Mar-11				
	0 to 06	06 to 12	12 to 18	18 to 24	Energy in MU	0 to 06	06 to 12	12 to 18	18 to 24	Energy in MU	0 to 06	06 to 12	12 to 18	18 to 24	Energy in MU
Thermal (R-09)	1987	1987	1987	1987	1478	1987	1987	1987	1987	1335	1987	1987	1987	1987	1478
Hydel	310	70	90	630	205	50	20	30	470	96	50	0	30	430	95
CSS	1800	1800	1800	1800	1339	1860	1860	1860	1860	1250	1880	1880	1880	1880	1399
ISP	380	80	120	630	225	330	60	110	610	186	330	60	110	580	201
SSP	120	40	100	330	110	70	40	100	370	97	100	60	80	300	100
Omkareshwar	130	50	60	250	91	120	60	60	210	76	130	60	60	210	86
DVC	110	110	110	110	82	110	110	110	110	74	110	110	110	110	82
Rihand +Matatila	15	15	15	15	11	15	15	15	15	10	15	15	15	15	11
Banking+sale	950	105	13	213	238	825	80	-12	154	176	402	200	108	167	163
Total	5802	4257	4295	5965	3779	5367	4232	4260	5786	3300	5004	4372	4380	5679	3615

Basis of Anticipated Availability for 2010-2011

- 1 Central Sector :- Availability from Central Sector as per LGBR of WRPC, Mumbai including 200 MW for drought prone area of Bundelkhand.
- 2 Thermal :- As furnished by O&M : Generation , MPPGCL (as per R-9). & excluding Aux. Cons.
- 3 Hydel :- As furnished by O & M Hydel.
 - (a) Schedule of generation from Bansagar-III HPS shall depend upon requirement of water from Bansagar reservoir by Bihar Sate as per share.
 - (b) Schedule of Generation from Pench HPS shall depend upon reservoir level of Kheri dam of Govt. of MS Situated in down stream of Pench
 - (C) Schedule of generation for other HPS is also dependent on release of water allocated by WRD
- 4 ISP,OSP and SSP : As furnished by Respective Athourity.
- 5 Maheshwar : not considered due to uncertainty.
- 6 DVC : Considering Avaiability as furnished by MP Tradeco.

TENTATIVE MAINTENANCE PROGRAMME OF MPPGCL THERMAL UNITS FOR THE YEAR 2010-2011 R-09																							11/11/2010		
STATION	UNIT No.	AOH START	AOH COMP	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	No of Days	REMARKS								
AMK-II	3	20/Sep/10	31-Mar													193	C.O.H.								
AMK-II	4	1/Apr/10	26-Aug													148	C.O.H. R&M								
AMK-III	5	1/Sep/10	5-Oct													35	A.O.H.								
STP-I	1	22/Jun/10	18-Jul													27	A.O.H.								
STP-I	2	31/Jul/10	16-Sep													48	A.O.H.								
STP-I	3	Defrred														0	A.O.H.								
STP-I	4	31/May/10	26-Jun													27	A.O.H.								
STP-I	5	9/May/10	28-May													20	A.O.H.								
STP-II	6	6/Aug/10	25-Aug													20	A.O.H.								
STP-II	7	26/Sep/10	10-Nov													46	C.O.H. IP Rtr replace, HP blade & Gr.Tr.Replace								
STP-III	8	25/Jun/10	22-Jul													28	A.O.H.								
STP-III	9	1/Apr/10	12-Apr													12	A.O.H.								
SGTPS-I	1	26/Sep/10	15-Nov													51	A.O.H. HPH, HP Rotor,LP Last 2 Blade A/H Tube & Plate Replacement								
SGTPS-I	2	28/Aug/10	6-Oct													40	A.O.H. ID FAN IMPELLER & A/H Tube replacement								
SGTPS-II	3	16/Jul/10	4-Aug													20	A.O.H.								
SGTPS-II	4	7/Jul/10	2-Nov													119	C.O.H. HPT repair, HPBP valve replace								
SGTPS-III	5	12/Apr/10	30-Apr													19	A.O.H.								
Capacity under Planned Maintenance				330	620	141	183	183	273	463	701	596	556	693	871	890	750	540	120	120	120	120	120	120	
PLANNED MAINTENANCE %				11	21	5	6	6	9	16	24	20	19	24	30	30	26	18	4	4	4	4	4	4	4
AVAILABLE CAPACITY ON BARS AFTER PLANNED MAINTENANCE				2603	2313	2792	2750	2750	2659	2470	2232	2337	2240	2062	2043	2183	2393	2813	2813	2813	2813	2813	2813	2813	2813
THERMAL AVAILABILITYAFTER CONSIDERING FORCED & PARTIAL OUTAGES IN MW INCLUDING AUX. CONSUMPTION				1851	1884	1607	1375	1507	1164	1572	2048	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	

 A.O.H  C.O.H

**Proposed Shut down of 400 KV Lines / ICTs
(16 Nov-10 TO 15 Dec-10)**

Sr. No		CKT / ICT NO.	Outage Programme			REASON
			DATE	TIME		
				From	To	
1	400 KV SARNI - SEONI	SC	19.11.10	9.00	17.00	Post-monsoon maint.work.
2	400KV INDORE- NAGDA		23.11.10	9.00	18.00	Post-monsoon maint.work.
3	400KV ISP- NAGDA	SC	24.11.10	9.00	18.00	Post-monsoon maint.work.
4	400KV NAGDA- RAJGARH	I	25.11.10	9.00	17.00	Post-monsoon maint.work.
5	400KV NAGDA- RAJGARH	II	27.11.10	9.00	17.00	Post-monsoon maint.work.
6	400KV NAGDA- RAJGARH MAIN BAY	II	19.11.10	8.00	17.00	Post-monsoon maint.work.
7	315 MVA X'MER MAIN BAY	I	23.11.10	8.00	17.00	Post-monsoon maint.work.
8	315 MVA X'MER TIE MAIN BAY	I	24.11.10	8.00	17.00	Post-monsoon maint.work.
9	400 KV ICT TIE MAIN BAY	II	25.11.10	8.00	17.00	Post-monsoon maint.work.
10	400 KV ICT MAIN BAY	III	01.12.10	8.00	17.00	Post-monsoon maint.work.
11	400 KV ICT MAIN BAY	I	02.12.10	8.00	17.00	Post-monsoon maint.work.
11	400 KV TIE MAIN C.B. BAY	II	03.12.10	8.00	17.00	Post-monsoon maint.work.
220 KV LINES						
1	220 KV BAROD-KOTA		26.11.10	9.00	17.00	Post-monsoon maint.work.
2	220KV Damoh-PGCIL-SAGAR	II	29.11.10	9.00	17.00	Post-monsoon maint.work.
3	220 KV BAROD-MODAK		30.11.10	9.00	17.00	Post-monsoon maint.work.
4	220 kv Indore- East		16.11.10	7.00	17.00	Testing and maintenance work
5	220 kv Pithampur- Indore		18.11.10	7.00	17.00	Testing and maintenance work
6	220 Kv Badnagar- Indore		19.11.10	7.00	17.00	Testing and maintenance work
7	220 Kv Dewas - Indore		20.11.10	7.00	17.00	Testing and maintenance work
8	220 Kv Barwah-Indore	I	22.11.10	7.00	17.00	Testing and maintenance work
9	220 Kv Barwah-Indore	II	23.11.10	7.00	17.00	Testing and maintenance work
10	220 Kv South Zone- Indore	II	24.11.10	7.00	17.00	Testing and maintenance work

