MP POWER TRANSMISSION COMPANY LIMITED

STATE LOAD DESPATCH CENTRE, NAYAGAON, JABALPUR 482 008

email- sldcmpseb@yahoo.com website: www.sldcmpindia.com

Phone 0761-2702748 Fax 0761-2664343

No.07-05/SG-9B-II/713 Jabalpur, dated 22-04-2010

To

As per distribution list

Sub: 19th meeting of Operation and Coordination Committee of MP.

Dear Sir,

The 19th meeting of the Operation and Coordination Committee of MP shall be held at Sanjay Gandhi Thermal Power Station, Birsinghpur, Distt: Umaria, on 4th **May 2010 at 11.00 AM**.

The name of the contact persons for forwarding participation confirmation/travel plan is given hereunder :-

SN	Name of the officer	Designation	Mobile No
01	Shri S,M. Solapurkar	S.E.(HQ), SGTPS, MPPGCL, Birsinghpur.	9425808510
02	Shri Subhash Deshpande	E.E. o/o ED(O&M:Gen), MPPGCL, Jabalpur	9425806614

All the participant utilities are requested to submit the desired information/data to SLDC Jabalpur immediately along with request for additional agenda points. The agenda of the meeting is being uploaded on the SLDC website by 24th April 2010.

Thanking you.

Yours faithfully,

Sd/-

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

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 (Comml.), MP Power Trading Company, Jabalpur.	The General Manager, Omkareshwar Power Station, Prashsnik Bhawan, Urja Vihar, Sidhwarkut, Distt : Khandwa (MP) – 450 554.
The Addl Superintending Engineer, Sub Load Despatch Centre, MPPTCL, Indore	The Executive Director (Gen), Sanjay Gandhi Thermal Power Station, Birsinghpur.
The Executive Engineer, Sub Load Despatch Centre, MPPTCL, Bhopal	

AGENDA FOR 19TH MEETING OF OPERATION & COORDINATION COMMITTEE OF MP TO BE HELD ON 04TH MAY 2010 AT SGTPS, BIRSINGPUR.

ITEM NO. 1 : CONFIRMATION OF MINUTES

Minutes of 18th meeting of Operation & coordination committee of MP held on 18.01.2010 at Bhopal were uploaded on the SLDC website and intimation was given to all the members of the Committee vide Letter No. 07-05/SG-9B-II/464 dated 19-03-2010. No comments were received from the members.

The committee may confirm the minutes.

ITEM NO. 2 : REVIEW OF SYSTEM OPERATION DURING THE MONTH OF January 2010 to MARCH 2010.

2.1 Frequency Particulars

The detailed frequency particulars for the month of January 2010 to March 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
Jan 10	49.71 Hz	49.13 Hz	50.65 Hz	48.79 Hz	51.08 Hz
FEB 10	49.85 Hz	49.32 Hz	50.41 Hz	48.84 Hz	50.59 Hz
MAR 10	49.61 Hz	48.93 Hz	50.68 Hz	48.8 Hz	50.69 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 period January 2010 to March 2010 is as given below :

Month	% of time Frequency Below 49.2 Hz	% of time Frequency above 50.30 Hz	% of time frequency within the permissible range of 49.2-50.3 Hz	The average monthly frequency	No. of times frequency dipped below 48.8 Hz
Jan-10	3.43	1.50	95.07	49.71	4
Feb-10	0.35	1.63	98.37	49.85	0
Mar-10	5.99	1.71	92.30	49.61	44

The instances of significant violation of IEGC by the DISCOMs by overdrawing at frequency 49.2 Hz & below during the month of January 2010 to March 2010 is as detailed in the Annexure 2.2.1. The total number of blocks in which violation at frequency 49.2 Hz and below took place are as given hereunder :

MONTH	East Discom	Central Discom	West Discom	Total
Jan-10	13	4	19	36
Feb-10	1	0	2	3
Mar-10	137	23	138	298

Committee may like to discuss for proper load shedding management by each Discoms to avoid Instances of significant violation of IEGC.

The Committee may like to Discuss.

2.3.1 Voltage Profile

Date wise voltage profile at some of the important 400 KV and 220 KV substations during the month of January to March 2010 is enclosed at Annexure -2.3.

During the month of January to March 2010, the deviation of voltage from the accepted limit on either side was recorded at following location in MP Grid.

MAXIMUM VOLTAGE

Sr. No.	Name of Substation	JAN-10		FEB-10		MAR-10	
		Max. Voltage		Max. Voltage		Max. Voltage	
		Voltage	Date	Voltage	Date	Voltage	Date
1	Indore	426	10	423	20,28	--	--
2	Itarsi	430	13,26	428	12,25	429	18
3	Bina	--	--	425	9,25	426	28,31
4	Gwalior	428	02	432	09	425	07
5	Nagda	431	13	431	21	429	13

MINIMUM VOLTAGE

Sr. No.	Name of Substation	JAN-10		FEB-10		MAR-10	
		Min. Voltage		Min. Voltage		Min. Voltage	
		Voltage	Date	Voltage	Date	Voltage	Date
1	Indore	--	--	--	--	--	--
2	Itarsi	--	--	--	--	--	--
3	Bina	--	--	--	--	--	--
4	Gwalior	360	30	354	4,07	--	--
5	Nagda	--	--	--	--	--	--

The Committee may discuss.

2.3.2 Status of Capacitor Banks in sub-transmission system

The details of capacitor bank installation on 33 & 11 KV feeders were discussed in the last OCCM and as per the inputs given by the DISCOMs the status is as indicated below.

UTILITY	600 KVAR Capacitor Banks		1200 KVAR Capacitor Banks		Remark
	Ordered	Commissioned	Ordered	Commissioned	
East Zone	27	25	49	36	2 Nos 600 KVAR capacitors shall be commissioned by 1ST week of Feb' 10 and 13 Nos 1200 KVAR capacitors by end of Feb'10.
West Zone	410	392	196	180	Civil work for 5 Nos 600 KVAR and 9 Nos 1200 KVAR capacitors is completed and civil work is under progress for 6 Nos 600 KVAR and 6 Nos 1200 KVAR Capacitors. West DCC representative shall submit the schedule for balance 7 Nos. 600 KVAR and 1 Nos. 1200 KVAR Capacitors.
Central Zone	-	-	588	582	Balance 6 Nos. expected to be installed by end of Feb'10. Central Discom may confirm the same.

The DISCOMs may submit the current status and plan for 2010-11.

(**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 may be submitted by MPPTCL for discussion in the meeting.

(Action : Planning Cell)

2.4.2 U/F and df/dt Relay Operation

(i) The details of under frequency and DF/DT operation is given in annexure 2.4.2

The Committee may discuss.

(ii) Status of replacement of defective under frequency & df/dt relays and installation of under frequency & df/dt relays at 33 KV feeders at newly constructed EHV S/s may be furnished by T&C.

(Action : T&C)

2.4.3 Confirmation of Healthiness status of SERs/DRs equipment in the system

It was agreed by the MPPTCL & MPPGCL that the consolidated information regarding status of healthiness of DRs & SERs and GPS time stamping facility, shall be made available to SLDC in the first week of every month. The complied information is required for the OCCM of WRPC on monthly basis. It was also agreed that the information shall be limited to all Power Stations, All 400 KV substations, interstate EHV substations and other EHV substations that are connected to power stations or CS substations. The NHDC has started furnishing the data on monthly basis. However, Transmission and Generation companies have not started furnishing the consolidated information on DRs and SERs. It is

requested that O&M:Gen, MPPGCL and T&C, MPPTCL may start furnishing the information every month in the proforma attached as Annexure 2.4.3.

[**Action MPPGCL / 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 January 2010 to March 2010 are enclosed at Annexure 2.5.

(ii) **Schedule & Unschedule Load Shedding data** : The DCCs were requested to furnish to SLDC the hourly Schedule & Unschedule load shedding data including load relief from differential LS and weekly off in MW on daily basis to work out the unrestricted demand in realistic manner at the end of each day. The information is being received only from Central DCC in the prescribed format. The matter was also discussed in previous four OCC meetings in which East and West DISCOMs had agreed to furnish the data. However, despite repeated reminders and persuasions East and West DISCOMs have not started furnishing the data to SLDC. The DCCs may give the specific commitment and start furnishing the data at the end of each shift to SLDC so that unrestricted demand computation could be made correctly.

(iii) All the DISCOMs are requested to furnish the information of group allocation of 33 KV feeders emanating from various newly commissioned EHV sub-stations.

(Action DISCOMS)

ITEM NO. 3 : OPERATIONAL PLANNNING

3.1 Anticipated Power Supply Position for the Month of April-2010 to March 2011 and Demand estimation :

Details of Anticipated Demand and Source wise Availability for the period April 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.

As per MPERC regulation (MPEGC), the DISCOMs have to provide daily demand on month ahead by 25th for the next month. However, the data on daily demand on month ahead for the next month is not being submitted by any of the DISCOMs. The DISCOMs may give specific commitment to the OCC for the date from which they would start furnishing the data to SLDC.

The East DISCOM has not furnished the GroupWise/District wise load estimation for the period December 2010 to March 2011. East DISCOM may furnish the data immediately to SLDC.

(**Action DISCOMs).**

3.2 Generating Units under planned outage and proposed maintenance programme-

The details of proposed maintenance programme for April 2010 to March 2011 is given in Annexure-3.2.

Committee May like to note.

3.3 Proposed shutdown programme of Transmission lines / Transformers -

The proposed maintenance programme for the period 16th Apr to 15th May-2010 is annexed at Annexure-3.3.

3.4 Long Outages of transmission elements :

The transmission elements as detailed below are under long outages. The T&C, MPPTCL and O&M:Gen MPPGCL sections may give the schedule and work progress of bringing back these elements into service.

SN	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	Estimate approval is under progress since last six months.

Action MPPGCL/MPPTCL

ITEM NO. 4 : OPERATIONAL STATISTICS FOR THE MONTH OF JANUARY TO MARCH 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 Monthwise target of Thermal Generation of MPPGCL

The Committee may like to note.

ITEM NO. 5 : SYSTEM DISTURBANCE IN MP FOR THE MONTH OF JANUARY TO MARCH 2010.

There was no significant system disturbance reported during the period January to March 2010.

ITEM NO. 6 : REVIEW OF SYSTEM OPERATION & MANAGEMENT

6.1 Progress of functioning of Discom Control Centre (DCC)

Despite constant persuasion from SLDC, the West DISCOM has not taken up the load management functions. The MPERC has implemented the Balancing & Settlement code in the state from 1st November 2009 and all three DISCOMs have come under intrastate ABT regime. Under this situation it is the prime responsibility of each DISCOM to comply with the Balancing and Settlement code. The load management function by West DCC is a must. The West DISCOM may give their firm commitment

to the Committee to start performing the load management function otherwise SLDC shall have no option but to report to MPERC.

The East DISCOM is not managing the real time load generation balance by taking additional load shedding in case of overdrawal at low frequency and lifting of load shedding in case of underdrawal at high frequency. This is leading to serious grid indiscipline and threat to grid security. In case of repeated violation by MP, the WRLDC may take action as per CERC regulation and hence all the entities are required to follow the guidelines of real time operation as per relevant regulations. The SLDC has started issuing notices for grid violation to the DISCOMs and persistent non action may not be helpful in the managing the real time operations of the grid.

Action : West & East DISCOM.

6.2 PREPAREDNESS OF MPPGCL FOR IMPLEMENTATION OF BALANCING & SETTLEMENT CODE -

The MPERC has implemented the Balancing & Settlement code in the state from 1st November 2009. The matter of establishing full fledged ABT monitoring cells at thermal power stations and providing adequate communication facility at thermal and hydel power stations has been discussed in the last OCC Meetings. The MPPGCL has not submitted its report to SLDC in this regard. The MPPGCL may submit the report before the OCC meeting so that the same could be discussed in the meeting before submitting the report by SLDC to MPERC.

Action: MPPGCL

ITEM NO 7 : SCADA/EMS RELATED ISSUES :

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

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

(Action Planning, MPPTCL)

7.2 MAINTENANCE OF TELEMETERING EQUIPMENTS AT EHV STATIONS AND POWER STATIONS :

The maintenance of Remote Terminal Units installed in MPPTCL and MPPGCL power stations have to be finalized by the respective companies. The progress in this regard may be submitted in the OCC meeting. Action taken may be informed to the Committee.

(ACTION : T&C, MPPTCL & O&M : GEN, MPPGCL)

7.3 DISCREPANCY IN TELEMETRERED VALUES RECEIVED FROM DIFFERENT EHV S/S & POWER STATIONS :-

The discrepancy in telemetered values from Power Stations & S/s was brought to the notice of the concerned officials from time to time. Though the action is 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 telemetred values/process connections is detailed in annexure-7.3(i) & 7.3(ii).

(ACTION : T&C, MPPTCL & O&M :GEN,MPPGCL)

7.4 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). The MPPTCL may initiate action for upgradation of existing RTUs so that the telemetry of new feeders/transformers is available before coming Rabi season.

Action- T&C & Planning

7.5 SHIFTING OF OPGW IN PROPOSED DIVERTED ROUTE FROM 220 KV JABALPUR TO 400 KV SUKHA S/S

In the last OCC meeting, the representatives from Planning, MPPTCL informed that the order for procurement of OPGW cable has been placed and the OPGW shifting shall be done at the time of route diversion. The details regarding schedule of work and receipt of material may be intimated in the OCC meeting.