Unitwise / Stationwise Generation in MU				
A. Thermal				
Stn. Name	UNIT No.	Capacity MW	Sep-10	Oct-10
AMARKANTAK	3	120	4.46	0.00
	4	120	33.421	68.75
	PH II	240	37.881	68.75
	PH III	210	0.334	114.97
	TOT	450	38.215	183.72
SATPURA	1	62.5	33.044	33.40
	2	62.5	14.763	30.39
	3	62.5	29.661	25.38
	4	62.5	30.828	36.49
	5	62.5	29.007	31.79
	PH I	312.5	137.303	157.45
	6	200	46.27	101.01
	7	210	46.145	0.00
	PH II	410	92.415	101.01
	8	210	96.48	108.46
	9	210	71.605	108.02
	PH III	420	168.085	216.48
	TOT	1142.5	397.803	474.93
SANJAY GANDHI	1	210	57.052	0.00
	2	210	0	63.94
	PH I	420	57.052	63.94
	3	210	71.903	119.91
	4	210	0	0.00
	PH II	420	71.903	119.91
	PH III	500	273.208	326.84
	TOT	1340	402.16	510.69
MPPGCL THERMAL		2932.5	838.18	1169.35
AMARKANTAK POWER HOUSE-I RETIRED FROM SERVICE WEF 01.04.2009				
B. Hydel				
Station Name	Capacity MW	Sep-10	Oct-10	
GANDHISAGAR	115.0	0.48	10.45	
R.P.SAGAR	172.0	0.06	5.91	
J.SAGAR	99.0	7.19	4.79	
CHAMBAL	386.0	7.72	21.15	
M.P.CHAMBAL	193.0	3.86	10.57	
PENCH	160.0	34.05	56.88	
M.P.PENCH	107.0	22.70	37.92	
BARGI	90.0	61.40	35.88	
TONS	315.0	59.01	81.56	
BIRSINGHPUR	20.0	11.88	2.38	
B.SGR(DEOLONDH)	60.0	10.51	27.05	
B.SGR(SILPARA)	30.0	0.10	7.66	
RAJGHAT	45.0	0.47	0.64	
M.P.RAJGHAT	22.5	0.00	0.00	
B.SGR(JINHA)	20.0	0.00	2.32	
MADIKHEDA	60.0	1.47	2.29	
TOTAL HYDEL	1186.0	220.87	307.46	
MPPGCL Hydel	915.0	179.34	227.11	
MPSEB HYDEL Share	917.5	170.91	207.63	
C. NHDC				
Indira Sagar Hydel Project	1000	409.25	211.05	
Omkareshwar Hydel Project	520	170.98	85.10	

MP SUPPLY EXCLUDING AUXILIARY CONS.
in Million Units

S.No.	Particulars	Sep-10	Oct-10
1	MPSEB Thermal Availability	704.76	1001.99
2	MPSEB Hydel Availability	171.12	208.44
3	Indira Sagar	409.40	211.17
4	Omkareshwar	170.98	85.10
5	Schedule / Drawal From Central Sector	1143.05	1379.59
6	Schedule of DVC	41.30	53.20
7	Sardar Sarovar	463.34	152.09
8	Additional Power Purchase	0.00	17.18
9	Sale of Power	-29.07	-42.53
10	Banking of Power	-334.70	21.52
11	Energy Exchange	4.11	0.00
12	Unschedule Interchange	-89.89	186.75
13	Other Imp / Exp	76.61	82.56
14	Total MPSEB Supply excl. Aux. Cons.	2731.00	3357.04
15	Average Supply per Day	91.03	108.29
16	Maximum Daily M.P. Supply	105.22	115.65
17	Minimum Daily M.P. Supply	71.27	97.83
18	Registered Demand : MW	5726	6153
24	Unrestricted Demand : MW	6747	7058

Hourly Average Own Generation, Schedule Drawal, Actual Drawal & Demand
Month :- September 2010

FIGURES IN MW

Hrs.	FREQ.	Own Generation							Schedule from											Tot Avl.	Act. Drl	UI	Oth er Imp/Exp	DEMAND MET	Load Shedding			REST. DEMAND	UNRES T. DEMAND
		Ther. Incl Aux	Ther. Excl Aux	HYD.	ISP	OSP	Injection from STOA	Total	CSS	DV/ER	SSP	SEZ	Banking	Sale	Pur	Exchange	STOA	Rihand+Mata	Total						SCH	UNSCH	TOTAL		
1:00	49.99	1150	1047	291	667	287	-23	2268	1491	56	595	10	-434	-40	0	72	23	3	1774	4043	1955	180	0	4223	127	3	130	4227	4354
2:00	50.10	1155	1051	266	599	267	-24	2159	1494	56	595	10	-434	-40	0	72	24	3	1779	3938	2002	223	0	4161	117	3	121	4151	4268
3:00	50.12	1132	1030	233	534	241	-25	2013	1499	56	595	10	-434	-40	0	143	25	3	1856	3869	2086	230	0	4099	112	3	115	4087	4199
4:00	50.13	1132	1030	214	460	222	-25	1901	1499	56	595	10	-434	-40	0	167	25	3	1880	3781	2010	130	0	3911	160	0	160	3895	4055
5:00	49.96	1130	1028	197	445	194	-26	1839	1501	56	595	10	-434	-40	0	167	26	3	1882	3721	1864	-18	0	3703	160	0	160	3707	3867
6:00	49.91	1127	1026	176	442	187	-25	1806	1504	56	585	10	-434	-40	0	167	25	3	1876	3681	1648	-227	0	3454	197	6	203	3470	3667
7:00	50.05	1132	1030	156	422	186	-15	1779	1464	52	578	10	-348	-40	0	0	15	3	1735	3513	1552	-183	0	3331	108	3	111	3329	3437
8:00	50.15	1146	1043	154	404	190	-16	1776	1462	52	578	10	-348	-40	0	0	16	3	1733	3509	1503	-230	0	3279	162	8	170	3272	3434
9:00	49.99	1141	1038	158	413	190	-12	1787	1461	52	575	10	-348	-40	0	0	12	3	1725	3512	1598	-128	0	3384	194	21	215	3407	3601
10:00	50.04	1146	1043	182	439	194	-12	1847	1460	52	659	10	-468	-40	0	-57	12	3	1630	3477	1470	-159	0	3317	228	18	246	3331	3559
11:00	50.01	1149	1045	181	458	200	-6	1877	1449	51	665	10	-498	-40	0	-57	6	3	1589	3466	1532	-56	0	3410	252	15	267	3424	3676
12:00	49.99	1147	1044	192	472	207	-7	1909	1446	51	661	10	-498	-40	0	-57	7	3	1583	3492	1449	-134	0	3358	362	7	369	3366	3728
13:00	50.01	1161	1056	182	492	214	-7	1936	1431	51	658	10	-498	-40	0	-57	7	3	1565	3501	1385	-179	0	3322	308	4	312	3325	3633
14:00	49.94	1163	1059	160	474	208	-7	1893	1425	51	658	10	-498	-40	0	-57	7	3	1559	3452	1305	-254	0	3198	286	6	292	3210	3496
15:00	49.97	1162	1057	148	459	208	-7	1865	1426	51	626	10	-498	-43	0	-57	7	3	1525	3389	1300	-225	0	3165	304	13	317	3181	3485
16:00	50.04	1164	1059	152	437	203	-9	1843	1429	51	598	10	-498	-43	0	-57	9	3	1502	3344	1390	-111	0	3233	221	20	241	3250	3471
17:00	50.00	1168	1063	159	440	202	-8	1856	1431	51	587	10	-498	-40	0	-57	8	3	1494	3350	1440	-54	0	3296	109	23	132	3319	3428
18:00	49.91	1185	1079	195	587	234	-8	2086	1459	55	583	10	-458	-43	0	-57	8	3	1561	3647	1577	17	0	3664	86	28	113	3702	3787
19:00	49.68	1209	1100	411	804	283	-4	2594	1669	66	656	10	-524	-40	0	-57	4	3	1786	4380	1717	-69	0	4311	334	32	366	4385	4719
20:00	49.84	1230	1119	444	871	323	18	2775	1669	66	676	10	-524	-40	0	-57	-18	3	1784	4560	1675	-109	0	4451	386	52	437	4523	4908
21:00	49.86	1237	1125	439	882	335	18	2799	1669	66	676	10	-524	-40	0	-57	-18	3	1784	4583	1679	-104	0	4479	483	82	565	4580	5063
22:00	49.98	1224	1114	406	883	340	10	2753	1680	66	661	10	-524	-40	0	0	-10	3	1845	4598	1715	-130	0	4468	615	19	634	4490	5104
23:00	49.98	1201	1092	365	847	335	8	2647	1705	66	619	10	-531	-40	0	0	-8	3	1823	4471	1675	-148	0	4322	602	10	612	4335	4937
24:00	50.09	1170	1064	315	792	326	-12	2486	1702	66	601	10	-464	-40	0	0	12	3	1888	4374	1833	-56	0	4318	396	23	419	4329	4725
Avg.	49.99	1165	1060	241	572	241	-9	2104	1518	56	620	10	-465	-40	0	4	9	3	1712	3819	1640	-75	0	3744	263	17	279	3762	4025
00 TO 06 HRS.	50.03	1138	1035	230	524	233	-25	1998	1498	56	593	10	-434	-40	0	131	25	3	1841	3839	1927	86	0	3925	146	3	148	3923	4068
06 TO 12 HRS.	50.04	1143	1041	171	435	195	-11	1829	1457	52	619	10	-418	-40	0	-29	11	3	1666	3495	1517	-148	0	3346	218	12	230	3355	3573
12 TO 18 HRS.	49.98	1167	1062	166	482	211	-8	1913	1433	52	618	10	-491	-42	0	-57	8	3	1534	3447	1400	-135	0	3313	219	16	235	3331	3550
06 TO 18 HRS.	50.01	1155	1051	168	458	203	-10	1871	1445	52	619	10	-455	-41	0	-43	10	3	1600	3471	1459	-141	0	3330	218	14	232	3343	3561
18 TO 24 HRS.	49.90	1212	1103	397	846	324	6	2676	1682	66	648	10	-515	-40	0	-29	-6	3	1819	4494	1716	-103	0	4392	469	36	505	4440	4909