ACTION-PLANNING MPPTCL.

ITEM NO. 8: Intra-State Long Term Open Access Customers :-

The CE(PS) has desired that the Discoms may furnish the detailed list of existing Intra-State long term open access customers whose agreement period expired / likely to be expired. The DISCOMs may furnish the desired information in the format given in Annexure 8.1.

ITEM NO. 9:

Any other issue with the permission of the chair:

ITEM No. 9 : DATE AND VENUE OF NEXT OCC MEETING ::

It is proposed to hold 20th meeting of Operation and Coordination Committee of MP on 19th July 2010 at SLDC, MPPTCL, Jabalpur.

FREQUENCY PARTICULARS

Particulars	Jan-10		Feb-10		Mar-10	
INTEGRATED OVER AN-HOUR						
Maximum Frequency	50.65 Hz	Between 03.00 hrs & 04.00 Hrs on 02.10.09	50.41 Hz	Between 0200 Hrs & 0300 Hrs on 09.02.10	50.68 Hz	Between 0100 Hrs & 0200 Hrs on 02.03.10
Minimum Frequency	49.13 Hz	Between 09.00 hrs & 10.00 Hrs on 09.01.10	49.32 Hz	Between 22.00 hrs & 23.00 Hrs on 26.02.10	48.93 Hz	Between 04.00 hrs & 05.00 Hrs on 19.03.10
Average Frequency	49.71 Hz		49.85 Hz		49.61 Hz	
INSTANTANEOUS FREQUENCY						
Maximum Frequency	51.08 Hz	AT 03.04 HRS ON 02.01.10	50.59 Hz	AT 22.50 HRS ON 0	50.69 Hz	AT 01.06 HRS ON 02.03.10
Minimum Frequency	48.79 Hz	AT 16.42 HRS ON 08.01.10	48.84 Hz	AT 06.40 HRS ON 1	48.8 Hz	AT 21.16 HRS ON 18.03.10

Percentage of time when frequency was :-

	Jan-10	Feb-10	Mar-10
Below 48.5 Hz	0.00	0	0
Between 48.50 Hz and 48.8 Hz	0.00	0	0
Between 48.80 Hz and 49.2 Hz	3.43	0.35	5.99
Between 49.20 Hz and 49.5 Hz	23.37	8.11	27.5
Between 49.50 Hz and 49.8 Hz	34.06	35.5	34.53
Between 49.80 Hz and 50.2 Hz	35.04	51.54	19.62
Between 50.20 Hz and 50.3 Hz	2.60	2.87	10.65
Between 50.30 Hz and 51.0 Hz	1.49	1.63	1.71
Above 51.0 Hz	0.01	0	0
No. of times frquency touched 48.80 Hz	4	0	44
No. of times frquency touched 48.60 Hz	0	0	0
No. of times frquency touched 51.0 Hz	1	0	0

Violation by Discoms at Frequency >= 49.20 Hz : January 2010

Date / TIME	FRQ	CENTRAL DISCOM			EAST DISCOM			WEST DISCOM		
		SCH	DRL	O/D	SCH	DRL	O/D	SCH	DRL	O/D
20:07:30	49.05	1531	1141	-389	1404	1168	-236	1586	1657	**71**
20:08:15	49.01	1511	1194	-316	1386	1158	-228	1565	1844	**279**
20:14:45	49.02	1412	1310	-103	1295	1225	-70	1463	1688	**225**
20:17:15	49.13	1539	1460	-79	1412	1236	-175	1594	2117	**523**
20:18:45	49.14	1935	1863	-72	1775	1972	**197**	2004	2049	**44**
21:09:15	49.2	1698	1331	-367	1557	1632	**74**	1759	1989	**230**
21:11:15	49.13	1790	1458	-332	1642	1622	-20	1855	2093	**238**
22:11:15	49.13	1523	1352	-171	1397	1350	-47	1578	1735	**157**
22:12:15	49.18	1549	1409	-140	1421	1295	-126	1604	1810	**206**
23:12:15	49.17	1677	1332	-344	1538	1321	-217	1737	1975	**238**
24:10:00	49.08	1628	1345	-283	1494	1740	**246**	1687	2202	**515**
24:11:15	49.13	1691	1505	-185	1551	1690	**140**	1752	2109	**358**
24:12:30	49.17	1736	1535	-201	1592	1693	**101**	1798	1880	**82**
24:12:45	49.07	1735	1559	-177	1592	1670	**78**	1798	2018	**220**
26:06:30	49.2	1577	1946	**369**	1447	1580	**133**	1634	1446	-188
26:07:30	49.12	1635	1928	**293**	1500	1736	**236**	1694	1501	-193
27:18:15	48.96	1726	1710	-6	1583	1604	**31**	1788	1548	-229
27:18:30	49.14	1785	1835	**50**	1638	1676	**38**	1850	1854	**4**
27:22:15	49.09	1728	1611	-117	1586	1650	**65**	1791	1692	-99
28:05:30	49.13	1555	1420	-121	1426	1537	**123**	1611	1817	**220**
28:07:15	49.16	1554	1524	-11	1425	1499	**91**	1610	1539	-51
28:10:15	49.18	1543	1369	-175	1416	1350	-66	1599	1863	**264**
30:09:15	49.17	1659	1452	-207	1522	1506	-16	1719	1949	**230**
30:18:45	49.18	1802	1868	**66**	1653	1368	-286	1867	1927	**60**

Violation by Discoms at Frequency >= 49.20 Hz : February 2010

Date / TIME	FRQ	CENTRAL DISCOM			EAST DISCOM			WEST DISCOM		
		SCH	DRL	O/D	SCH	DRL	O/D	SCH	DRL	O/D
3:17:15	49.2	1416	1291	-124	1299	1200	-99	1467	1521	**54**
19:06:45	49.08	1313	1217	-96	1205	904	-301	1361	1426	**65**
25:16:30	49.2	1244	1135	-108	1141	1216	**75**	1289	1161	-128

Violation by Discoms at Frequency >= 49.20 Hz : March 2010

Date / TIME	FRQ	CENTRAL DISCOM			EAST DISCOM			WEST DISCOM		
		SCH	DRL	O/D	SCH	DRL	O/D	SCH	DRL	O/D
4:16:30	49.05	1294	999	-296	1187	1194	**7**	1341	1229	-112
4:19:15	49.09	2024	1765	-253	1857	1996	**145**	2097	1851	-239
5:04:45	49.18	1355	1402	**47**	1243	1451	**207**	1404	1364	-40
5:05:30	49.11	1382	1427	**45**	1268	1577	**310**	1432	1287	-145
5:05:45	49.08	1379	1442	**64**	1265	1596	**331**	1428	1293	-136
5:11:00	49.12	1334	1304	-30	1223	1264	**41**	1382	1289	-92
5:11:45	49.19	1336	1370	**34**	1226	1345	**119**	1384	1240	-144
5:12:15	49.08	1351	1274	-76	1239	1402	**163**	1399	1280	-119
5:14:30	49.08	1296	1234	-62	1189	1315	**126**	1342	1359	**16**
5:15:15	49.09	1342	1137	-205	1231	1340	**109**	1390	1275	-116
5:15:30	49.04	1334	1083	-250	1223	1327	**104**	1382	1269	-112
6:00:45	49.17	1449	1403	-47	1330	1342	**13**	1502	1534	**33**
6:01:45	49.16	1436	1348	-88	1317	1315	-2	1488	1517	**30**
6:04:00	49.2	1393	1084	-309	1278	1273	-5	1443	1489	**45**
6:09:15	49.15	1202	937	-265	1103	891	-211	1245	1273	**28**
6:11:15	49.19	1277	1346	**69**	1172	1313	**141**	1323	1232	-91
6:12:45	49.18	1344	1326	-19	1233	1409	**176**	1392	1229	-164
6:23:15	49.09	1923	1744	-179	1764	1741	-24	1993	2073	**80**
7:11:45	49.18	1348	1398	**52**	1236	1317	**83**	1396	1116	-278
8:09:15	49.04	1238	1272	**34**	1135	752	-384	1282	1484	**202**
9:05:30	49.06	1422	1395	-27	1304	1429	**124**	1473	1448	-25
9:05:45	49.14	1427	1403	-24	1309	1332	**23**	1478	1413	-65
9:09:15	49.13	1224	1431	**208**	1122	972	-151	1268	1016	-252
9:12:15	49.05	1388	1275	-113	1274	1317	**43**	1439	1266	-173
9:13:15	49.18	1304	1227	-77	1196	1321	**125**	1351	1266	-85
9:14:15	49.13	1306	1218	-89	1198	1292	**94**	1353	1266	-87
9:16:30	49.19	1279	1239	-40	1173	1178	**5**	1325	1266	-59
9:23:15	49.13	1940	1292	-650	1779	1527	-254	2010	2255	**243**
10:00:45	49.14	1548	1299	-248	1420	1357	-63	1604	1890	**287**
10:04:15	49.12	1376	1462	**86**	1262	1382	**120**	1425	1169	-256
10:05:00	49.08	1424	1462	**38**	1307	1368	**61**	1476	1329	-146
10:05:45	49.14	1432	1465	**33**	1313	1473	**160**	1483	1236	-247
10:09:30	49.07	1238	1373	**135**	1135	949	-186	1282	961	-321
10:10:15	49.18	1269	1361	**93**	1164	1138	-26	1315	961	-353
10:15:00	49.12	1294	1089	-204	1187	1190	**3**	1340	1329	-11
10:23:00	49.19	1926	1041	-885	1767	1630	-136	1995	2073	**78**
11:05:45	48.81	1391	1433	**42**	1276	1518	**242**	1441	1281	-160
11:09:15	48.95	1193	1073	-120	1095	690	-405	1236	1450	**213**
11:13:15	49.05	1299	1243	-55	1191	1249	**57**	1346	1371	**26**
11:19:30	49.12	2001	1815	-186	1835	1986	**150**	2073	1796	-277
11:22:30	49.2	1867	1687	-179	1713	1849	**136**	1934	1645	-289
11:23:15	49.1	1820	1536	-283	1669	1727	**57**	1885	1668	-217
12:11:15	49.15	1318	1183	-134	1209	1272	**64**	1365	1261	-104
12:11:45	49.11	1342	1215	-127	1231	1263	**32**	1390	1367	-23
12:12:15	49.18	1373	1223	-149	1259	1310	**51**	1422	1381	-41
13:04:30	49.2	1386	1340	-35	1271	1445	**183**	1435	1415	-10
13:05:30	49.17	1442	1372	-69	1322	1520	**197**	1494	1357	-136
13:10:15	49.08	1269	1086	-184	1164	1173	**9**	1315	1273	-42
13:10:45	49.05	1270	1094	-176	1165	1197	**32**	1316	1260	-56
13:11:15	48.99	1268	1238	-29	1163	1260	**98**	1313	1198	-115
13:11:45	49.15	1287	1217	-70	1180	1249	**68**	1333	1295	-38
13:12:15	49.03	1335	1150	-185	1225	1360	**135**	1383	1264	-120