Hourly Average Own Generation, Schedule Drawal, Actual Drawal & Demand
Month :- October 2010

FIGURES IN MW

Hrs.	FREQ.	Own Generation							Schedule from													Tot Avl.	Act. Drl	UI	Oth er Imp/Exp	DEMAND MET	Load Shedding			REST. DEMAND	UNRES T. DEMAND
		Ther. Incl Aux	Ther. Excl Aux	HYD.	ISP	OSP	Injection from STOA	Total	CSS	DVC ER	SSP	SEZ	Banking	Sale	Pur	Exchange	STOA	Rihand+ Mata	Total	SCH	UNSCH						TOTAL				
1:00	49.88	1563	1422	377	505	157	6	2466	1761	68	63	10	28	0	79	0	-6	8	2011	4478	2449	437	0	4915	723	52	774	4984	5707		
2:00	49.94	1556	1416	345	436	128	2	2328	1759	68	63	10	75	0	86	0	-2	8	2068	4396	2480	412	0	4807	750	78	829	4894	5644		
3:00	49.98	1559	1418	331	348	107	-1	2204	1762	68	63	10	123	0	86	0	1	8	2122	4326	2537	415	0	4741	748	78	826	4822	5571		
4:00	50.01	1558	1418	278	306	83	-5	2079	1765	68	63	10	147	0	86	0	5	8	2154	4233	2463	309	0	4542	646	53	699	4593	5239		
5:00	49.88	1558	1418	275	228	69	-5	1985	1768	68	63	10	147	0	86	0	5	8	2156	4141	2415	259	0	4400	673	50	722	4467	5139		
6:00	49.82	1562	1422	261	144	67	0	1894	1789	68	63	11	147	0	76	0	0	8	2161	4055	2284	123	0	4178	655	54	709	4257	4913		
7:00	49.96	1573	1431	204	80	71	2	1788	1799	68	63	11	115	0	13	0	-2	8	2075	3864	2360	285	0	4149	603	77	680	4231	4835		
8:00	50.00	1575	1434	194	80	66	7	1780	1804	68	63	11	115	0	13	0	-7	8	2075	3855	2408	333	0	4188	890	84	974	4273	5163		
9:00	49.90	1575	1434	206	80	65	12	1797	1804	68	63	11	86	-58	0	0	-12	8	1970	3767	2297	326	0	4093	1179	117	1296	4225	5404		
10:00	50.00	1580	1438	195	76	67	12	1788	1781	68	235	11	-33	-73	0	0	-12	8	1984	3772	2081	97	0	3869	1240	128	1368	3997	5236		
11:00	49.94	1573	1431	190	72	67	17	1777	1756	68	252	10	-33	-84	0	0	-17	8	1961	3738	2196	235	0	3973	1069	149	1218	4130	5199		
12:00	49.90	1568	1427	190	76	66	20	1779	1756	69	252	10	-33	-83	0	0	-20	8	1960	3739	2102	143	0	3882	1188	92	1280	3987	5176		
13:00	49.94	1576	1434	182	76	70	21	1783	1760	69	252	10	-27	-86	0	0	-21	8	1965	3749	2293	328	0	4077	1270	63	1333	4148	5418		
14:00	49.85	1574	1432	165	68	70	21	1756	1759	69	242	10	-27	-86	0	0	-21	8	1954	3710	2148	194	0	3904	1227	63	1290	3988	5215		
15:00	49.86	1555	1415	174	68	68	22	1747	1757	69	106	10	-27	-81	0	0	-22	8	1821	3568	2049	228	0	3796	1028	167	1196	3983	5011		
16:00	49.85	1557	1417	176	68	68	22	1751	1759	69	63	10	-27	-78	0	0	-22	8	1782	3533	2050	268	0	3802	1022	122	1144	3945	4967		
17:00	49.84	1567	1426	202	104	77	21	1829	1786	69	63	10	-27	-77	0	0	-21	8	1812	3641	2116	304	0	3945	788	109	897	4076	4864		
18:00	49.80	1579	1437	327	323	114	20	2220	1812	69	75	11	-43	-75	0	0	-20	8	1836	4056	2029	193	0	4250	710	191	901	4468	5179		
19:00	49.99	1597	1454	457	616	194	16	2736	1777	68	495	11	-26	-83	0	0	-16	8	2234	4970	2221	-13	0	4957	984	46	1030	5004	5988		
20:00	50.07	1599	1455	466	662	232	14	2830	1782	68	574	11	-26	-103	0	0	-14	8	2299	5129	2443	144	0	5274	935	53	988	5316	6251		
21:00	50.04	1598	1454	469	670	250	10	2853	1792	68	584	11	-26	-101	0	0	-10	8	2327	5179	2565	239	0	5418	778	132	910	5544	6322		
22:00	50.10	1587	1444	421	650	246	8	2770	1802	68	557	11	-26	-100	0	0	-8	8	2311	5081	2696	385	0	5466	745	47	793	5499	6245		
23:00	49.95	1587	1445	413	631	216	14	2719	1774	68	225	10	4	-107	0	0	-14	8	1968	4687	2380	411	0	5098	855	57	911	5162	6017		
24:00	50.02	1589	1446	396	578	172	12	2604	1752	68	74	10	4	-98	0	0	-12	8	1806	4410	2197	391	0	4801	873	133	1006	4932	5804		
Avg.	49.94	1574	1432	287	289	116	11	2136	1776	68	192	10	25	-57	22	0	-11	8	2026	4170	2303	269	0	4439	899	91	991	4539	5438		
00 TO 06 HRS.	49.92	1559	1419	311	328	102	-1	2159	1767	68	63	10	111	0	83	0	1	8	2112	4271	2438	326	0	4597	699	61	760	4670	5369		
06 TO 12 HRS.	49.95	1574	1432	197	77	67	12	1785	1783	68	155	11	36	-50	4	0	-12	8	2004	3789	2241	236	0	4026	1028	108	1136	4140	5169		
12 TO 18 HRS.	49.86	1568	1427	204	118	78	21	1848	1772	69	134	10	-29	-80	0	0	-21	8	1862	3710	2114	253	0	3962	1008	119	1127	4101	5109		
06 TO 18 HRS.	49.90	1571	1430	201	98	72	17	1816	1778	69	144	10	3	-65	2	0	-17	8	1933	3749	2178	245	0	3994	1018	114	1131	4121	5139		
18 TO 24 HRS.	50.03	1593	1450	437	634	218	12	2752	1780	68	418	11	-16	-99	0	0	-12	8	2157	4909	2417	259	0	5169	862	78	939	5243	6105		

Hourly Average Schedule Drawal , Actual Drawal &Over(+)/Under(-) Drawal
Month :- September 2010

FIGURES IN MW

Hrs.	FREQ.	CZONE			EZONE			WZONE		
		SCH	ACTUAL	O/U DRL	SCH	ACTUAL	O/U DRL	SCH	ACTUAL	O/U DRL
1:00	49.99	1242	1428	186	1347	1484	137	1490	1372	-118
2:00	50.10	1214	1402	187	1327	1452	125	1438	1356	-82
3:00	50.12	1194	1381	187	1318	1424	106	1389	1333	-56
4:00	50.13	1171	1318	147	1302	1312	10	1340	1357	17
5:00	49.96	1156	1272	116	1291	1151	-140	1304	1362	58
6:00	49.91	1147	1138	-9	1284	987	-297	1289	1404	115
7:00	50.05	1095	1160	65	1231	834	-397	1218	1376	158
8:00	50.15	1087	1153	66	1226	822	-404	1209	1310	101
9:00	49.99	1087	1134	48	1224	1139	-85	1207	1437	229
10:00	50.04	1067	1100	33	1214	887	-327	1201	1328	127
11:00	50.01	1063	1141	78	1212	985	-227	1205	1298	93
12:00	49.99	1068	1102	34	1214	1031	-183	1220	1261	41
13:00	50.01	1079	1082	4	1220	1061	-159	1234	1238	4
14:00	49.94	1065	1059	-6	1209	987	-222	1214	1200	-14
15:00	49.97	1044	1034	-10	1185	1017	-168	1178	1157	-22
16:00	50.04	1032	1018	-14	1166	1006	-160	1152	1201	48
17:00	50.00	1032	1113	82	1167	950	-218	1150	1230	79
18:00	49.91	1097	1260	163	1222	949	-273	1252	1336	84
19:00	49.68	1313	1390	77	1430	1275	-154	1574	1573	-1
20:00	49.84	1366	1447	82	1473	1440	-33	1689	1552	-137
21:00	49.86	1376	1461	85	1436	1479	43	1707	1512	-195
22:00	49.98	1756	1498	-257	1495	1473	-22	1722	1533	-189
23:00	49.98	1354	1458	104	1461	1437	-23	1662	1463	-200
24:00	50.09	1330	1440	110	1440	1466	25	1618	1429	-189
Avg.	49.99	1185	1250	65	1296	1169	-127	1361	1359	-2
00 TO 06 HRS.	50.03	1187	1323	136	1312	1302	-10	1375	1364	-11
06 TO 12 HRS.	50.04	1078	1132	54	1220	950	-270	1210	1335	125
12 TO 18 HRS.	49.98	1058	1094	36	1195	995	-200	1197	1227	30
06 TO 18 HRS.	50.01	1068	1113	45	1207	972	-235	1203	1281	77
18 TO 24 HRS.	49.90	1416	1449	34	1456	1428	-27	1662	1510	-152

Hourly Average Schedule Drawal , Actual Drawal &Over(+)/Under(-) Drawal
Month :- October 2010

FIGURES IN MW

Hrs.	FREQ.	CZONE			EZONE			WZONE		
		SCH	ACTUAL	O/U DRL	SCH	ACTUAL	O/U DRL	SCH	ACTUAL	O/U DRL
1:00	49.88	1437	1421	-17	1466	1519	53	1544	2004	460
2:00	49.94	1459	1380	-79	1410	1479	69	1495	1969	474
3:00	49.98	1446	1354	-91	1447	1435	-12	1453	1964	511
4:00	50.01	1416	1348	-69	1428	1274	-155	1393	1943	551
5:00	49.88	1391	1343	-48	1411	1150	-261	1347	1928	580
6:00	49.82	1364	1261	-103	1393	1064	-329	1295	1917	622
7:00	49.96	1301	1293	-8	1344	991	-353	1209	1912	703
8:00	50.00	1300	1288	-11	1347	973	-374	1202	1912	710
9:00	49.90	1269	1179	-90	1317	909	-408	1166	2059	892
10:00	50.00	1259	1049	-210	1331	918	-414	1174	1886	712
11:00	49.94	1234	1094	-140	1325	1054	-271	1161	1838	677
12:00	49.90	1229	1095	-134	1317	1075	-242	1159	1751	593
13:00	49.94	1231	1101	-129	1322	1091	-231	1160	1886	726
14:00	49.85	1229	1054	-175	1324	993	-331	1154	1867	712
15:00	49.86	1189	995	-194	1264	1078	-186	1100	1768	668
16:00	49.85	1182	1035	-147	1247	1043	-204	1083	1704	621
17:00	49.84	1207	1200	-6	1265	1016	-249	1107	1691	584
18:00	49.80	1306	1286	-20	1342	1080	-262	1269	1743	474
19:00	49.99	1544	1529	-14	1606	1326	-280	1693	1971	278
20:00	50.07	1608	1618	10	1681	1492	-189	1824	2122	297
21:00	50.04	1620	1663	43	1697	1717	20	1854	2040	186
22:00	50.10	1596	1637	41	1686	1800	114	1824	2075	251
23:00	49.95	1510	1542	32	1530	1689	159	1662	1915	253
24:00	50.02	1445	1476	31	1433	1616	184	1531	1748	217
Avg.	49.94	1365	1302	-64	1414	1241	-173	1369	1901	531
LU		341	325	-16	353	310	-43	342	475	133
00 TO 06 HRS.	49.92	1419	1351	-68	1426	1320	-106	1421	1954	533
06 TO 12 HRS.	49.95	1265	1166	-99	1330	987	-343	1179	1893	714
12 TO 18 HRS.	49.86	1224	1112	-112	1294	1050	-244	1145	1776	631
06 TO 18 HRS.	49.90	1245	1139	-105	1312	1018	-294	1162	1835	673
18 TO 24 HRS.	50.03	1554	1578	24	1605	1607	1	1732	1978	247

TENTATIVE UNITWISE GENERATION TARGETS IN MUs YEAR 2010-11 R- 09													
POWER STATION	ACTUAL							ANTICIPATED					TOTAL
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
AMK #3	34	24	0	10	10	4	0	0	0	0	0	0	83
AMK #4	0	0	0	0	9	33	69	72	74	74	67	74	472
AMK PH II	34	24	0	10	18	38	69	72	74	74	67	74	555
AMK PH III	130	127	121	111	112	0	115	144	149	149	135	149	1442
AMK COMP.	164	151	121	121	131	38	184	216	223	223	202	223	1997
STP #1	35	34	23	11	31	33	33	32	33	33	30	33	364
STP #2	38	38	32	26	0	15	30	32	33	33	30	33	342
STP #3	34	33	25	26	34	30	25	32	33	33	30	33	369
STP #4	31	33	6	34	36	31	36	33	34	34	30	34	370
STP #5	30	11	33	32	35	29	32	32	33	33	30	33	364
STP PH I	167	149	118	128	136	137	157	162	168	168	151	168	1809
STP #6	127	105	81	95	37	46	101	101	104	104	94	104	1100
STP #7	119	91	83	101	89	46	0	70	108	108	97	108	1019
STP PH II	247	195	164	197	126	92	101	170	212	212	191	212	2119
STP #8	113	100	57	29	96	96	108	104	108	108	97	108	1124
STP #9	65	100	81	100	82	72	108	104	108	108	97	108	1133
STP PH III	178	200	137	130	178	168	216	209	216	216	195	216	2258
STP COMP.	592	545	419	454	439	398	475	541	595	595	538	595	6186
SGTPS#1	97	91	78	81	74	57	0	54	112	112	101	112	970
SGTPS#2	82	76	79	83	62	0	64	108	112	112	101	112	989
SGTPS PH I	179	167	157	164	136	57	64	162	223	223	202	223	1959
SGTPS#3	123	115	91	42	91	72	120	124	128	128	116	128	1277
SGTPS#4	132	115	88	18	0	0	0	103	128	128	116	128	957
SGTPS PH II	255	230	179	60	91	72	120	227	256	256	231	256	2234
SGTPS EXT	143	309	280	223	325	273	327	328	339	339	306	339	3530
SGTPS COMP.	577	706	616	448	552	402	511	717	818	818	739	818	7722
TOTAL	1333	1402	1157	1023	1121	838	1169	1474	1636	1636	1478	1636	15905
TENTATIVE UNITWISE PUF IN % YEAR 2010-11 R 09													
POWER STATION	ACTUAL							ANTICIPATED					TOTAL
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
AMK #3	39.62	27.11	0.00	11.43	10.74	5.16	0.00	0.00	0.00	0.00	0.00	0.00	7.87
AMK #4	0.00	0.00	0.00	0.00	9.87	38.68	77.00	83.00	83.00	83.00	83.00	83.00	44.89
AMK PH II	19.81	13.56	0.00	5.72	10.31	21.92	38.50	41.50	41.50	41.50	41.50	41.50	26.38
AMK PH III	85.76	81.33	80.07	70.81	71.81	0.22	73.59	95.40	95.40	95.40	95.40	95.40	78.39
AMK COMP.	50.59	45.18	37.37	36.09	39.01	11.79	54.87	66.65	66.65	66.65	66.65	66.65	50.65
STP #1	78.62	73.57	50.11	24.22	66.93	73.43	71.83	72.00	72.00	72.00	72.00	72.00	66.49
STP #2	83.44	81.90	71.81	54.91	0.00	32.81	65.36	72.00	72.00	72.00	72.00	72.00	62.41
STP #3	75.45	71.23	54.58	55.47	72.78	65.91	54.59	72.00	72.00	72.00	72.00	72.00	67.47
STP #4	68.01	70.78	13.30	72.07	76.88	68.51	78.47	72.40	72.40	72.40	72.40	72.40	67.59
STP #5	66.05	24.01	72.23	67.83	74.92	64.46	68.36	72.00	72.00	72.00	72.00	72.00	66.42
STP PH I	74.31	64.30	52.41	54.90	58.30	61.02	67.72	72.08	72.08	72.08	72.08	72.08	66.08
STP #6	88.52	70.29	56.55	64.07	24.74	32.13	67.88	70.00	70.00	70.00	70.00	70.00	62.80
STP #7	78.74	57.95	54.64	64.94	56.89	30.52	0.00	46.00	69.00	69.00	69.00	69.00	55.40
STP PH II	83.51	63.97	55.57	64.51	41.21	31.30	33.11	57.71	69.49	69.49	69.49	69.49	59.01
STP #8	74.57	64.06	37.51	18.74	61.19	63.81	69.42	69.00	69.00	69.00	69.00	69.00	61.13
STP #9	43.20	64.00	53.25	64.30	52.56	47.36	69.13	69.00	69.00	69.00	69.00	69.00	61.60
STP PH III	58.89	64.03	45.38	41.52	56.88	55.58	69.28	69.00	69.00	69.00	69.00	69.00	61.36
STP COMP.	71.94	64.08	50.96	53.43	51.64	48.36	55.87	65.79	70.02	70.02	70.02	70.02	61.81
SGTPS#1	64.38	58.55	51.78	51.99	47.47	37.73	0.00	35.75	71.50	71.50	71.50	71.50	52.71
SGTPS#2	54.12	48.44	52.00	53.28	39.46	0.00	40.93	71.50	71.50	71.50	71.50	71.50	53.77
SGTPS PH I	59.25	53.50	51.89	52.63	43.46	18.87	20.46	53.63	71.50	71.50	71.50	71.50	53.24
SGTPS#3	81.34	73.35	60.07	26.71	58.16	47.55	76.75	82.00	82.00	82.00	82.00	82.00	69.41
SGTPS#4	87.09	73.69	58.45	11.80	0.00	0.00	0.00	68.33	82.00	82.00	82.00	82.00	52.02
SGTPS PH II	84.21	73.52	59.26	19.26	29.08	23.78	38.37	75.17	82.00	82.00	82.00	82.00	60.72
SGTPS PH III	39.72	83.07	77.88	59.98	87.43	75.89	87.86	91.00	91.00	91.00	91.00	91.00	80.59