Violation by Discoms at Frequency >= 49.20 Hz : March 2010

Date / TIME	FRQ	CENTRAL DISCOM			EAST DISCOM			WEST DISCOM		
		SCH	DRL	O/D	SCH	DRL	O/D	SCH	DRL	O/D
13:13:45	49.19	1325	1213	-112	1216	1150	-65	1373	1491	**118**
13:15:45	49.14	1269	1066	-203	1164	1084	-80	1315	1331	**16**
13:22:30	48.95	1825	1687	-138	1674	1884	**210**	1890	2059	**168**
13:23:15	48.97	1873	1629	-244	1718	1713	-5	1940	1996	**56**
15:04:30	49.19	1395	1251	-143	1279	1347	**68**	1445	1325	-120
15:04:45	49.06	1401	1292	-109	1285	1349	**64**	1452	1342	-109
15:05:30	48.82	1373	1312	-61	1260	1457	**197**	1423	1250	-173
15:06:45	49.16	1224	1102	-122	1122	954	-168	1268	1423	**156**
15:13:45	49.17	1280	1144	-136	1174	934	-241	1326	1417	**90**
15:14:15	49.1	1269	1018	-251	1164	740	-424	1315	1423	**108**
15:19:15	49.19	1755	1641	-114	1610	1951	**340**	1818	1743	-75
15:20:00	49.16	1754	1668	-85	1609	2006	**397**	1817	1683	-134
15:20:15	49.19	1754	1739	-16	1609	1863	**253**	1817	1667	-151
15:20:45	49.2	1734	1708	-26	1591	1791	**200**	1797	1617	-180
15:22:15	49.2	1696	1626	-70	1556	1787	**231**	1757	1660	-98
15:22:30	49.2	1702	1632	-71	1562	1732	**170**	1764	1631	-133
16:00:15	49.14	1484	1327	-157	1361	1335	-26	1538	1572	**34**
16:00:30	49.16	1432	1325	-106	1313	1298	-16	1483	1534	**50**
16:00:45	49.02	1390	1289	-101	1275	1283	**8**	1440	1533	**93**
16:01:00	49.03	1397	1295	-102	1282	1339	**57**	1447	1538	**90**
16:01:15	49.15	1412	1279	-133	1295	1219	-76	1463	1541	**78**
16:01:45	49.13	1406	1257	-148	1290	1218	-71	1456	1533	**77**
16:02:00	49.04	1417	1270	-147	1300	1158	-142	1468	1535	**66**
16:02:30	49.03	1383	1267	-117	1269	1061	-209	1433	1554	**121**
16:02:45	49.13	1387	1300	-86	1272	1083	-189	1436	1533	**97**
16:03:00	49.14	1388	1263	-124	1273	1074	-199	1438	1529	**91**
16:03:15	49.09	1399	1222	-177	1283	1233	-50	1449	1563	**114**
16:03:30	48.99	1400	1216	-184	1284	1252	-32	1450	1510	**60**
16:03:45	49.11	1405	1235	-171	1289	1270	-19	1456	1476	**20**
16:04:00	49.19	1403	1242	-161	1287	1291	**4**	1454	1464	**10**
16:04:15	49.13	1405	1238	-168	1289	1348	**59**	1456	1478	**22**
16:04:30	49.01	1402	1259	-143	1286	1372	**86**	1452	1459	**7**
16:04:45	49.17	1401	1328	-73	1285	1378	**93**	1451	1504	**52**
16:05:00	48.87	1397	1300	-97	1282	1375	**93**	1448	1508	**60**
16:05:15	48.81	1406	1305	-100	1289	1424	**134**	1456	1507	**51**
16:05:30	48.83	1412	1310	-102	1295	1456	**161**	1463	1360	-103
16:05:45	49.03	1415	1338	-76	1298	1535	**237**	1466	1361	-104
16:06:15	48.91	1256	1322	**66**	1152	1198	**46**	1301	1242	-59
16:13:15	49	1346	1172	-173	1234	1242	**8**	1394	1489	**94**
16:15:30	49.08	1151	980	-171	1056	1158	**102**	1193	1400	**208**
16:17:15	49.19	1252	1070	-182	1219	1221	**2**	1298	1383	**85**
16:17:45	49.09	1273	1155	-116	1237	1197	-39	1319	1336	**19**
17:00:30	49.16	1595	1377	-218	1533	1306	-227	1652	1659	**7**
17:01:45	48.97	1421	1334	-86	1374	1210	-163	1472	1594	**122**
17:02:45	49.17	1394	1330	-64	1349	1118	-231	1444	1594	**149**
17:03:15	49.18	1392	1259	-133	1347	1275	-72	1442	1581	**139**
17:04:45	49.15	1352	1391	**39**	1310	1414	**104**	1400	1413	**12**
17:05:15	49.02	1382	1370	-12	1337	1448	**111**	1431	1330	-102
17:05:30	49.1	1386	1416	**30**	1341	1502	**160**	1436	1347	-88
17:06:15	49.11	1275	1309	**34**	1240	948	-291	1321	1390	**69**
17:06:45	49.12	1240	1290	**51**	1208	803	-404	1285	1554	**270**
17:08:30	49.13	1193	1116	-77	1164	724	-440	1236	1538	**302**

Violation by Discoms at Frequency >= 49.20 Hz : March 2010

Date / TIME	FRQ	CENTRAL DISCOM			EAST DISCOM			WEST DISCOM		
		SCH	DRL	O/D	SCH	DRL	O/D	SCH	DRL	O/D
17:09:15	49.01	1223	1111	-112	1192	847	-344	1267	1535	**268**
17:11:15	49.18	1307	1192	-113	1269	1268	**1**	1354	1197	-156
17:14:30	49.15	1225	1167	-58	1193	1094	-100	1269	1480	**211**
17:14:45	49.2	1214	1173	-41	1184	1119	-65	1258	1500	**243**
17:15:45	49.1	1249	1040	-210	1216	1109	-108	1295	1494	**200**
17:16:15	48.97	1258	1016	-242	1224	1064	-159	1303	1435	**132**
17:16:45	49.12	1270	1043	-226	1235	1072	-163	1316	1414	**98**
17:17:15	49.2	1276	1078	-199	1241	1080	-161	1322	1359	**36**
17:19:00	49.2	1812	1680	-132	1732	1851	**119**	1877	1834	-43
17:19:15	49	1883	1717	-165	1797	1907	**111**	1950	1804	-145
17:19:45	49.19	1907	1717	-189	1819	1942	**124**	1976	1795	-179
17:21:15	49.06	1903	1894	-9	1816	1890	**74**	1972	1945	-26
17:21:30	48.98	1897	1861	-38	1810	1839	**26**	1966	1919	-49
17:22:00	49.19	1873	1805	-69	1789	1850	**61**	1941	1915	-26
17:22:15	49.13	1886	1745	-142	1800	1959	**159**	1954	1770	-185
17:22:30	49.04	1861	1739	-121	1777	1933	**156**	1928	1753	-175
17:22:45	49.07	1859	1714	-145	1775	1917	**142**	1926	1820	-107
17:23:00	49.08	1860	1675	-184	1776	1903	**128**	1927	1931	**4**
17:23:30	48.87	1807	1645	-162	1728	1490	-237	1872	1890	**18**
18:00:00	49.1	1689	1550	-140	1619	1432	-188	1750	1751	**1**
18:00:45	49.05	1456	1360	-96	1405	1310	-96	1508	1674	**165**
18:01:00	49.17	1463	1368	-94	1412	1253	-159	1516	1662	**147**
18:01:15	48.9	1432	1313	-119	1384	1239	-144	1484	1655	**172**
18:01:30	49.1	1445	1331	-114	1396	1246	-150	1497	1666	**168**
18:02:00	49.17	1437	1341	-96	1388	1182	-206	1489	1652	**163**
18:02:15	49.15	1414	1300	-114	1367	1152	-216	1465	1607	**141**
18:02:45	49.02	1364	1319	-46	1322	1098	-224	1414	1595	**182**
18:04:00	49.14	1374	1286	-88	1330	1370	**39**	1424	1468	**44**
18:04:30	49.14	1398	1386	-12	1352	1474	**121**	1448	1480	**31**
18:04:45	48.99	1402	1344	-58	1356	1482	**126**	1453	1312	-140
18:05:15	48.89	1387	1365	-22	1342	1540	**198**	1437	1334	-103
18:05:30	48.84	1415	1410	-5	1368	1488	**120**	1466	1352	-114
18:05:45	48.84	1392	1436	**40**	1347	1351	**1**	1443	1376	-71
18:06:15	48.95	1316	1296	-20	1277	924	-353	1364	1391	**27**
18:06:30	49.16	1325	1280	-46	1286	864	-422	1373	1501	**127**
18:06:45	49.12	1274	1205	-69	1239	815	-424	1320	1530	**210**
18:08:15	49.05	1141	1055	-87	1117	575	-542	1183	1491	**309**
18:08:30	49.02	1118	1056	-62	1096	638	-458	1159	1492	**333**
18:09:15	49.03	1139	1055	-84	1114	726	-389	1180	1519	**339**
18:09:30	49.17	1220	1147	-74	1189	708	-481	1264	1507	**243**
18:10:15	49.01	1257	1228	-28	1223	1118	-105	1302	1304	**2**
18:11:15	49.01	1262	1193	-69	1228	1248	**20**	1307	1384	**77**
18:12:15	48.91	1314	1183	-131	1275	1308	**33**	1361	1310	-51
18:12:45	48.99	1302	1149	-154	1265	1325	**60**	1349	1353	**3**
18:13:15	49.07	1278	1151	-127	1242	1272	**29**	1324	1398	**74**
18:13:45	49.1	1279	1159	-121	1243	1199	-45	1325	1447	**122**
18:14:15	49.18	1246	1153	-92	1213	1179	-34	1290	1342	**51**
18:14:30	49.13	1242	1137	-104	1209	1238	**29**	1287	1304	**18**
18:15:15	49.19	1185	1044	-141	1157	1214	**57**	1228	1262	**34**
18:15:45	49.14	1178	1049	-130	1151	1200	**50**	1221	1327	**106**
18:16:45	49.19	1188	1035	-153	1160	1164	**5**	1231	1270	**40**
18:18:15	48.87	1436	1306	-129	1387	1322	-65	1488	1523	**36**

Violation by Discoms at Frequency >= 49.20 Hz : March 2010

Date / TIME	FRQ	CENTRAL DISCOM			EAST DISCOM			WEST DISCOM		
		SCH	DRL	O/D	SCH	DRL	O/D	SCH	DRL	O/D
18:19:15	49	1860	1700	-160	1776	1929	**153**	1927	1897	-30
18:20:00	49.08	1881	1728	-153	1796	1879	**83**	1949	1861	-88
18:20:15	49.1	1891	1824	-67	1805	1825	**20**	1959	1854	-105
18:20:30	49.05	1886	1849	-36	1800	1896	**97**	1954	1908	-45
18:20:45	48.84	1881	1864	-17	1795	1911	**116**	1949	1923	-25
18:22:45	49.1	1800	1679	-121	1721	1668	-53	1865	2010	**145**
18:23:00	49.11	1805	1643	-163	1726	1730	**3**	1870	1965	**94**
18:23:15	48.9	1802	1597	-204	1723	1627	-96	1867	1945	**78**
18:23:30	48.93	1800	1580	-220	1721	1587	-134	1865	1895	**29**
19:00:45	49.04	1499	1339	-159	1445	1279	-166	1553	1665	**112**
19:02:15	49.01	1383	1290	-93	1339	1117	-222	1433	1547	**115**
19:02:30	49.03	1342	1289	-53	1301	1126	-175	1390	1486	**96**
19:02:45	49.16	1344	1303	-41	1303	1129	-174	1392	1486	**93**
19:03:00	48.95	1342	1285	-56	1301	1118	-182	1390	1451	**62**
19:04:00	49.13	1340	1264	-77	1300	1324	**24**	1389	1364	-25
19:04:15	48.93	1359	1268	-91	1316	1372	**56**	1407	1417	**9**
19:04:30	48.83	1370	1328	-42	1327	1424	**97**	1419	1436	**17**
19:04:45	48.81	1398	1324	-74	1353	1502	**149**	1449	1436	-13
19:05:00	48.92	1435	1336	-99	1387	1526	**139**	1487	1338	-149
19:05:15	48.89	1428	1368	-61	1380	1517	**137**	1479	1345	-134
19:05:30	48.9	1427	1368	-59	1379	1541	**162**	1478	1319	-160
19:05:45	48.94	1415	1417	**2**	1368	1372	**3**	1466	1334	-133
19:08:15	49.07	1120	1191	**71**	1097	668	-429	1160	1273	**113**
19:10:45	49.17	1318	1241	-77	1279	1166	-113	1366	1455	**89**
19:11:30	49.16	1340	1291	-49	1300	1278	-22	1389	1459	**71**
19:12:15	49.14	1342	1227	-114	1301	1348	**47**	1390	1305	-85
19:14:30	49.2	1243	1071	-172	1210	1209	-1	1288	1367	**79**
19:15:30	49.18	1175	1049	-127	1148	1268	**119**	1218	1275	**57**
19:16:30	49.16	1174	1008	-166	1147	1253	**106**	1216	1284	**68**
19:16:45	49.19	1171	1003	-168	1144	1252	**108**	1213	1256	**42**
19:17:15	49.19	1200	1060	-140	1171	1253	**82**	1243	1241	-3
19:20:30	49.19	1944	1851	-93	1853	1887	**34**	2014	1965	-49
20:02:15	49.2	1438	1366	-72	1389	1131	-258	1489	1610	**121**
20:14:45	49.16	1262	1109	-154	1228	1108	-120	1308	1538	**231**
20:16:30	49.18	1270	1165	-104	1235	1086	-149	1315	1336	**21**
20:19:15	49.17	1910	1712	-197	1822	1901	**80**	1979	1901	-77
22:11:15	49.08	1311	1236	-75	1273	1202	-70	1358	1377	**19**
22:16:30	49.09	1179	859	-320	1152	1189	**38**	1222	1009	-213
22:20:00	49.18	1960	1641	-320	1868	1927	**58**	2031	1774	-257
22:22:15	48.86	1882	1647	-235	1796	1873	**77**	1949	2006	**57**
22:22:30	49.09	1890	1666	-223	1803	1907	**104**	1958	2058	**100**
22:22:45	49	1892	1656	-236	1805	1896	**91**	1960	2021	**61**
22:23:15	49.02	1864	1591	-273	1780	1766	-14	1931	1984	**53**
23:01:30	49.12	1428	1302	-126	1380	1243	-137	1479	1553	**74**
23:01:45	49.19	1422	1292	-134	1375	1239	-139	1474	1526	**49**
23:05:00	49.2	1454	1312	-142	1404	1460	**57**	1506	1361	-145
23:05:30	48.98	1370	1323	-46	1326	1355	**29**	1419	1265	-154
23:21:15	49.15	1840	1589	-252	1758	1842	**84**	1906	1862	-45
23:21:30	49.15	1848	1795	-52	1765	1874	**110**	1914	1878	-36
23:22:15	48.95	1956	1648	-307	1864	1928	**64**	2026	2038	**12**
23:22:45	49.15	1975	1651	-325	1881	1908	**26**	2046	2104	**57**
23:23:00	49.14	1960	1632	-334	1868	1895	**21**	2031	2061	**24**

Violation by Discoms at Frequency >= 49.20 Hz : March 2010

Date / TIME	FRQ	CENTRAL DISCOM			EAST DISCOM			WEST DISCOM		
		SCH	DRL	O/D	SCH	DRL	O/D	SCH	DRL	O/D
23:23:15	49.04	1895	1593	-302	1808	1788	-19	1963	2025	**62**
23:23:30	49.13	1866	1588	-278	1782	1765	-17	1934	1977	**43**
23:23:45	48.85	1787	1551	-238	1709	1486	-225	1852	1909	**56**
24:01:15	49.19	1441	1282	-159	1392	1303	-89	1493	1616	**122**
24:01:30	49.03	1433	1302	-131	1384	1311	-73	1485	1605	**121**
24:02:15	48.92	1385	1277	-109	1340	1161	-180	1435	1541	**106**
24:02:30	49.11	1369	1301	-69	1326	1163	-163	1419	1565	**146**
24:04:15	49.1	1356	1257	-98	1314	1437	**124**	1404	1371	-33
24:05:45	49.09	1338	1155	-184	1297	1130	-168	1386	1326	-62
24:06:15	49.01	1176	1223	**47**	1149	896	-254	1219	1370	**151**
24:11:15	49.2	1144	1081	-63	1119	1120	**1**	1185	1134	-51
24:12:15	49.18	1171	1115	-56	1144	1187	**43**	1213	1121	-92
24:13:15	49.1	1174	1157	-17	1147	1114	-33	1217	1310	**93**
25:13:30	49.19	1242	1149	-93	1209	1170	-39	1286	1441	**155**
25:23:00	49.19	1931	1603	-328	1842	1911	**70**	2001	2107	**107**
26:01:30	49.2	1436	1348	-87	1387	1310	-77	1487	1610	**123**
26:01:45	49.08	1442	1346	-96	1393	1287	-106	1494	1596	**102**
26:02:45	49.18	1437	1319	-117	1388	1184	-204	1488	1577	**89**
26:03:45	49.15	1383	1242	-141	1339	1363	**24**	1433	1379	-54
26:04:15	49.1	1378	1218	-159	1334	1372	**38**	1427	1393	-34
26:05:45	49.11	1272	1202	-70	1237	1083	-153	1318	1319	**2**
26:12:15	49.19	1256	1192	-64	1223	1311	**89**	1302	1363	**61**
26:13:45	49.15	1258	1193	-65	1224	1181	-43	1303	1431	**128**
26:14:45	49.2	1242	1142	-100	1209	1239	**30**	1287	1433	**147**
26:17:45	49.13	1147	784	-363	1123	1236	**113**	1189	1257	**69**
26:20:15	49.16	1920	1800	-120	1831	1834	**3**	1989	1924	-65
26:22:30	49.19	1962	1650	-311	1869	1950	**81**	2032	2135	**102**
26:23:15	48.85	1898	1571	-329	1811	1761	-52	1967	2061	**92**
27:19:30	49.07	1892	1655	-237	1805	1884	**79**	1960	1825	-135

Voltage Profile During the Month of January 2010

Date	Indore		Itarsi		Bina		Gwalior		Nagda	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	421	396	423	399	411	388	413	370	427	404
2	424	395	426	397	420	384	428	363	429	397
3	423	399	421	403	414	397	416	380	427	406
4	416	393	419	396	410	396	413	373	426	400
5	417	399	420	402	413	392	413	371	426	406
6	419	400	423	402	414	393	415	364	428	407
7	420	406	424	407	415	404	417	382	427	410
8	422	404	423	403	417	400	420	476	427	409
9	422	401	423	405	412	396	413	374	427	404
10	426	407	424	409	413	397	406	377	430	409
11	420	399	422	400	407	392	411	371	424	402
12	420	400	423	403	415	391	412	365	426	403
13	424	399	430	404	424	408	427	371	431	403
14	423	403	427	406	416	396	416	370	428	406
15	421	399	423	402	409	390	409	370	427	402
16	421	396	426	402	415	391	414	369	427	398
17	420	399	424	403	410	392	412	373	424	403
18	420	399	424	403	408	396	412	374	424	403
19	422	410	424	400	416	398	415	372	424	403
20	420	399	424	403	408	390	409	368	424	403
21	422	408	424	408	411	394	409	374	422	408
22	423	404	429	407	421	396	423	371	427	404
23	421	402	422	403	410	393	407	369	421	399
24	420	407	422	409	411	398	409	373	419	404
25	423	399	424	403	409	388	407	364	426	397
26	425	400	430	409	421	403	417	377	427	400
27	418	402	423	405	415	396	412	371	425	402
28	416	402	422	409	411	401	409	378	426	406
29	411	396	417	402	404	391	403	370	422	404
30	419	393	424	399	412	388	410	360	425	402
31	420	403	424	406	414	394	412	369	425	406
Max / Min	**426**	**393**	**430**	**396**	**424**	**384**	**428**	**360**	**431**	**397**

Voltage Profile During the Month of FEBRUARY 2010

Date	Indore		Itarsi		Bina		Gwalior		Nagda	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	416	399	419	404	414	389	414	372	423	402
2	416	397	421	403	415	394	414	372	423	399
3	420	402	423	404	410	396	410	356	426	405
4	419	398	420	401	412	384	408	354	424	402
5	417	395	420	398	412	389	407	364	423	403
6	420	399	423	403	417	399	420	369	426	404
7	419	399	426	404	418	398	413	354	425	400
8	417	400	424	403	424	397	428	409	425	405
9	421	403	426	408	425	396	432	388	428	407
10	420	395	423	400	421	394	423	380	427	401
11	420	403	426	406	424	400	423	384	428	409
12	421	403	428	405	424	395	424	372	428	407
13	416	396	418	400	412	398	421	379	423	402
14	419	387	423	395	418	392	418	376	425	393
15	419	388	421	393	413	386	415	396	426	395
16	419	394	420	399	417	388	411	380	426	402
17	421	397	424	402	418	393	411	378	427	403
18	420	396	424	400	416	390	410	369	427	401
19	420	396	424	400	415	395	409	393	427	400
20	423	403	427	404	416	398	414	379	430	405
21	422	397	426	403	423	401	415	387	431	405
22	421	401	426	404	422	398	423	380	428	407
23	422	404	427	408	425	406	429	395	428	410
24	419	400	423	404	419	401	410	384	427	403
25	422	401	428	4069	425	400	416	375	429	406
26	418	401	422	406	422	397	421	370	426	407
27	421	400	425	405	421	400	421	387	430	405
28	423	402	426	406	421	401	421	389	430	407
Max	**423**	**387**	**428**	**393**	**425**	**384**	**432**	**354**	**431**	**393**

Voltage Profile During the Month of MARCH 2010

Date	Indore		Itarsi		Bina		Gwalior		Nagda	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	421	405	424	406	420	397	420	392	427	409
2	421	399	424	401	424	398	421	384	427	404
3	419	400	423	404	422	401	419	389	427	408
4	418	404	423	409	420	402	418	390	425	411
5	418	404	423	409	421	401	418	395	425	411
6	417	407	420	410	419	404	418	389	422	410
7	418	404	425	414	421	401	425	397	425	415
8	418	404	423	409	420	399	417	384	425	411
9	418	404	423	409	422	401	416	382	425	411
10	417	404	424	409	415	395	413	381	423	408
11	416	398	424	406	415	399	413	372	423	400
12	420	404	426	405	419	402	416	382	428	409
13	421	402	427	410	420	402	418	383	429	406
14	419	409	428	413	415	395	413	381	426	413
15	420	411	427	414	422	405	419	391	424	411
16	414	403	422	411	416	401	413	386	422	410
17	418	409	426	414	420	402	417	388	423	411
18	419	401	429	409	424	402	421	391	420	412
19	416	404	420	409	421	395	418	384	423	410
20	415	404	421	406	420	397	418	388	423	410
21	416	402	422	408	422	403	420	391	424	412
22	416	402	422	408	422	403	420	391	424	412
23	416	402	422	408	422	403	420	391	424	412
24	416	403	424	411	422	406	415	388	426	410
25	417	403	426	409	421	402	419	388	426	409
26	417	401	424	407	413	398	417	411	425	405
27	420	400	427	409	423	399	418	394	428	407
28	419	406	425	414	426	404	424	398	427	413
29	418	401	426	409	424	404	420	394	424	405
30	419	403	428	409	424	404	420	394	426	409
31	421	404	428	410	425	411	422	400	428	410
Max	**421**	**398**	**429**	**401**	**426**	**395**	**425**	**372**	**429**	**400**

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

Month : January-2010					Month : February 2010				Month : March 2010			
Date	U/F 48.8 Hz		Df/Dt		U/F 48.8 Hz		Df/Dt		U/F 48.8 Hz		Df/Dt	
	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	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	0	0.0	0	0.0
2	0	0.0	0	0.0	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	0	0.0	0	0.0
4	0	0.0	0	0.0	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	0	0.0	0	0.0
6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
8	**1**	**10.5**	0	0.0	0	0.0	0	0.0	1	**209.2**	0	0.0
9	**3**	**49.0**	0	0.0	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	0	0.0	0	0.0
11	0	0.0	0	0.0	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	0	0.0	0	0.0
13	0	0.0	0	0.0	0	0.0	0	0.0	7	**224.9**	0	0.0
14	0	0.0	0	0.0	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	0	0.0	0	0.0
16	0	0.0	0	0.0	0	0.0	0	0.0	1	**48.8**	0	0.0
17	0	0.0	0	0.0	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	0	0.0	0	0.0
19	0	0.0	0	0.0	0	0.0	0	0.0	1	**85.4**	0	0.0
20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
21	0	0.0	0	0.0	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	1	**114.6**	0	0.0
23	**1**	**47.8**	0	0.0	0	0.0	0	0.0	1	**8.4**	0	0.0
24	0	0.0	0	0.0	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	0	0.0	0	0.0
26	0	0.0	0	0.0	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	0	0.0	0	0.0
28	0	0.0	0	0.0	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	0	0.0	0	0.0					0	0.0	0	0.0
31	0	0.0	0	0.0					0	0.0	0	0
TOTAL	**5**	**49.00**	**0**	**0.00**	**0**	**0.00**	0	**0.00**	**12**	**224.90**	0	**0.00**

DF/DT OPERATION IN MP SYSTEM

DATE	TIME	Freq Setting	ACTUAL	MAX LOAD RELIEF IN MW
03-Jan-10	15:55	49.9 Hz (0.1 Hz/sec)	4.0	4.0
15-Jan-10	6:19	49.9 Hz (0.1 Hz/sec)	22.0	22.0
11-Jan-10	6:03	49.9 Hz (0.2 Hz/sec)	78.0	78.0

NOTE :- U/F 48.2 Hz Operation - **NIL**

Annexure 2.4.3.

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					

Annexure 2.4.3.

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					

Annexure 2.4.3.

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					

Annexure-2.5

Discoms wise Average Supply Hours

PARTICULARS	East Zone			Central Zone		
	Jan-10	Feb-10	Mar-10	Jan-10	Feb-10	Mar-10
Commissinary HQ	22:23	22:02	22:02	23:02	22:25	22:05
District HQ	18:55	17:57	18:03	20:27	17:57	19:56
Tehsil HQ	14:46	13:22	13:41	14:49	13:22	14:16
Rural -3Phase	8:11	6:06	6:32	8:52	6:06	6:45
Rural -1Phase	2:34	3:23	4:00	2:49	3:23	4:00
Total Rural	10:45	9:29	10:32	11:41	9:29	10:45
PARTICULARS	West Zone			MP		
	Jan-10	Feb-10	Mar-10	Jan-10	Feb-10	Mar-10
Commissinary HQ	22:57	22:37	22:36	22:42	22:14	22:05
District HQ	19:52	19:15	19:15	19:35	18:46	18:55
Tehsil HQ	15:16	14:36	14:27	14:55	14:07	14:05
Rural -3Phase	6:50	6:45	7:00	8:02	6:44	6:45
Rural -1Phase	3:03	3:30	3:55	2:48	3:20	3:50
Total Rural	9:53	10:15	10:55	10:50	10:04	10:35