REPORTING OF OPERATIONAL EVENT /ACCIDENT

SN	Details of tripping incident	Description
i	Time & date of event	
ii	Location	
iii	Plant and/or equipment directly involved	
iv	Description and cause of event	
v	Antecedent conditions of load and generation, including frequency, voltage and flow in the affected area at the time of tripping including Weather Condition prior to the event	
vi	Damage to equipment, if any	
vii	Supply Interrupted (MW & MWh) and duration, if applicable.	
viii	Amount of Generation lost (MW & MWh), if applicable	
ix	Possibility of alternate supply arrangement	
x	Estimate of time to return service	
xi	All relevant system data including copies of record of all recording instruments including DR, ER, DAS etc:	
xii	Sequence of trippings with time:	
xiii	Details of relay flags:	
ivx	Remedial measure:	
xi	Recommendations for future improvement/repeat incident	
xii	Any other information	

**Name & Designation of the officer
Reporting the incident**

Sr.No	DESCRIPTION	status	telemetry value at SLDC	actual value at site
RTU name Chindwada 132 KV S/S				
1	132 KV TRB	CB	OPEN	OPEN
2	132/33 KV TRANSFORMER 2	OLTC	17	5
3	132/33 KV TRANSFORMER 2	CB	CLOSE	CLOSE
4	132/33 KV TRANSFORMER 3	MW	0	6
RTU name Pandurna 220 KV S/S				
1	220/132 KV TRANSFORMER	OLTC	N/C	4
RTU name Narsingpur 220 KV S/S				
1	220/132 KV TRANSFORMER 1	OLTC	N/C	7
2	220/132 KV TRANSFORMER 2	OLTC	N/C	5
3	132/33 KV TRANSFORMER 1	OLTC	N/C	6
4	NARSINGPUR220 KV-PIPARIYA	CB	FAULTY	
5	220/132 KV TRANSFORMER 2	MW	NOT AVAILABLE	
6	220/132 KV TRANSFORMER 2	MVAR	NOT AVAILABLE	
7	220/132 KV TRANSFORMER 2	CB	NOT AVAILABLE	
8	220 KV TRB	CB	FAULTY	OPEN
9	132/33 KV TRANSFORMER 2	MW	NOT AVAILABLE	
10	132/33 KV TRANSFORMER 2	MVAR	NOT AVAILABLE	
11	132/33 KV TRANSFORMER 2	CB	NOT AVAILABLE	
12	NARSINGPUR132 KV-BARMAN 2	MW	NOT AVAILABLE	
13	NARSINGPUR132 KV-BARMAN 2	MVAR	NOT AVAILABLE	
RTU name Jabalpur 220 KV S/S				
1	220/132 KV TRANSFORMER 1	CB	FAULTY	CLOSE
2	220/132 KV TRANSFORMER 2	CB	FAULTY	CLOSE
3	220 KV TRB	CB	FAULTY	OPEN
4	132 KV TRB	CB	FAULTY	OPEN
5	JABALPUR 132 KV- MADHOTAL	CB	FAULTY	CLOSE
6	220/132 KV TRANSFORMER 2	MW	206	70
7	JABALPUR220KV-BIRSINGHPUR 1 & 2	CB	NOT AVAILABLE	
8	132/33 KV TRANSFORMER 2	CB	FAULTY	CLOSE
9	JABALPUR-132KV BARGI 1& 2	MW	NOT AVAILABLE	
10	JABALPUR-132KV BARGI 1& 2	MVAR	NOT AVAILABLE	
RTU name KATNI 220 KV S/S				
1	220KV	FREQUENCY	N/C	49.44
2	220 KV BUS COUPLER	CB	FAULTY	CLOSE
3	220 KV TRB	CB	FAULTY	OPEN
4	220/132 KV TRANSFORMER 2	MW	NOT AVAILABLE	
5	220/132 KV TRANSFORMER 2	MVAR	NOT AVAILABLE	
6	220/132 KV TRANSFORMER 2	CB	NOT AVAILABLE	
7	220/132 KV TRANSFORMER 1 & 2	OLTC	NOT AVAILABLE	

NOTE:- KATNI 400 KV S/S & BOREGAON S/S RTUs ARE OUT OF ORDER.(CPU FAULTY)

Sr.No	DESCRIPTION	status	telemetry value at SLDC	actual value at site
RTU name Satna 220 KV S/S				
1	220/132 KV TRANSFORMER 2	OLTC	N/C	7
2	132/33 KV TRANSFORMER 1	OLTC	N/C	7
3	132/33 KV TRANSFORMER 2	OLTC	N/C	7
4	SATNA 220KV-SATNA PGCIL 2	CB	OPEN	CLOSE
5	SATNA 132 KV-PANNA	CB	FAULTY	CLOSE
6	SATNA 132 KV INTERCONNECTOR 2	CB	FAULTY	CLOSE
7	SATNA 132 KV 2	VOLTAGE	0	134
8	SATNA 132 KV-PRISM CEMENT	CB	NOT AVAILABLE	
9	SATNA 132 KV	MW	NOT AVAILABLE	
10	SATNA 132 KV	MVAR	NOT AVAILABLE	
11	SATNA 220 KV TONS 1 & 2	CB	NOT AVAILABLE	
12	SATNA 220 KV TONS 1 & 2	MW	NOT AVAILABLE	
13	SATNA 220 KV TONS 1 & 2	MVAR	NOT AVAILABLE	
RTU name Morwa 132 KV S/S				
1	MORWA 132KV-WAIDHAN	CB	FAULTY	CLOSE
2	132/33 KV TRANSFORMER 1	OLTC	N/C	7
3	132/33 KV TRANSFORMER 2	OLTC	N/C	7
4	132/33 KV TRANSFORMER 3	CB	NOT AVAILABLE	
5	132/33 KV TRANSFORMER 3	MW	NOT AVAILABLE	
6	132/33 KV TRANSFORMER 3	MVAR	NOT AVAILABLE	

NOTE:- SATNA 132KV S/S RTU IS OUT OF ORDER.(CPU FAULTY)