Anticipated Average Availability at MP Periphery: 2010-11

Figures in MW

Particulars	Apr-10					May-10					Jun-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	0 to 06	06 to 12	12 to 18	18 to 24	Energy in MU
Thermal (R-03	1790	1790	1790	1790	1289	2010	2010	2010	2010	1495	1870	1870	1870	1870	1346
Hydel	180	110	10	420	130	70	10	10	390	89	70	10	10	390	86
CSS	1630	1630	1630	1630	1174	1670	1670	1670	1670	1242	1580	1580	1580	1580	1138
ISP	160	0	0	440	108	150	0	0	400	102	140	0	0	380	94
SSP	110	20	20	280	77	80	20	20	280	74	80	20	20	240	65
Omkareshwar	50	50	50	250	72	50	50	50	150	56	50	50	50	150	54
Maheshwar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DVC	100	100	100	100	72	100	100	100	100	74	100	100	100	100	72
Total	**4020**	**3700**	**3600**	**4910**	**2921**	**4130**	**3860**	**3860**	**5000**	**3134**	**3890**	**3630**	**3630**	**4710**	**2855**
Particulars	Jul-10					Aug-10					Sep-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	0 to 06	06 to 12	12 to 18	18 to 24	Energy in MU
Thermal (R-03	1730	1730	1730	1730	1287	1660	1660	1660	1660	1235	1780	1780	1780	1780	1282
Hydel	200	10	10	490	132	240	200	230	670	249	520	360	320	680	338
CSS	1580	1580	1580	1580	1176	1570	1570	1570	1570	1168	1670	1670	1670	1670	1202
ISP	110	0	0	400	95	130	40	130	800	205	190	40	150	880	227
SSP	80	20	20	250	69	100	60	100	400	123	100	60	100	400	119
Omkareshwar	50	50	50	130	52	80	50	50	300	89	100	100	50	300	99
Maheshwar	0	0	0	0	0	0	0	0	0	0	80	80	80	80	58
DVC	100	100	100	100	74	100	100	100	100	74	100	100	100	100	72
Total	**3850**	**3490**	**3490**	**4680**	**2885**	**3880**	**3680**	**3840**	**5500**	**3143**	**4540**	**4190**	**4250**	**5890**	**3397**
Particulars	Oct-10					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	0 to 06	06 to 12	12 to 18	18 to 24	Energy in MU
Thermal (R-03	2040	2040	2040	2040	1518	2090	2090	2090	2090	1505	2090	2090	2090	2090	1555
Hydel	620	450	340	730	398	490	420	410	740	371	340	260	300	620	283
CSS	1750	1750	1750	1750	1302	1700	1700	1700	1700	1224	1760	1760	1760	1760	1309
ISP	250	250	125	875	279	480	170	310	850	326	380	160	300	760	298
SSP	100	160	240	540	193	250	150	150	400	171	200	90	100	400	147
Omkareshwar	100	100	50	300	102	150	100	100	350	126	150	100	100	300	121
Maheshwar	120	90	80	120	76	160	110	90	160	94	140	80	80	200	93
DVC	100	100	100	100	74	100	100	100	100	72	100	100	100	100	74
Total	**5080**	**4940**	**4725**	**6455**	**3943**	**5420**	**4840**	**4950**	**6390**	**3888**	**5160**	**4640**	**4830**	**6230**	**3880**
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-03	2090	2090	2090	2090	1555	2090	2090	2090	2090	1404	2090	2090	2090	2090	1555
Hydel	260	130	130	670	221	210	50	90	640	166	100	40	80	490	132
CSS	1870	1870	1870	1870	1391	1870	1870	1870	1870	1257	1930	1930	1930	1930	1436
ISP	440	100	120	690	251	440	100	120	690	227	330	90	110	630	216
SSP	300	130	100	400	173	300	130	100	400	156	100	60	80	300	100
Omkareshwar	150	80	60	250	100	150	80	60	250	91	150	70	60	230	95
Maheshwar	90	40	60	220	76	40	40	70	230	64	40	40	80	210	69
DVC	100	100	100	100	74	100	100	100	100	67	100	100	100	100	74
Total	**5300**	**4540**	**4530**	**6290**	**3843**	**5200**	**4460**	**4500**	**6270**	**3432**	**4840**	**4420**	**4530**	**5980**	**3677**

TENTATIVE MAINTENANCE PROGRAMME OF MPPGCL THERMAL UNITS FOR THE YEAR 2010-2011 R-04

23-04-10

STATION	UNIT No.	AOH START	DAYS	AOH COMP	No of Days	REMARKS	
AMK -II	3	1-Jun-10	152	31-Oct	152	C.O.H.	R&M
AMK -II	4	1-Apr-10	45	16-May	45	C.O.H.	R&M
AMK III	5	4-Aug-10	25	29-Aug	25	A.O.H.	
STP-I	1	15-Jun-10	25	10-Jul	25	A.O.H.	
STP-I	2	1-Sep-10	24	25-Sep	24	A.O.H.	
STP-I	3	1-Jul-10	25	26-Jul	26	A.O.H.	
STP-I	4	1-May-10	25	26-May	26	A.O.H.	
STP-I	5	20-May-10	35	24-Jun	36	C.O.H.	Tur.rotor repair
STP-II	6	6-Jul-10	25	31-Jul	25	A.O.H.	
STP-II	7	26-May-10	40	05-Jul	40	C.O.H.	IP Rtr replace, HP blade replace
STP-III	8	1-Jul-10	25	26-Jul	26	A.O.H.	
STP-III	9	1-Apr-10	11	12-Apr	11	A.O.H.	
SGTPS - I	1	1-Aug-10	40	10-Sep	40	A.O.H.	HPH, HP Rotor, A/H Replace
SGTPS - I	2	10-Sep-10	40	20-Oct	40	A.O.H.	A/H plate replace
SGTPS - II	3	24-Jul-10	25	18-Aug	26	A.O.H.	
SGTPS - II	4	21-Aug-10	40	30-Sep	40	C.O.H.	HPT repair, HPBP valve replace
SGTPS - III	5	12-Apr-10	15	27-Apr	15	A.O.H.	

	APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		JAN		FEB		MAR	
Capacity under Planned Maintenance	330	620	183	214	393	434	638	572	680	750	603	582	330	190	0	0	0	0	0	0	0	0	0	0
PLANNED MAINTENANCE %	15	27	8	9	17	19	28	25	30	33	27	26	15	8	0	0	0	0	0	0	0	0	0	0
AVAILABLE CAPACITY ON BARS AFTER PLANNED MAINTENANCE	2603	2313	2750	2718	2540	2498	2295	2361	2253	2183	2330	2351	2603	2743	2933	2933	2933	2933	2933	2933	2933	2933	2933	2933
THERMAL AVAILABLITYAFTER CONSIDERING FORCED & PARTIAL OUTAGES IN MW INCLUDING AUX. CONSUMPTION	1971		2213		2056		1902		1823		1938		2241		2300		2300		2300		2300		2300	

A.O.H C.O.H

MAINTENANCE PROGRAM OF TRANSMISSION ELEMENTS FOR THE MONTHS OF APR-10 & MAY-10 ON THE BASIS OF DISCUSSIONS BY THE SUB-COMMITTEE IN 410th OCCMEETING HELD ON 15.04.2010 IS GIVEN BELOW

A. 400 KV LINES

Sr. No	NAME OF LINES / ICT's	CKT / ICT NO.	Outage Programme			REASON
			DATE	TIME		
				From	To	
1	400KV INDORE - ISP	I	11.05.10 & 12.05.10	9.00	18.00	PMM WORK
2	400 KV SEONI- BHILAI		02.05.10	8.00	18.00	PMM WORK
3	400 KV SARNI- ISP		05.05.10 & 06.05.10	8.00	17.00	PMM WORK
4	400 KV INDORE-NAGDA		20.04.10	9.00	18.00	PMM WORK
5	400KV NAGDA - ISP		21.04.10	9.00	18.00	PMM WORK
6	400KV BHOPAL- BINA LINE & BAY	I	23.04.10 & 24.04.10	8.00	18.00	PMM WORK
7	400KV BHOPAL- BINA LINE & BAY	II	26.04.10 & 27.04.10	9.00	18.00	PMM WORK
4	400 KV BIRSINGPUR-KATNI-DAMOH		17.04.10 TO 28.04.10	7.00	18.00	PMM WORK / ERECTION WORK
B	**220KV LINES**					
1	220 KV PGCIL- MALANPUR		21.04.10	8.00	16.00	PMM WORK
2	220 KV MALANPUR -AURAIYA(NTPC)		26.04.10 & 27.04.10	8.00	18.00	PMM WORK
3	220 KV PGCIL- MAHALGOAN		22.04.10	8.00	16.00	PMM WORK
4	220 KV AMARKANTAK- KOTAMIKALA	I	22.04.10	10.00	17.00	PMM WORK
5	220 KV AMARKANTAK- KOTAMIKALA	II	05.05.10	10.00	17.00	PMM WORK
6	220 KV OMKARESHWAR -KHANDWA	I	24.04.10	9.00	18.00	PMM WORK
7	220 KV OMKARESHWAR -KHANDWA	II	30.04.10	9.00	18.00	PMM WORK
8	220 KV BROD-KOTA		27.04.10	9.00	17.00	PMM WORK
9	220 KV BROD-MODAK		28.04.10	9.00	17.00	PMM WORK
10	220 KV HOSANGABAD-PGCIL	II	29.04.10	9.00	17.00	PMM WORK
11	220 KV MEHGOAN -AURAIYA(NTPC)		29.04.10 & 30.04.10	8.00	18.00	PMM WORK
12	220 KV SATNA-PGCIL	I	04.05.10	10.00	17.00	PMM WORK
13	220 KV SATNA-PGCIL	II	06.05.10	10.00	17.00	PMM WORK
14	220 KV PITHAMPUR-RAJGARH	I	04.05.10	9.00	18.00	PMM WORK
15	220 KV PITHAMPUR-RAJGARH	II	05.05.10	9.00	18.00	PMM WORK
16	220 KV KHANDWA-NEPANAGAR	I	06.05.10	9.00	18.00	PMM WORK
17	220 KV KHANDWA-NEPANAGAR	II	13.05.10	9.00	18.00	PMM WORK
18	220 KV DAMOH IC I & II		19.04.10 & 26.04.10	8.00	17.00	S/D MAY BE GIVEN IN REAL TIME
19	220 KV RAJGARH IC I & II		27.04.10 & 28.04.10	9.00	18.00	S/D MAY BE GIVEN IN REAL TIME

Sr. No	NAME OF LINES / ICT's	CKT / ICT NO.	Outage Programme			REASON
			DATE	TIME		
				From	To	
C	CENTRAL SECTOR					
Sr. No	NAME OF LINES / ICT's	CKT / ICT NO.	Outage Programme			REASON
			DATE	TIME		
				From	To	
1	400 KV BINA-GWALIOR	I	20.04.10	8.00	14.00	TO ATTEND THE HOT SPOT
2	400 KV BINA(PG)- BINA(MP)	I	23.04.10	8.00	18.00	AMP WORK
2	400 KV BINA(PG)- BINA(MP)	II	24.04.10	8.00	18.00	AMP WORK
4	400 KV INDORE-ASOJ	II	04.05.10	8.00	18.00	AMP WORK
5	400 KV INDORE-ASOJ	I	10.05.10	8.00	18.00	AMP WORK
6	400 KV ITARSI-INDORE	I	08.05.10	8.00	18.00	AMP WORK
7	400 KV ITARSI-INDORE	II	06.05.10	8.00	18.00	AMP WORK

2 *** S/D MAY BE GIVEN SUBJECT TO REAL TIME SYSTEM CONDITION**

Unitwise / Stationwise Genration in MU

A. Thermal

Stn. Name	UNIT No.	Capacity MW	Jan-10	Feb-10	Mar-10
AMARKANTAK	3	120	27.661	37.67	43.79
	4	120	0	0.00	0.00
	PH II	**240**	**27.661**	**37.67**	**43.79**
	PH III	**210**	**114.176**	**116.14**	**120.43**
	TOT	**450**	**141.837**	**153.81**	**164.22**
SATPURA	1	62.5	35.362	32.06	30.45
	2	62.5	36.227	31.88	38.79
	3	62.5	33.046	30.87	38.00
	4	62.5	33.277	28.86	33.68
	5	62.5	31.802	31.59	34.61
	PH I	**312.5**	**169.714**	**155.25**	**175.52**
	6	200	122.725	89.74	121.93
	7	210	115.725	98.09	114.00
	PH II	**410**	**238.45**	**187.83**	**235.93**
	8	210	101.56	83.82	111.37
	9	210	114.09	62.90	0.00
	PH III	**420**	**215.65**	**146.72**	**111.37**
	TOT	**1142.5**	**623.814**	**489.79**	**522.82**
SANJAY GANDHI	1	210	105.084	85.39	102.67
	2	210	109.101	93.22	87.85
	PH I	**420**	**214.185**	**178.61**	**190.51**
	3	210	123.884	105.05	127.08
	4	210	97.965	111.35	117.55
	PH II	**420**	**221.849**	**216.40**	**244.63**
	PH III	**500**	346.404	307.78	349.32
	TOT	**1340**	**782.44**	**702.79**	**784.45**
MPPGCL THERMAL		**2932.5**	**1548.09**	**1346.39**	**1471.49**

AMARKANTAK POWER HOUSE-I RETIRED FROM SERVICE WEF 01.04.2009

B. Hydel

Station Name	Capacity MW	Jan-10	Feb-10	Mar-10
GANDHISAGAR	**115.0**	27.07	4.22	6.98
R.P.SAGAR	**172.0**	31.58	0.15	0.00
J.SAGAR	**99.0**	24.26	0.40	0.45
CHAMBAL	**386.0**	**82.91**	**4.77**	**7.43**
M.P.CHAMBAL	**193.0**	**41.45**	**2.39**	**3.71**
PENCH	**160.0**	36.24	32.33	21.72
M.P.PENCH	**107.0**	**24.16**	**21.55**	**14.48**
BARGI	**90.0**	15.88	14.40	18.70
TONS	**315.0**	26.99	19.28	38.24
BIRSINGHPUR	**20.0**	0.06	0.10	0.04
B.SGR(DEOLONDH)	**60.0**	17.28	0.00	0.00
B.SGR(SILPARA)	**30.0**	2.53	0.00	4.47
RAJGHAT	**45.0**	16.49	15.46	11.13
M.P.RAJGHAT	**22.5**	**8.24**	**7.73**	**5.57**
B.SGR(JINHA)	**20.0**	0.00	3.53	0.00
MADIKHEDA	**60.0**	0.00	0.00	0.00
TOTAL HYDEL	**1186.0**	**355.15**	**126.29**	**132.91**
M.P.P.GCL Hydel	**915.0**	**150.79**	**97.03**	**106.84**
MPSEB HYDEL	**917.5**	**136.60**	**68.97**	**85.20**

C. NHDC

Indira Sagar Hydel Project	1000	312.13	181.25	192.39
Omkareshwar Hydel Project	520	130.91	80.08	88.05

MP SUPPLY EXCLUDING AUXILIARY CONS.
in Million Units

S.No.	Particulars	Jan-10	Feb-10	Mar-10
1	MPSEB Thermal Availability	1350.01	1169.39	1274.92
2	MPSEB Hydel Availability	134.00	66.74	83.57
3	Indira Sagar	312.00	180.84	192.76
4	Omkareshwar	130.91	80.08	88.05
5	Schedule / Drawal From Central Sector	1283.09	1161.68	1403.90
6	Schedule of DVC	26.09	49.72	43.84
7	Sardar Sarovar	173.62	99.42	142.88
8	Additional Power Purchase	0.00	0.00	0.00
9	Sale of Power	0.00	-15.96	-89.26
10	Banking of Power	169.98	124.16	46.90
11	Energy Exchange	0.00	0.00	0.00
12	Unschedule Interchange	-26.36	-19.70	-112.29
13	Other Imp / Exp	95.60	102.61	98.79
14	***Total MPSEB Supply excl. Aux. Cons.***	***3648.93***	***2998.99***	***3174.05***
15	Average Supply per Day	117.71	107.11	102.39
16	Maximum Daily M.P. Supply	128.22	113.28	102.64
17	Minimum Daily M.P. Supply	107.04	91.64	95.58
18	Registered Demand : MW	6215	6107	5954
24	Unrestricted Demand : MW	7309	7221	6972

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

FIGURES IN MW

Hrs.	FREQ.		Own Generation						Schedule from											Tot Avl.	Act. Drl	UI	Other Imp/ Exp	DEMAND MET	Load Shedding			REST. DEMAND	UNREST. DEMAND
		THER. Incl Aux	THER. Excl Aux	HYD.	ISP	OSP	Injection from STOA	Total	CSS	DVC ER	SSP	SEZ	Banking	Sale	Pur	Exchange	STOA	Kiriand+ Matatila	Total						SCH	UNSCH	TOTAL		
1:00	49.97	2090	1902	56	127	102	14	2202	1686	34	131	10	587	0	0	0	-14	12	2446	4648	2674	228	0	4876	680	0	680	4880	5560
2:00	50.06	2088	1900	55	131	101	14	2202	1688	34	131	10	587	0	0	0	-14	12	2447	4649	2712	265	0	4913	665	0	665	4904	5569
3:00	50.05	2066	1880	56	135	102	14	2187	1688	34	131	10	587	0	0	0	-14	12	2447	4635	2765	318	0	4952	468	0	468	4945	5413
4:00	50.03	2050	1865	68	182	102	14	2232	1688	34	131	10	587	0	0	0	-14	12	2448	4679	2709	262	0	4941	473	0	473	4937	5410
5:00	49.89	2034	1851	85	271	110	14	2332	1691	34	124	10	587	0	0	0	-14	12	2443	4775	2625	181	0	4957	485	0	485	4972	5456
6:00	49.72	2042	1858	172	361	159	25	2576	1671	34	124	10	318	0	0	0	-25	12	2145	4721	2255	110	0	4831	790	0	790	4871	5661
7:00	49.59	2059	1873	166	444	181	26	2691	1655	34	134	10	27	0	0	0	-26	12	1846	4537	1783	-64	0	4473	1309	0	1309	4531	5840
8:00	49.74	2069	1883	176	496	185	26	2766	1627	34	134	10	27	0	0	0	-26	12	1817	4584	1761	-56	0	4528	1593	0	1593	4564	6157
9:00	49.70	2063	1877	194	516	197	30	2815	1589	34	134	10	27	0	0	0	-30	12	1775	4589	1707	-68	0	4521	1882	0	1882	4564	6446
10:00	49.60	2059	1874	183	532	203	32	2823	1583	34	157	10	27	0	0	0	-32	12	1791	4614	1542	-249	0	4365	1904	0	1904	4421	6325
11:00	49.62	2058	1873	195	638	215	33	2954	1578	34	154	10	26	0	0	0	-33	12	1781	4735	1705	-75	0	4660	1811	0	1811	4713	6525
12:00	49.76	2045	1861	209	640	219	33	2962	1579	34	150	10	26	0	0	0	-33	12	1778	4740	1716	-62	0	4678	1754	0	1754	4712	6465
13:00	49.77	2049	1865	198	603	221	34	2920	1584	34	144	10	23	0	0	0	-34	12	1772	4692	1729	-43	0	4649	1753	0	1753	4681	6434
14:00	49.83	2060	1874	164	446	212	33	2729	1584	34	137	10	27	0	0	0	-33	12	1771	4500	1598	-173	0	4327	1745	0	1745	4352	6096
15:00	49.70	2075	1888	135	378	192	32	2624	1583	34	140	10	27	0	0	0	-32	12	1775	4399	1688	-87	0	4311	1563	0	1563	4353	5917
16:00	49.59	2089	1901	151	378	184	32	2647	1583	34	140	10	27	0	0	0	-32	12	1773	4421	1778	5	0	4426	1601	0	1601	4483	6084
17:00	49.72	2099	1910	180	472	184	32	2778	1584	34	144	10	37	0	0	0	-32	12	1789	4567	1668	-121	0	4445	1464	0	1464	4485	5949
18:00	49.88	2090	1902	319	618	206	32	3077	1588	33	199	10	37	0	0	0	-32	12	1848	4924	1839	-8	0	4916	1218	0	1218	4932	6150
19:00	49.73	2096	1908	422	655	227	32	3244	1574	33	487	10	116	0	0	0	-32	12	2201	5445	2281	80	0	5525	1188	0	1188	5563	6751
20:00	49.62	2112	1922	409	676	232	33	3273	1594	33	523	10	116	0	0	0	-33	12	2256	5529	2164	-92	0	5437	1237	0	1237	5490	6728
21:00	49.73	2117	1927	299	664	235	29	3155	1618	33	507	10	116	0	0	0	-29	12	2268	5423	2104	-163	0	5260	1290	0	1290	5297	6587
22:00	49.93	2120	1929	176	495	225	26	2851	1640	33	484	10	116	0	0	0	-26	12	2270	5121	2389	119	0	5240	1260	0	1260	5250	6511
23:00	49.96	2112	1921	121	333	188	22	2586	1663	33	425	10	338	0	0	0	-22	12	2459	5045	2327	-132	0	4913	1140	0	1140	4919	6059
24:00	50.01	2105	1915	67	167	131	21	2300	1662	33	170	10	499	0	0	0	-21	12	2366	4666	2403	37	0	4703	867	0	867	4701	5568
Avg.	**49.80**	**2077**	**1890**	**177**	**432**	**180**	**26**	**2705**	**1624**	**34**	**214**	**10**	**204**	**0**	**0**	**0**	**-26**	**12**	**2059**	**4777**	**2080**	**9**	**0**	**4785**	**1256**	**0**	**1256**	**4813**	**6069**
00 TO 06 HRS.	49.95	2062	1876	82	201	113	16	2288	1685	34	129	10	542	0	0	0	-16	12	2396	4684	2623	227	0	4912	593	0	593	4918	5511
06 TO 12 HRS.	49.67	2059	1873	187	545	200	30	2835	1602	34	144	10	27	0	0	0	-30	12	1798	4633	1702	-96	0	4537	1709	0	1709	4584	6293
12 TO 18 HRS.	49.75	2077	1890	191	483	200	32	2796	1584	34	151	10	30	0	0	0	-32	12	1788	4584	1717	-71	0	4512	1557	0	1557	4548	6105
06TO 18 HRS.	49.71	2068	1882	189	514	200	31	2816	1593	34	147	10	28	0	0	0	-31	12	1793	4608	1709	-83	0	4525	1633	0	1633	4566	6199
18 TO 24 HRS.	49.83	2110	1920	249	498	206	27	2901	1625	33	433	10	217	0	0	0	-27	12	2303	5205	2278	-25	0	5180	1164	0	1164	5204	6367

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

FIGURES IN MW

Hrs.	FREQ.		Own Generation						Schedule from											Tot Avl.	Act. Drl	UI	Other Imp/ Exp	DEMAND MET	Load Shedding			REST. DEMAND	UNREST. DEMAND
		THER. Incl Aux	THER. Excl Aux	HYD.	ISP	OSP	Injection from STOA	Total	CSS	DVC ER	SSP	SEZ	Banking	Sale	Pur	Exchange	STOA	Kriand+ Matatila	Total									
																								SCH	UNSCH	TOTAL		
1:00	49.87	2002	1822	41	54	52	20	1989	1684	70	38	11	419	0	0	0	-20	12	2213	4202	2303	90	0	4293	1021	0	1021	4311	5332
2:00	50.01	2003	1823	35	29	42	21	1949	1686	70	38	11	419	0	0	0	-21	12	2214	4163	2335	122	0	4285	1035	0	1035	4284	5319
3:00	50.04	1999	1820	33	37	35	21	1947	1687	70	38	11	419	0	0	0	-21	12	2215	4162	2368	153	0	4315	846	0	846	4310	5156
4:00	50.00	2002	1822	44	41	35	22	1964	1688	70	38	11	419	0	0	0	-22	12	2215	4179	2260	45	0	4224	871	0	871	4224	5095
5:00	49.89	2008	1828	75	129	69	23	2124	1687	70	38	11	419	0	0	0	-23	12	2213	4337	2252	39	0	4376	875	0	875	4392	5267
6:00	49.77	2023	1841	108	208	78	30	2265	1666	70	38	11	178	0	0	0	-30	12	1944	4209	2160	216	0	4425	973	0	973	4458	5431
7:00	49.75	2036	1853	84	195	88	37	2257	1641	70	38	11	27	0	0	0	-37	12	1761	4018	1472	-289	0	3729	1699	0	1699	3764	5463
8:00	49.96	2046	1861	83	153	80	38	2215	1610	70	38	10	27	-42	0	0	-38	12	1687	3902	1379	-308	0	3594	1950	0	1950	3600	5551
9:00	49.84	2037	1854	75	152	80	43	2204	1608	70	38	10	27	-53	0	0	-43	12	1669	3873	1410	-259	0	3614	2212	0	2212	3636	5848
10:00	49.74	2011	1830	136	242	103	46	2356	1606	70	60	10	27	-62	0	0	-46	12	1677	4033	1594	-83	0	3950	1924	0	1924	3988	5911
11:00	49.83	1985	1806	141	383	145	48	2523	1590	70	60	10	27	-68	0	0	-48	12	1652	4175	1613	-40	0	4136	1865	0	1865	4160	6026
12:00	49.92	1995	1815	142	394	154	48	2554	1594	70	60	10	27	-70	0	0	-48	12	1656	4209	1457	-198	0	4011	1824	0	1824	4022	5846
13:00	49.98	1983	1805	119	339	151	45	2459	1626	70	53	11	27	-60	0	0	-45	12	1693	4152	1693	0	0	4152	1665	0	1665	4154	5819
14:00	50.01	1979	1801	96	263	133	44	2337	1626	70	53	11	27	-49	0	0	-44	12	1705	4042	1656	-49	0	3993	1663	0	1663	3991	5654
15:00	49.88	1990	1811	80	189	98	42	2220	1615	70	53	11	27	-41	0	0	-42	12	1704	3924	1715	11	0	3935	1608	0	1608	3953	5561
16:00	49.89	1997	1817	62	185	94	43	2202	1612	70	53	11	27	-37	0	0	-43	12	1703	3905	1475	-228	0	3677	1830	0	1830	3692	5523
17:00	49.91	1977	1799	55	180	85	41	2160	1624	70	53	11	27	-46	0	0	-41	12	1710	3869	1621	-88	0	3781	1579	0	1579	3793	5372
18:00	50.09	1979	1801	76	299	135	39	2349	1628	70	115	11	27	-39	0	0	-39	12	1784	4133	1617	-167	0	3967	1521	0	1521	3954	5475
19:00	49.87	1983	1805	312	574	215	35	2941	1588	70	471	10	123	-4	0	0	-35	12	2236	5177	2451	215	0	5392	1271	0	1271	5409	6680
20:00	49.88	2004	1824	314	654	259	33	3082	1617	70	541	10	152	0	0	0	-33	12	2368	5450	2323	-46	0	5405	1277	0	1277	5422	6699
21:00	49.89	2005	1824	277	649	253	30	3033	1636	70	537	10	152	0	0	0	-30	12	2386	5419	2409	23	0	5442	1285	0	1285	5457	6742
22:00	49.95	1998	1819	169	596	230	26	2840	1642	70	479	10	152	0	0	0	-26	12	2338	5178	2527	189	0	5368	1191	0	1191	5374	6565
23:00	49.90	1997	1817	147	495	200	22	2681	1670	70	369	10	379	0	0	0	-22	12	2487	5168	2596	109	0	5278	832	0	832	5292	6124
24:00	50.00	1997	1817	115	327	175	20	2455	1674	70	117	10	422	0	0	0	-20	12	2285	4740	2377	93	0	4832	843	0	843	4833	5675
Avg.	**49.91**	**2002**	**1821**	**118**	**282**	**125**	**34**	**2379**	**1638**	**70**	**142**	**10**	**166**	**-24**	**0**	**0**	**-34**	**12**	**1968**	**4359**	**1961**	**-19**	**0**	**4340**	**1402**	**0**	**1402**	**4353**	**5756**
00 TO 06 HRS.	49.93	2006	1826	56	83	52	23	2040	1683	70	38	11	379	0	0	0	-23	12	2169	4209	2280	111	0	4320	937	0	937	4330	5267
06 TO 12 HRS.	49.84	2018	1837	110	253	108	43	2351	1608	70	49	10	27	-49	0	0	-43	12	1684	4035	1488	-196	0	3839	1912	0	1912	3862	5774
12 TO 18 HRS.	49.96	1984	1806	81	243	116	42	2288	1622	70	63	11	27	-45	0	0	-42	12	1717	4004	1630	-87	0	3918	1644	0	1644	3923	5567
06TO 18 HRS.	49.90	2001	1821	96	248	112	43	2320	1615	70	56	11	27	-47	0	0	-43	12	1700	4020	1559	-142	0	3878	1778	0	1778	3892	5671
18 TO 24 HRS.	49.92	1997	1818	222	549	222	28	2839	1638	70	419	10	230	-1	0	0	-28	12	2350	5189	2447	97	0	5286	1116	0	1116	5298	6414