Sr.No	DESCRIPTION	status	telemetry value at SLDC	actual value at site
RTU name -Bina 400 KV S/S				
1	400/220 KV XMER III	CB	FAULTY	CLOSE
2	220KV BINA-BINA-1	MW	83	83
3	220KV BINA-BINA-2	MW	83	83
4	220KV TRB	CB	CLOSE	CLOSE
5	BINA 220 KV-GWALIOR 2	CB	OPEN	CLOSE
6	40KB TIE BKR 2	CB	CLOSE	CLOSE
RTU name -Bina 220 KV S/S				
1	BINA 132 KV-CAPACITOR BANK	CB	FAULTY	CLOSE
2	BINA 132 KV-GANGBASODA	CB	FAULTY	CLOSE
3	BINA 132 KV- BORL 1 &2	CB	NOT AVAILABLE	
4	BINA 132 KV- BORL 1 &2	MW	NOT AVAILABLE	
5	BINA 132 KV- BORL 1 &2	MVAR	NOT AVAILABLE	

RTU name -DAMOH 220 KV S/S				
1	DAMOH 220 KV SAGAR	MW	162	117
2	220/132 XMER NO-1	MW	0	70
3	220/132 XMER NO-1	MVAR	0	70

NOTE:- TIKAMGARH220 KV S/S RTU IS OUT OF ORDER.(CPU FAULTY)

SAGAR 132KV RTU IS OUT DUE TO PLCC LINK NON AVAILABILITY.

Sr.No	DESCRIPTION	status	telemetry value at SLDC	actual value at site
RTU name -Indore 400 KV S/S				
1	INDORE -ISP 400 KV II	CB	OPEN	CLOSE
2	INDORE -UJJAIN 220 KV	CB	OPEN	CLOSE
3	INDORE -DEWAS 220 KV	CB	OPEN	CLOSE
RTU Name INDORE NZ 220 KV S/S				
1	220 KV BUS 2	VOLTAGE	0	227
2	160 MVA XMER 1	OLTC	6	8
3	40 MVA XMER	OLTC	4	5
4	220 KV TRB	CB	FAULTY	OPEN
5	220 KV BUS COUPLER	CB	FAULTY	OPEN
6	STN. XMER	CB	FAULTY	CLOSE
7	220/132 XMER NEW	CB	NOT AVAILABLE	CLOSE
8	220/132 XMER NEW	MW	NOT AVAILABLE	48
9	220/132 XMER NEW	MVAR	NOT AVAILABLE	10
10	132/33 XMER NEW	CB	NOT AVAILABLE	CLOSE
11	132/33 XMER NEW	MW	NOT AVAILABLE	16
12	132/33 XMER NEW	MVAR	NOT AVAILABLE	5
RTU Name INDORE CHAMBLE132 KV S/S				
1	63 MVA XMER	OLTC	8	17
2	20 MVA XMER	OLTC	8	17
3	40 MVA XMER	OLTC	8	17
4	20 MVA XMER	CB	FAULTY	CLOSE
5	CHAMBLE132 KV-INDORE N.ZONE II	CB	FAULTY	CLOSE
RTU name -Indore S.ZONE 220 KV S/S				
1	160 MVA TRANSFORMER	OLTC	17	11
2	3X40 MVA TRANSFORMER I	OLTC	1	16
3	3X40 MVA TRANSFORMER II	OLTC	15	16
4	40 MVA TRANSFORMER I	OLTC	9#	11
5	40 MVA TRANSFORMER II	OLTC	17	4
6	160 MVA TRANSFORMER	CB	OPEN	CLOSE
7	IND S/Z TO CAT -1	CB	CLOSE	CLOSE
8	IND S/Z TO CHAMBLE	CB	OPEN	CLOSE
9	3X40 MVA TRANSFORMER II(132KV SIDE)	CB	CLOSE	CLOSE
10	IND S/Z TO UJJAIN	CB	FAULTY	CLOSE
RTU name Pitampur 220 KV S/S				
1	220 KV TRB	CB	FAULTY	OPEN
2	PITAMPUR 220 KV-RATLAM	CB	FAULTY	CLOSE
3	132/33 KV TRANSFORMER 2	OLTC	N/C	8
4	132/33 KV TRANSFORMER 3	OLTC	N/C	11
5	PITAMPUR 132 KV-HML	CB	FAULTY	OPEN
6	132 KV TRB	CB	FAULTY	OPEN
7	132 KV BUS COUPLE	CB	FAULTY	OPEN
8	132/33 KV TRANSFORMER 1	CB	CLOSE	CLOSE
9	132/33 KV TRANSFORMER 2	CB	OPEN	CLOSE
10	132/33 KV TRANSFORMER 3	CB	OPEN	CLOSE

RTU name Burwaha 220 KV S/S				
1	160 MVA XMER	OLTC	17	3
2	3X40 MVA XMER	OLTC	17	3
3	63 MVA XMER	OLTC	17	4
4	220 KV BUS COUPLER	CB	FAULTY	OPEN
5	220 /132 KV TRANSFORMER 1	CB	FAULTY	CLOSE
6	220 /132 KV TRANSFORMER 2 (132 KV SIDE)	CB	FAULTY	CLOSE
7	220 /132 KV TRANSFORMER2 (132 KV SIDE)	CB	FAULTY	CLOSE
8	BURWAHA 132KV-CHEGAON	CB	FAULTY	CLOSE
9	BURWAHA 220 KV NIMRANI	CB	FAULTY	CLOSE
RTU name Neapanagar 220 KV S/S				
1	160 MVA XMER	OLTC	1	9
2	3X40 MVA XMER	OLTC	17	15
3	63 MVA XMER	OLTC	17	5
4	220 KV TRB	CB	OPEN	OPEN
5	NEPA –CHEGAON 132 KV	CB	FAULTY	CLOSE
6	132/33 XMER (20 MVA) NEW	CB	NOT AVAILABLE	CLOSE
7	132/33 XMER (20 MVA) NEW	MW	NOT AVAILABLE	15
8	132/33 XMER (20 MVA) NEW	MVAR	NOT AVAILABLE	5

Sr.No	DESCRIPTION	status	telemetry value at SLDC	actual value at site
RTU name -NAGDA 400 KV S/S				
1	400/220 KV ICT I	OLTC	17	9
2	400/220 KV ICT II	OLTC	N/C	7
3	400/220 KV ICT III	OLTC	N/C	7
4	NGD –BINA 400 I & II	CB	NOT AVAILABLE	
5	NGD –RAJGRAH 400 I & II	CB	NOT AVAILABLE	
6	NGD –DEHGAON 400 I & II	CB	NOT AVAILABLE	
7	400/220 KV XMER 3	CB	NOT AVAILABLE	
RTU name NAGDA 220 KV S/S				
1	125 MVA TRANSFORMER	OLTC	9#	8
2	160 MVA TRANSFORMER	OLTC	17	12
3	40 MVA TRANSFORMER -II	OLTC	17	5
4	125 MVA TRANSFORMER (132KV)	CB	FAULTY	CLOSE
5	125 MVA TRANSFORMER	CB	OPEN	CLOSE
6	220 KV BUS COUPLER	CB	FAULTY	OPEN
7	220 KV BUS INTERCONNECTOR I & II	CB	FAULTY	CLOSE
8	160 MVA TRANSFORMER	CB	FAULTY	CLOSE
9	220/132 XMER NEW	CB	NOT AVAILABLE	CLOSE
10	220/132 XMER NEW	MW	NOT AVAILABLE	40
11	220/132 XMER NEW	MVAR	NOT AVAILABLE	15
12	220/33 XMER NEW	CB	NOT AVAILABLE	CLOSE
13	220/33 XMER NEW	MW	NOT AVAILABLE	10
14	220/33 XMER NEW	MVAR	NOT AVAILABLE	2
15	NAGDA 132 KV GRASIM	CB	NOT AVAILABLE	CLOSE
16	NAGDA 132 KV GRASIM	MW	NOT AVAILABLE	5
17	NAGDA 132 KV GRASIM	MVAR	NOT AVAILABLE	0
18	220/132 XMER (132 SIDE)	CB	FAULTY	CLOSE
19	NAGDA132KV RATADIYA	CB	CLOSE	CLOSE
RTU name DEWAS 220 KV S/S				
1	BUS COUPLER 132 KV	CB	OPEN	OPEN
2	DEWAS IC II	CB	FAULTY	OPEN
3	132 /33 KV TRANSFORMER 1	OLTC	N/C	8
4	132/33 KV TRANSFORMER 2	OLTC	N/C	7
5	220/132 KV TRANSFORMER 1	OLTC	N/C	7
6	220/132 KV TRANSFORMER 2	OLTC	N/C	7
7	DEWAS 220 KV -INDORE EAST	CB	FAULTY	CLOSE
8	DEWAS 220 KV -INDORE 400KV S/S	CB	FAULTY	CLOSE
9	DEWAS 132 KV -CHAPDA	CB	FAULTY	CLOSE
10	220/132 XMER NEW	CB	NOT AVAILABLE	CLOSE
11	220/132 XMER NEW	MW	NOT AVAILABLE	55
12	220/132 XMER NEW	MVAR	NOT AVAILABLE	10
13	132/33 XMER NEW	CB	NOT AVAILABLE	CLOSE
14	132/33 XMER NEW	MW	NOT AVAILABLE	25
15	132/33 XMER NEW	MVAR	NOT AVAILABLE	5