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

FIGURES IN MW

Hrs.	FREQ.	Own Generation							Schedule from											Tot Avl.	Act. Drl	UI	Other Imp/ Exp	DEMAND MET	Load Shedding			REST. DEMAND	UNREST. DEMAND
		THER. Incl Aux	THER. Excl Aux	HYD.	ISP	OSP	Injection from STOA	Total	CSS	DVC ER	SSP	SEZ	Banking	Sale	Pur	Exchange	STOA	Kiriand+ Matatila	Total						SCH	UNSCH	TOTAL		
1:00	49.53	1970	1793	67	341	157	43	2401	1813	58	36	11	134	-49	0	0	-43	10	1967	4369	1899	-68	0	4300	873	0	873	4366	5239
2:00	49.58	1968	1791	30	246	117	44	2228	1808	56	28	11	134	-25	0	0	-44	10	1977	4205	1948	-29	0	4176	896	0	896	4235	5131
3:00	49.63	1971	1793	22	179	89	43	2126	1800	56	28	11	134	-27	0	0	-43	10	1968	4095	1901	-67	0	4028	900	0	900	4080	4980
4:00	49.61	1964	1788	23	176	86	42	2115	1802	56	28	11	134	-19	0	0	-42	10	1979	4094	1846	-133	0	3961	900	0	900	4016	4916
5:00	49.54	1959	1783	66	209	103	43	2203	1822	56	28	11	134	-18	0	0	-43	10	1999	4202	1957	-42	0	4160	905	0	905	4224	5129
6:00	49.62	1977	1799	89	191	87	43	2209	1815	56	28	11	62	-72	0	0	-43	10	1867	4075	1765	-101	0	3974	1160	0	1160	4028	5188
7:00	49.77	1990	1811	40	57	42	46	1996	1765	56	30	11	18	-167	0	0	-46	10	1677	3673	1446	-231	0	3441	1556	0	1556	3473	5029
8:00	49.95	1994	1814	22	32	30	48	1947	1774	56	31	11	18	-201	0	0	-48	10	1650	3597	1246	-403	0	3194	1790	0	1790	3201	4991
9:00	49.70	1987	1808	25	25	30	53	1941	1763	56	33	11	18	-208	0	0	-53	10	1629	3571	1342	-287	0	3284	1805	0	1805	3325	5131
10:00	49.71	1976	1798	37	101	47	53	2035	1775	55	221	10	-1	-261	0	0	-53	10	1755	3791	1431	-324	0	3466	1700	0	1700	3507	5207
11:00	49.60	1956	1780	41	126	67	53	2067	1800	55	227	10	-1	-274	0	0	-53	10	1774	3841	1647	-127	0	3714	1650	0	1650	3771	5420
12:00	49.67	1951	1776	77	130	69	54	2105	1803	55	221	10	-1	-272	0	0	-54	10	1772	3877	1640	-133	0	3745	1642	0	1642	3791	5432
13:00	49.74	1967	1790	81	115	67	55	2108	1803	55	221	11	-1	-234	0	0	-55	10	1810	3918	1732	-78	0	3840	1543	0	1543	3877	5421
14:00	49.71	1973	1795	76	112	64	55	2101	1802	55	169	10	-1	-232	0	0	-55	10	1758	3859	1575	-183	0	3676	1495	0	1495	3717	5212
15:00	49.69	1970	1793	59	90	54	52	2047	1802	55	83	10	-1	-222	0	0	-52	10	1684	3731	1619	-66	0	3666	1495	0	1495	3710	5205
16:00	49.71	1968	1790	54	83	50	51	2029	1796	55	60	11	-1	-208	0	0	-51	10	1671	3700	1501	-170	0	3530	1521	0	1521	3571	5092
17:00	49.75	1973	1795	54	79	57	51	2036	1791	55	63	11	-1	-194	0	0	-51	10	1684	3720	1486	-197	0	3523	1355	0	1355	3558	4913
18:00	49.89	1970	1793	87	182	99	50	2211	1780	55	54	11	13	-182	0	0	-50	10	1691	3901	1513	-178	0	3724	1261	0	1261	3738	5000
19:00	49.54	1980	1802	433	573	222	48	3079	1768	55	421	11	73	0	0	0	-48	10	2291	5369	2313	23	0	5392	908	0	908	5457	6364
20:00	49.64	1997	1818	430	699	278	49	3274	1774	55	537	11	73	0	0	0	-49	10	2411	5685	2245	-165	0	5519	958	0	958	5570	6529
21:00	49.64	2003	1823	402	698	284	47	3254	1788	55	537	10	73	0	0	0	-47	10	2427	5682	2356	-71	0	5610	1019	0	1019	5661	6680
22:00	49.68	1999	1819	309	709	290	49	3175	1794	55	537	10	73	0	0	0	-49	10	2431	5607	2305	-126	0	5480	1047	0	1047	5526	6573
23:00	49.50	1990	1811	296	684	286	47	3124	1827	55	504	10	134	-4	0	0	-47	10	2489	5613	2432	-57	0	5556	676	0	676	5626	6302
24:00	49.60	1987	1808	213	613	264	46	2944	1826	55	236	10	134	-10	0	0	-46	10	2215	5159	2055	-159	0	5000	706	0	706	5057	5762
Avg.	**49.67**	**1977**	**1799**	**126**	**269**	**122**	**48**	**2365**	**1795**	**55**	**182**	**11**	**56**	**-120**	**0**	**0**	**-48**	**10**	**1931**	**4306**	**1800**	**-141**	**0**	**4165**	**1240**	**0**	**1240**	**4212**	**5452**
00 TO 06 HRS.	49.58	1968	1791	49	224	107	43	2214	1810	56	30	11	122	-35	0	0	-43	10	1959	4173	1886	-73	0	4100	939	0	939	4158	5097
06 TO 12 HRS.	49.74	1976	1798	40	78	47	51	2015	1780	55	127	11	9	-230	0	0	-51	10	1710	3725	1459	-251	0	3474	1691	0	1691	3511	5202
12 TO 18 HRS.	49.75	1970	1793	68	110	65	52	2089	1796	55	108	11	1	-212	0	0	-52	10	1716	3805	1571	-145	0	3660	1445	0	1445	3695	5140
06TO 18 HRS.	49.74	1973	1795	54	94	56	52	2052	1788	55	118	11	5	-221	0	0	-52	10	1713	3765	1515	-198	0	3567	1568	0	1568	3603	5171
18 TO 24 HRS.	49.60	1993	1813	347	663	271	48	3142	1796	55	462	10	94	-2	0	0	-48	10	2377	5519	2284	-93	0	5426	886	0	886	5483	6368

TENTATIVE UNITWISE GENERATION TARGETS IN MUs YEAR 2010-11 R- 04

POWER STATION	ANTICIPATED												
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
AMK #3	49	51	0	0	0	0	0	60	62	62	56	62	400
AMK #4	0	23	65	68	68	65	68	65	68	68	61	68	685
AMK PH II	49	73	65	68	68	65	68	125	129	129	117	129	1085
AMK PH III	138	143	138	143	24	138	143	138	143	143	129	143	1565
AMK COMP.	188	216	204	211	91	204	211	263	272	272	246	272	2650
STP #1	35	36	17	24	36	35	36	35	36	36	33	36	395
STP #2	35	36	35	36	36	6	36	35	36	36	33	36	395
STP #3	35	36	35	6	36	35	36	35	36	36	33	36	395
STP #4	35	0	35	37	37	35	37	35	37	37	33	37	395
STP #5	36	25	6	37	37	36	37	36	37	37	34	37	395
STP PH I	176	133	129	140	182	147	182	176	182	182	164	182	1975
STP #6	118	122	118	20	122	118	122	118	122	122	110	122	1330
STP #7	129	111	0	111	134	129	134	129	134	134	121	134	1400
STP PH II	247	233	118	132	255	247	255	247	255	255	231	255	2730
STP #8	127	131	127	22	131	127	131	127	131	131	119	131	1438
STP #9	62	127	123	127	127	123	127	123	127	127	115	127	1437
STP PH III	189	259	250	149	259	250	259	250	259	259	234	259	2875
STP COMP.	612	625	497	421	696	644	696	673	696	696	629	696	7580
SGTPS#1	98	102	98	102	0	65	118	114	118	118	107	118	1159
SGTPS#2	98	102	98	102	102	33	40	115	119	119	107	119	1151
SGTPS PH I	196	203	196	203	102	98	158	229	237	237	214	237	2310
SGTPS#3	129	133	129	111	44	129	133	129	133	133	120	133	1455
SGTPS#4	134	139	134	139	93	0	139	134	139	139	125	139	1455
SGTPS PH II	263	272	263	250	137	129	272	263	272	272	246	272	2910
SGTPS EXT	160	331	320	331	331	320	331	320	331	331	299	331	3735
SGTPS COMP.	620	806	780	784	569	547	760	812	840	840	758	840	8955
TOTAL	1419	1647	1480	1415	1357	1395	1667	1749	1808	1808	1633	1808	19185

TENTATIVE UNITWISE PUF IN % YEAR 2010-11 R 04

POWER STATION	ANTICIPATED												
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
AMK #3	56.9	56.9	0.0	0.0	0.0	0.0	0.0	69.0	69.0	69.0	69.0	69.0	38.1
AMK #4	0.0	25.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	65.2
AMK PH II	28.5	41.1	37.8	37.8	37.8	37.8	37.8	72.3	72.3	72.3	72.3	72.3	51.6
AMK PH III	91.6	91.6	91.6	91.6	15.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	85.1
AMK COMP.	57.9	64.6	62.9	62.9	27.3	62.9	62.9	81.3	81.3	81.3	81.3	81.3	67.2
STP #1	77.5	77.5	38.8	51.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	72.1
STP #2	77.5	77.5	77.5	77.5	77.5	12.9	77.5	77.5	77.5	77.5	77.5	77.5	72.1
STP #3	77.6	77.6	77.6	12.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	72.1
STP #4	78.8	0.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	72.1
STP #5	79.9	53.2	13.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	72.1
STP PH I	78.3	57.2	57.2	60.2	78.3	65.4	78.3	78.3	78.3	78.3	78.3	78.3	72.1
STP #6	81.7	81.7	81.7	13.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	75.9
STP #7	85.6	71.3	0.0	71.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	76.1
STP PH II	83.7	76.4	39.9	43.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	76.0
STP #8	84.1	84.1	84.1	14.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	78.2
STP #9	40.7	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	78.1
STP PH III	62.4	82.8	82.8	47.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	78.2
STP COMP.	74.4	73.5	60.4	49.5	81.9	78.3	81.9	81.9	81.9	81.9	81.9	81.9	75.7
SGTPS#1	65.0	65.0	65.0	65.0	0.0	43.3	75.6	75.6	75.6	75.6	75.6	75.6	63.0
SGTPS#2	65.0	65.0	65.0	65.0	65.0	21.7	25.3	76.0	76.0	76.0	76.0	76.0	62.6
SGTPS PH I	65.0	65.0	65.0	65.0	32.5	32.5	50.5	75.8	75.8	75.8	75.8	75.8	62.8
SGTPS#3	85.1	85.1	85.1	70.9	28.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	79.1
SGTPS#4	88.9	88.9	88.9	88.9	59.3	0.0	88.9	88.9	88.9	88.9	88.9	88.9	79.1
SGTPS PH II	87.0	87.0	87.0	79.9	43.8	42.6	87.0	87.0	87.0	87.0	87.0	87.0	79.1
SGTPS PH III	44.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	85.3
SGTPS COMP.	64.2	80.8	80.8	78.6	57.1	56.7	76.3	84.2	84.2	84.2	84.2	84.2	76.3
TOTAL	67.2	75.5	70.1	64.9	62.2	66.1	76.4	82.9	82.9	82.9	82.9	82.9	74.7

RTU NAME- Amarkanatak Thermal Power Station **Annexure 7.3(i)**

S.N	Description		Telemetred value at site	Telemetred 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	89 MW	75 MW
6	ATPS220KV-SIDHI	MVAR	10 MVAR	29 MVAR
7	ATPS220KV-BRS220 III	MW	20 MW	29 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	10	75
14	ATPS 220/6.6 KV Stn Xmer A	MVAR	5	0
15	ATPS 220/6.6 KV Stn Xmer B	MW	10	75
16	ATPS 220/6.6 KV Stn Xmer B	MVAR	5	0
17	ATPS132/33 KV ICT 5	CB	CLOSE	FAULTY
18	ATPS132 KV 220/132 KV ICT -I	MW	30 MW	22 MW
19	ATPS 132 KV Bus -1	VOLTAGE	134 KV	127 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	117 MW	2 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	229	N/C
8	STPS PH 2 MAIN BUS 1	FREQ.	49.46	N/C
9	STPS PH 2 MAIN BUS 2	VOLTAGE	228	N/C
10	STPS PH 2 MAIN BUS 2	FREQ.	49.44	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	2	0
2	STN. XMER	MVAR	10	0
3	GENERATOR 2	CB	OPEN	faulty
4	GENERATOR 3	CB	OPEN	faulty
5	BUSCOUPLER	CB	OPEN	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	N/C	5
	RAJGHAT132 KV-LALITPUR	MVAR	N/C	5
	RAJGHAT132 KV-LALITPUR	CB	FAULTY	OPEN
	GENERATOR I	CB	FAULTY	OPEN
	GENERATOR I I	CB	FAULTY	OPEN
	GENERATOR I I I	CB	FAULTY	OPEN
	132 KV BUS	VOLTAGE	N/C	129

Sr.No	DESCRIPTION	status	telemetry value at SLDC	actual value at site
RTU Name INDORE NZ 220 KV S/S				
	OLD ISSUES- 6 NEW ISSUES-0 ATTENDED-0			
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
RTU Name INDORE CHAMBLE132 KV S/S				
	OLD ISSUES- 5 NEW ISSUES-1 ATTENDED-1			
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				
	OLD ISSUES- 9 NEW ISSUES-0 ATTENDED-4			
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
RTU name Pitampur 220 KV S/S				
	OLD ISSUES- 7 NEW ISSUES-2 ATTENDED-0			
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	220 KV BUSCOUPLER	CB	FAULTY	OPEN
9	132 KV BAGRI	CB	FAULTY	OPEN
RTU name -NAGDA 400 KV S/S				
	OLD ISSUES- 7 NEW ISSUES-0 ATTENDED-0			
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				
	OLD ISSUES- 8 NEW ISSUES-0 ATTENDED-2			
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

RTU name Dewas 220 KV S/S				
	OLD ISSUES- 9 NEW ISSUES-0 ATTENDED-3			
1	132 /33 KV TRANSFORMER 1	OLTC	N/C	8
2	132/33 KV TRANSFORMER 2	OLTC	N/C	7
3	220/132 KV TRANSFORMER 1	OLTC	N/C	7
4	220/132 KV TRANSFORMER 2	OLTC	N/C	7
5	DEWAS 220 KV -INDORE EAST	CB	FAULTY	CLOSE
6	DEWAS 220 KV -INDORE 400KV S/S	CB	FAULTY	CLOSE
RTU name Ujjain 220 KV S/S				
	OLD ISSUES- 9 NEW ISSUES-1 ATTENDED-1			
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	63 MVA TRANSFORMER	CB	FAULTY	CLOSE
5	3X40 MVA TRANSFORMER (132 KV SIDE)	CB	FAULTY	CLOSE
6	UJJAIN220 KV –NAGDA 2	CB	FAULTY	CLOSE
7	UJJAIN220 KV –BADOD 1	CB	FAULTY	CLOSE
8	UJJAIN 132 KV -GHOSLA	CB	FAULTY	CLOSE
9	132 I/C I	CB	FAULTY	CLOSE
RTU name Shujalpur 220 KV S/S				
	OLD ISSUES- 8 NEW ISSUES-0 ATTENDED-0			
1	160 MVA TRANSFORMER -I	OLTC	2	10
2	20 MVA TRANSFORMER	OLTC	10	5
3	160 MVA TRANSFORMER II	CB	FAULTY	CLOSE
4	160 MVA TRANSFORMER II (132 KV SIDE)	CB	FAULTY	CLOSE
5	20 MVA TRANSFORMER	CB	OPEN	CLOSE
6	132 KV BUS COUPLE	CB	FAULTY	OPEN
7	2X33 MVAR CAPACITOR BANK	CB	FAULTY	CLOSE
8	SHUJALPUR 220 KV-BHOPAL 2	CB	FAULTY	CLOSE
RTU name Shajapur132 KV S/S				
	OLD ISSUES- 2 NEW ISSUES-2 ATTENDED-0			
1	132/33 KV TRANSFORMER 1	OLTC	N/C	9
2	SHAJAPUR 132 KV-PANWADI	CB	FAULTY	OPEN
3	132 KV TRB	CB	FAULTY	OPEN
4	132/33KV XMER	CB	FAULTY	OPEN
RTU name Ratlam 220 KV S/S				
	OLD ISSUES- 4 NEW ISSUES-1 ATTENDED-1			
1	132/33 KV TRANSFORMER 2	OLTC	N/C	7
2	RATLAM 132 KV-MEGHNAGAR	MW	26	36
3	132 KV NEEMUCH I/C II	CB	FAULTY	CLOSE
4	132 KV KHACHROD	CB	FAULTY	OPEN
RTU name Neemuch 220 KV S/S				
	OLD ISSUES- 4 NEW ISSUES-1 ATTENDED-1			
1	220/132 KV TRANSFORMER 1	OLTC	N/C	7
2	NEEMUCH 132 KV INTER CONNECTOR II	CB	FAULTY	CLOSE
3	220 KV MAIN BUS	VOLTAGE	220	230
4	NEEMUCH-USLAPUR	CB	FAULTY	CLOSE
RTU name Burwaha 220 KV S/S				
	OLD ISSUES- 8 NEW ISSUES-1 ATTENDED-0			
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	220 KV BURWAHA-NIMRANI	CB	FAULTY	CLOSE
RTU name Nepanagar 220 KV S/S				
	OLD ISSUES- 5 NEW ISSUES-0 ATTENDED-1			
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	FAULTY	OPEN
RTU name Bhopal 400 KV S/S				
	OLD ISSUES- 3 NEW ISSUES- 1 ATTENDED- 2			
1	400/220 KV TRANSFORMER 3	OLTC	N/C	5
RTU name Bhopal 220 KV S/S				
	OLD ISSUES-6 NEW ISSUES- 0 ATTENDED- 3			
3	BHOPAL132 KV-CHAMBAL I	CB	FAULTY	CLOSE
5	BHOPAL132 KV- CHAMBAL II	CB	FAULTY	CLOSE
6	220 KV TRB	CB	FAULTY	OPEN
RTU name Piparia 132 KV S/S				
	OLD ISSUES- 7 NEW ISSUES- 0 ATTENDED- 6			
1	132/33 KV TRANSFORMER I	OLTC	N/C	4
2	132/33 KV TRANSFORMER II	OLTC	N/C	4
RTU name Sarni 220 KV S/S				
	OLD ISSUES- 2 NEW ISSUES- 0 ATTENDED- 0			
1	SARNI-SATPURA TPS 220 KV	CB	FAULTY	CLOSE
2	SARNI 220 KV TRB	CB	FAULTY	CLOSE
RTU name Bairagrah 220 KV S/S				
	OLD ISSUES- 5 NEW ISSUES- 0 ATTENDED- 0			
1	220 KV BUS 1	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	OLTC	17	10
RTU Name Handia 220 KV S/S				
	OLD ISSUES- 8 NEW ISSUES- 0 ATTENDED- 1			
1	HANDIA –ITARSI 220 KV	MW	0	20
2	HANDIA –ITARSI 220 KV	MVAR	0	10
3	132/33 TRANSFORMER II	CB	FAULTY	CLOSE
4	HANDIA –KANNOD II	CB	FAULTY	CLOSE
5	HANDIA –ITARSI 220 KV	CB	FAULTY	CLOSE
6	HANDIA –BURWAHA 220 KV	CB	FAULTY	CLOSE
7	220 KV TRB	CB	FAULTY	CLOSE
RTU Name Malanpur 220 KV S/S				
	OLD ISSUES- 3 NEW ISSUES- 0 ATTENDED- 1			
1	220 KV BUS COUPLER I	CB	FAULTY	CLOSE
2	220 KV BUS COUPLER II	CB	FAULTY	CLOSE
RTU Name Mehgaon 220 KV S/S				
	OLD ISSUES- 8 NEW ISSUES- 0 ATTENDED- 0			
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 KVSIDE)	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				
	OLD ISSUES- 7 NEW ISSUES- 0 ATTENDED- 1			
1	132/33 KV TRANSFORMER 4	OLTC	N/C	6
2	132/33 KV TRANSFORMER 5	OLTC	N/C	6
3	GWALIOR 132 KV-BANMORE	CB	FAULTY	CLOSE
4	132 KV TRB	CB	FAULTY	OPEN
5	GWALIOR 132 KV-TRACTION II	CB	FAULTY	CLOSE
6	220/132 XMER I(132KV SIDE)	CB	FAULTY	CLOSE
RTU name Guna 220 KV S/S				
	OLD ISSUES- 5 NEW ISSUES- 0 ATTENDED- 0			
1	220/132 KV TRANSFORMER	OLTC	N/C	3
2	220 KV BUS 2	VOLTAGE	N/C	227
3	GUNA RAGHAVGRAH	MW	5	12
4	220 KV TRB	CB	FAULTY	OPEN
5	220/132 KV TRANSFORMER	MW	60	40
RTU name Ashta 132 KV S/S				
	OLD ISSUES- 1 NEW ISSUES- 0 ATTENDED- 0			
1	ASHTA 132 KV-ARNIKALAN II	CB	FAULTY	CLOSE
RTU name Boregaon 132 KV S/S				
	OLD ISSUES- 2 NEW ISSUES- 0 ATTENDED- 1			
1	132/33 KV TRANSFORMER	OLTC	N/C	5
RTU name Chindwada 132 KV S/S				
	OLD ISSUES- 3 NEW ISSUES- 0 ATTENDED- 0			
1	132 KV TRB	CB	FAULTY	OPEN
2	132/33 KV TRANSFORMER 2	OLTC	17	5
3	132/33 KV TRANSFORMER 2	CB	FAULTY	CLOSE
RTU name Pandurna 220 KV S/S				
	OLD ISSUES- 3 NEW ISSUES- 0 ATTENDED- 0			
1	220/132 KV TRANSFORMER	OLTC	N/C	4
2	132/33 KV TRANSFORMER 1	CB	FAULTY	CLOSE
3	PANDURNA 220 KV-SATPURA TPS	CB	FAULTY	CLOSE
RTU name Narsingpur 220 KV S/S				
	OLD ISSUES- 9 NEW ISSUES- 3 ATTENDED- 2			
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-ITARSI 1& 2	CB	NOT AVAILABLE	
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 NARSINGPUR-SUKHA 1&2	CB	NOT AVAILABLE	
9	220 KV NARSINGPUR-SUKHA 1&2	MW	NOT AVAILABLE	
10	220 KV NARSINGPUR-SUKHA 1&2	MVAR	NOT AVAILABLE	
RTU name Satna 220 KV S/S				
	OLD ISSUES- 8 NEW ISSUES- 0 ATTENDED- 0			
1	220/132 KV TRANSFORMER 1	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	132 KV BUS 2	VOLTAGE	13	134
5	SATNA 220KV-SATNA PGCIL 2	CB	OPEN	CLOSE
6	SATNA 132 KV-PANNA	CB	FAULTY	CLOSE
7	SATNA 132 KV INTERCONNECTOR 2	CB	FAULTY	CLOSE
8	SATNA TONS PH 200 KV I	CB	OPEN	CLOSE

RTU name Satna 132 KV S/S				
	OLD ISSUES- 2 NEW ISSUES- 0 ATTENDED- 1			
1	132/33 KV TRANSFORMER 1	OLTC	N/C	6
2	132 KV TRB	CB	FAULTY	OPEN
RTU name Morwa 132 KV S/S				
	OLD ISSUES- 3 NEW ISSUES- 0 ATTENDED- 0			
1	132/33 KV TRANSFORMER 1	OLTC	N/C	7
2	132/33 KV TRANSFORMER 2	OLTC	N/C	7
RTU name -Bina 400 KV S/S				
	OLD ISSUES- 5 NEW ISSUES- 0 ATTENDED- 3			
1	BINA 220 KV-GWALIOR 2	CB	OPEN	CLOSE
2	400/220 KV XMER III	CB	FAULTY	CLOSE
RTU name -Bina 220 KV S/S				
	OLD ISSUES- 3 NEW ISSUES- 1 ATTENDED- 3			
1	220 KV CAPACITOR BANK	CB	FAULTY	CLOSE

DETAILS OF EXISTING INTRA-STATE LONG TERM OPEN ACCESS CUSTOMERS

NAME OF DISCOM :

S.No.	Name of the Customer	Total Capacity Installed			Location	Type of Fuel use (Wind/Bio-mass/Solar)	Point of Injection (Name of feeder & EHV S/s) and Voltage	Type of Utilization (Captive/Sale to Utility/Sale to Third Party)	Point of Utilization	Date of Agreement	Particulars of consumers at point of utilization in case of captive use/third party. Name, Contract Demand KV	Date of Expiry of Agreement
		No. of Unit	Capacity of individual unit	Total								
			Capacity Yr. of Mfg.									