RTU name UJJAIN 220 KV S/S				
1	3X40 MVA TRANSFORMER	OLTC	5	11
2	220/132 KV TRANSFORMER 4	OLTC	N/C	6
3	160 MVA TRANSFORMER	OLTC	N/C	9
4	UJJAIN220 KV –JETPURA II	CB	CLOSE	CLOSE
5	63 MVA TRANSFORMER	CB	FAULTY	CLOSE
6	3X40 MVA TRANSFORMER (132 KV SIDE)	CB	FAULTY	CLOSE
7	UJJAIN220 KV –NAGDA 2	CB	FAULTY	CLOSE
8	UJJAIN220 KV –BADOD 1	CB	FAULTY	CLOSE
9	UJJAIN 132 KV -GHOSLA	CB	FAULTY	CLOSE
RTU name SHUJALPUR 220 KV S/S				
1	160 MVA TRANSFORMER -I	OLTC	2	10
2	20 MVA TRANSFORMER	OLTC	10	5
3	160 MVA TRANSFORMER II	CB	CLOSE	CLOSE
4	160 MVA TRANSFORMER II (132 KV SIDE)	CB	CLOSE	CLOSE
5	20 MVA TRANSFORMER	CB	OPEN	CLOSE
6	132 KV BUS COUPLE	CB	CLOSE	CLOSE
7	2X33 MVAR CAPACITOR BANK	CB	FAULTY	CLOSE
8	SHUJALPUR 220 KV-BHOPAL 2	CB	CLOSE	CLOSE
9	220/132 XMER NEW	CB	NOT AVAILABLE	CLOSE
10	220/132 XMER NEW	MW	NOT AVAILABLE	30
11	220/132 XMER NEW	MVAR	NOT AVAILABLE	5
RTU name SHAJAPUR132 KV S/S				
1	132/33 KV TRANSFORMER 1	OLTC	N/C	9
2	SHAJAPUR 132 KV-PANWADI	CB	CLOSE	CLOSE
3	132 KV BUS	VOLTAGE	134	130
4	132 KV BUS COUPLE	CB	FAULTY	OPEN
RTU name RATLAM 220 KV S/S				
1	132/33 KV TRANSFORMER 2	OLTC	N/C	7
2	RATLAM 132 KV-MEGHNAGAR	MW	27	28
3	220 KV TRB	CB	FAULTY	OPEN
4	RATLAM 132 KV-TRACTION 2	CB	FAULTY	CLOSE
5	RATLAM –BADNAGAR	CB	CLOSE	CLOSE
6	RATLAM - NAGDA 2 NEW	CB	NOT AVAILABLE	CLOSE
7	RATLAM - NAGDA 2 NEW	MW	NOT AVAILABLE	10
8	RATLAM - NAGDA 2 NEW	MVAR	NOT AVAILABLE	5
9	RATLAM - SAILANA NEW	CB	NOT AVAILABLE	CLOSE
10	RATLAM - SAILANA NEW	MW	NOT AVAILABLE	8
11	RATLAM - SAILANA NEW	MVAR	NOT AVAILABLE	5
12	RATLAM 132 KV-KHACHROD	CB	CLOSE	CLOSE
RTU name NEEMUCH 220 KV S/S				
1	220/132 KV TRANSFORMER 1	OLTC	N/C	7
2	220/132 KV TRANSFORMER 2	OLTC	N/C	8
3	NEEMUCH 132 KV INTER CONNECTOR II	CB	FAULTY	CLOSE
4	220 KV MAIN BUS	VOLTAGE	225	230
5	NEEMUCH 132 KV UDEYPUR	CB	FAULTY	CLOSE
6	132 KV BUS COUPLER	CB	FAULTY	CLOSE

Sr.No	DESCRIPTION	status	telemetry value at SLDC	actual value at site
RTU name BHOPAL 400 KV S/S				
1	400/220 KV TRANSFORMER 3	OLTC	N/C	5
2	400/220 KV TRANSFORMER 3	CB	FAULTY	CLOSE
3	BHOPAL 220 KV –SHUJALPUR I	CB	FAULTY	CLOSE
	400/220 KV TRANSFORMER 2	CB	FAULTY	CLOSE
	400 KV TIE BREKAR 3	CB	FAULTY	CLOSE
RTU name BHOPAL 220 KV S/S				
1	BHOPAL132 KV-CHAMBLE I	CB	FAULTY	CLOSE
2	BHOPAL132 KV- CHAMBLE II	CB	FAULTY	CLOSE
3	220 KV TRB	CB	FAULTY	OPEN
RTU name PIPARIA 132 KV S/S				
1	132/33 KV TRANSFORMER 1	OLTC	N/C	4
RTU name SARNI 220 KV S/S				
1	SARNI-SATPURA TPS 220 KV	CB	CLOSE	CLOSE
2	SARNI 220 KV TRB	CB	FAULTY	CLOSE
RTU name BAIRAGARH 220 KV S/S				
1	220 KV BUS I	VOLTAGE	127	225
2	220 KV TRB	CB	FAULTY	OPEN
3	BAIRAGRAH 220KV-LALGHATI II	CB	FAULTY	CLOSE
4	220/132 KV TRANSFORMER 1	CB	FAULTY	CLOSE
5	132/33 XMER	OLRC	17	10
6	220 KV BUS	FREQUENCY	N/C	49.78
7	BAIRAGRAH 132 KV BHOPAL NEW	CB	NOT AVAILABLE	CLOSE
8	BAIRAGRAH 132 KV BHOPAL NEW	MW	NOT AVAILABLE	19
9	BAIRAGRAH 132 KV BHOPAL NEW	MVAR	NOT AVAILABLE	8
10	220/132 XMER (160MVA) NEW	CB	NOT AVAILABLE	CLOSE
11	220/132 XMER (160MVA) NEW	MW	NOT AVAILABLE	30
12	220/132 XMER (160MVA) NEW	MVAR	NOT AVAILABLE	10
13	132/33 XMER (20 MVA) NEW	CB	NOT AVAILABLE	CLOSE
14	132/33 XMER (20 MVA) NEW	MW	NOT AVAILABLE	6
15	132/33 XMER (20 MVA) NEW	MVAR	NOT AVAILABLE	5
RTU Name HANDIA 220 KV S/S				
1	HANDIA –ITARSI 220 KV-1	MW	92	89
2	HANDIA –ITARSI 220 KV-1	MVAR	0	1
3	HANDIA –BARWAHA 220 KV	MW	161	157
4	HANDIA –BARWAHA 220 KV	MVAR	24	26
5	HANDIA –ITARSI 220 KV	CB	FAULTY	CLOSE
6	HANDIA –BURWAHA 220 KV	CB	FAULTY	CLOSE
7	220 KV TRB	CB	FAULTY	CLOSE
6	MEHGAON 132 KV RON	CB	FAULTY	CLOSE
7	132 KV BUS TRANSFER	CB	FAULTY	OPEN
8	132 KV INTERCONNECTOR	CB	FAULTY	CLOSE
9	HANDIA –ITARSI 220 KV-2	MW	NOT AVAILABLE	-57
10	HANDIA –ITARSI 220 KV-2	MVAR	NOT AVAILABLE	3

NOTE:- BHOPAL 220KV S/S RTU IS OUT OF ORDER.(CPU FAULTY)

Sr.No	DESCRIPTION	status	telemetry value at SLDC	actual value at site
RTU Name MALANPUR 220 KV S/S				
1	132/33 KV TRANSFORMER 4	CB	CLOSE	CLOSE
2	220 KV BUS COUPLER I	CB	FAULTY	CLOSE
3	220 KV BUS COUPLER II	CB	FAULTY	CLOSE
RTU Name MEHGAON 220 KV S/S				
1	220 KV BUS TRANSFER	CB	FAULTY	OPEN
2	220/132 KV TRANSFERMER	CB	FAULTY	CLOSE
3	MEHGAON 22KV- MALANPUR	CB	FAULTY	CLOSE
4	MEHGAON 22KV- AURIYA	CB	FAULTY	CLOSE
5	220/132 KV TRANSFERMER (132 KV SIDE)	CB	FAULTY	CLOSE
6	MEHGAON 132 KV RON	CB	FAULTY	CLOSE
7	132 KV BUS TRANSFER	CB	FAULTY	OPEN
8	132 KV INTERCONNECTOR	CB	FAULTY	CLOSE
RTU name GWALIOR 220 KV S/S				
1	132/33 KV TRANSFORMER 4	OLTC	N/C	9
2	132/33 KV TRANSFORMER 5	OLTC	N/C	9
3	GWALIOR 132 KV-BANMORE	CB	FAULTY	CLOSE
4	132 KV TRB	CB	FAULTY	OPEN
5	GWALIOR 132 KV-TRACTION I	CB	CLOSE	CLOSE
6	GWALIOR 132 KV-TRACTION II	CB	FAULTY	CLOSE
7	220/132 XMER I(132KV SIDE)	CB	CLOSE	CLOSE
RTU name GUNA 220 KV S/S				
1	220/132 KV TRANSFORMER	OLTC	N/C	3
2	220 KV BUS 2	VOLTAGE	N/C	227
3	220 KV TRB	CB	FAULTY	OPEN
4	220/132 XMER NEW	CB	NOT AVAILABLE	CLOSE
5	220/132 XMER NEW	MW	NOT AVAILABLE	30
6	220/132 XMER NEW	MVAR	NOT AVAILABLE	5

RTU NAME- Amarkanatak Thermal Power Station

Annexure 7.2(ii)

S.N	Description		Telemetry value at site	Telemetry value at SLDC
		OLD ISSUES- 24	NEW ISSUES- 2	ATTENDED- 2
1	ATPS 220 KV- Jabalpur	CB	CLOSE	FAULTY
2	ATPS 220/6.6 KV Stn Xmer II	CB	CLOSE	FAULTY
3	ATPS 220/132 KV Xmer 1(132kv)	CB	CLOSE	OPEN
4	ATPS 220/132KV Xmer 4 (132KV)	CB	CLOSE	OPEN
5	ATPS220KV-SIDHI	MW	90 MW	100 MW
6	ATPS220KV-SIDHI	MVAR	37 MVAR	20 MVAR
7	ATPS220KV-BRS220 III	MW	1 MW	10 MW
8	GENERATOR 5	CB	CLOSE	N/C
9	ATPS220KV-Rewa	CB	CLOSE	N/C
10	ATPS220KV-BRS220 III	CB	CLOSE	N/C
11	ATPS 220/6.6 KV Stn Xmer A	CB	CLOSE	N/C
12	ATPS 220/6.6 KV Stn Xmer B	CB	CLOSE	N/C
13	ATPS 220/6.6 KV Stn Xmer A	MW	9	8.9
14	ATPS 220/6.6 KV Stn Xmer A	MVAR	10	7.5
15	ATPS 220/6.6 KV Stn Xmer B	MW	9	9
16	ATPS 220/6.6 KV Stn Xmer B	MVAR	10	7.5
17	ATPS132/33 KV ICT 5	CB	CLOSE	FAULTY
18	ATPS132 KV 220/132 KV ICT -I	MW	18 MW	23
19	ATPS 132 KV Bus -1	VOLTAGE	133 KV	131 KV
20	ATPS132 KV-Waidhan	CB	close	FAULTY
21	132/33 KV TRANSFORMER 4	OLTC	6	N/C
22	132/33 KV TRANSFORMER 5	OLTC	6	N/C
23	GENERATOR 5 GT	MW		N/C
24	GENERATOR 5 GT	MVAR		N/C

RTU NAME- Birsingpur Thermal Power Station

		OLD ISSUES- 6	NEW ISSUES-8	ATTENDED- 3
1	BRS220 GEN 1	CB	CLOSE	FAULTY
2	BRS 220KV TRB	CB	OPEN	FAULTY
3	BRS220 KV IC 1	MW	13 MW	103 MW
4	BRS220 KV IC 1	MVAR	10 MVAR	0 MVAR
5	BRS 400 GENERATOR#5	CB	CLOSE	FAULTY
6	BRS 400/220 KV ICT	CB	CLOSE	FAULTY
7	BRS 400 BUS COUPLER	CB	CLOSE	FAULTY
8	BRS 400 BUS CUM TIE BKR.	CB	OPEN	FAULTY
9	BRS 400 DAMOH (PG) LINE-1	CB	CLOSE	FAULTY
10	BRS 400 MAIN BUS 1 VOLTS	VOLTS		N/C
11	BRS 400 MAIN BUS 1 FREQ	HZ		N/C
12	BRS 400 DAHOH -1	MW	14	0

RTU NAME- Satpura Thermal Power Station -I

		OLD ISSUES- 19	NEW ISSUES- 0	ATTENDED- 9
1	STPS PH I Stn Xmer I I I	CB	CLOSE	FAULTY
2	STPS PH I BUSCOUPLER I	CB	OPEN	FAULTY
3	STPS PH I TRB I	CB	OPEN	FAULTY
4	STPS PH I TRB II	CB	OPEN	FAULTY
5	STPS PH 2 GENERATOR 6 (GT)	MVAR	20	N/C
6	STPS PH 2 GENERATOR 7 (GT)	MVAR	15	N/C
7	STPS PH 2 MAIN BUS 1	VOLTAGE	226	N/C
8	STPS PH 2 MAIN BUS 1	FREQ.	49.90	N/C
9	STPS PH 2 MAIN BUS 2	VOLTAGE	228	N/C
10	STPS PH 2 MAIN BUS 2	FREQ.	49.93	N/C

RTU NAME- Madhikheda hydel Power Station

		OLD ISSUES- 9	NEW ISSUES- 0	ATTENDED- 0
1	GENERATOR 1	CB	OPEN	FAULTY
2	GENERATOR 2	CB	OPEN	FAULTY
3	GENERATOR 3	CB	OPEN	FAULTY
4	Madhikheda 132 Kv- Karera I	CB	OPEN	FAULTY
5	Madhikheda 132 Kv- Karera I I	CB	OPEN	N/C
6	Madhikheda 132 Kv- Karera I	MW	10	0
7	Madhikheda 132 Kv- Karera I	MVAR	5	0
8	Madhikheda 132 Kv- Karera II	MW	10	0

9	Madhikheda 132 Kv- Karera II	MVAR	5	0
RTU NAME- Tons hydel Power Station				
	OLD ISSUES- 4		NEW ISSUES- 1	ATTENDED- 0
1	STN. XMER	MW	0	2
2	STN. XMER	MVAR	1	0
3	GENERATOR 2	CB	CLOSE	faulty
4	GENERATOR 3	CB	TRANSIT	faulty
5	BUSCOUPLER	CB	FAULTY	faulty
RTU NAME- Bargi hydel Power Station				
	OLD ISSUES- 3		NEW ISSUES- 0	ATTENDED- 0
1	BARGI 132 KV –JABALPUR 2	CB	Close	faulty
2	GENERATOR 1	CB	OPEN	transit
3	STN. XMER	CB.	OPEN	Faulty
RTU NAME- PENCH hydel Power Station				
	OLD ISSUES- 1		NEW ISSUES- 0	ATTENDED- 0
1	GENERATOR 2	CB	open	transit
RTU NAME- Gandhi sagar hydel Power Station				
	OLD ISSUES- 7		NEW ISSUES- 2	ATTENDED- 4
1	132 KV BUS COUPLER	CB	OPEN	CLOSE
2	GENERATOR I	CB	OPEN	CLOSE
3	GENERATOR V	CB	OPEN	FAULTY
4	132/33 KV XMER	OLTC	9	6
5	132/33 KV XMER	CB	CLOSE	FAULTY
RTU NAME- Rajghat hydel Power Station				
	OLD ISSUES- 7		NEW ISSUES- 0	ATTENDED- 0
	RAJGHAT132 KV-LALITPUR	MW	0	5
	RAJGHAT132 KV-LALITPUR	MVAR	3	5
	RAJGHAT132 KV-LALITPUR	CB	CLOSE	CLOSE
	GENERATOR I	CB	FAULTY	OPEN
	GENERATOR II	CB	FAULTY	OPEN
	GENERATOR III	CB	FAULTY	OPEN
	132 KV BUS	VOLTAGE	139	129