



भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
पश्चिम क्षेत्रीय विद्युत समिति

Western Regional Power Committee

एफ -3, एमआयडीसी क्षेत्र, अंधेरी (पूर्व), मुंबई - 400 093

F-3, MIDC Area, Andheri (East), Mumbai - 400 093

दूरभाष Phone: 022- 28209506; 28200194; 28200195; 28200196 फैक्स Fax : 022 - 28370193

Website: www.wrpc.gov.in

E-mail : opc-wrpc@nic.in



आई एस ओ : 9001-2008

ISO: 9001-2008

सं: पक्षेविस/प्रचा. / प्रसस-कार्यवृत्त /2014-15/ 2616 दिनांक 18 मार्च 2015

सेवा में,

विषय:- प.क्षे.वि.समिति, मुंबई की प्रचालन एवं समन्वय समिति की 469 वीं बैठक का कार्यवृत्त।

महोदय,

पश्चिम क्षेत्रीय विद्युत समिति, मुंबई की प्रचालन एवं समन्वय समिति की दिनांक 10.03.2015 को, NAGPUR में आयोजित 469 वीं बैठक का कार्यवृत्त आपकी सूचनार्थ संलग्न है।

धन्यवाद।

संलग्न : उपरोक्तानुसार

भवदीय,

(एम एम धकाते)

अधीक्षण अभियंता (प्रचालन)

**MINUTES OF 469TH MEETING OF OPERATION & COORDINATION
SUB-COMMITTEE OF WRPC
HELD ON 10TH MARCH 2015 AT NAGPUR**

The 469TH meeting of Operation & Co-ordination Sub-Committee of WRPC was held on 10th March, 2015 in Nagpur hosted by Sterlite Grid Ltd. The list of participants is enclosed at **Annexure-I**.

Shri Sanil C. Namboodiripad, Head(Asset Management), SGL(BDTCL) welcomed Sh. SD Taksande, Member Secretary, WRPC, P Mukhopadhyay GM, WRLDC & other delegates of 469th OCC meeting. He thanked WRPC Secretariat for giving opportunity to SGL(BDTCL) for organizing this meeting and expressed pride in organizing the same.

He said that today Sterlite has become one of the largest private players in EHV transmission and is operating two 765 kV substations and more than 600 km of 765 kV transmission lines in Western Region alone.

He expressed sincere thanks to all constituents in the OCC forum who have supported BDTCL and JTCL continuously while building the transmission lines and substations. More than seventy line outages have been facilitated in the last year for power line crossings which helped Sterlite to achieve the completion of construction of these lines. Recently the crossing of 765 kV Seoni - Bina double circuit line with the 765 kV Jabalpur – Dharamjaygarh double circuit line has been completed. This is the first time in India that a 765 kV line is crossing another 765 kV line.

Shri S D Taksande, Member Secretary, WRPC extended warm welcome to Shri Sanil C. Namboodiripad, Head(O&M), S G Mohanti, Head(Project) SGL(BDTCL), & all the participants of the 469th OCCM. He expressed his gratitude to Shri Sanil C. Namboodiripad, Shri Sachin Deshpande, SGL(BDTCL) and his team of engineers for making excellent arrangement for meeting. He informed that 28th TCC/WRPC meetings were held on 3rd & 4th March, 2015 at Udaipur wherein following important decisions were taken:.

1. Methodology for RSD or reasonable scheduling of NTPC stations was formulated.
2. DSM issues were discussed in detailed & decided to form a group headed by Maharashtra & having other State as member at appropriate level for filing common petition to CERC. The group will give its views on various implication

of DSM charges, applicability of RRF mechanism, the impact of DSM limit of 150 MW on large States & first amendment to DSM regulation.

3. ERS installation by all states & their status.
4. Status of readiness of SLDC at Goa, other Sub SLDC & backup SLDC's and WRLDC.
5. Allocation of URS of CGPL.
6. ATC/TTC calculation methodology at state boundaries: : WRPC Suggested, MSETCL to take the matter with CEA(SCM) for in principle approval for shifting the lines(by Jumpering) to Aurangabad(PG) from Waluj(MSETCL) which may enhance ATC by about 1000 MW and further studies by WRPC, WRLDC & MSETCL.
7. Exploration of utilization of pumped storage stations in pumping mode during off-peak hours in WR.

He further informed about current important issues which need attention of OCC.

1. LGBR preparation for the year 2015-16.
2. Transmission line outage planning software being developed by Shri Satyanarayan S, SE(C&P), WRPC is under full swing & expected to implement in next month onwards.
3. He informed that there is Workshop on Black Start Restoration Process organized by SLDC Madhya Pradesh at Jabalpur & requested participation by constituents for the same.
4. Possibilities on exploration of pump storage facilities in WR.
5. Welcomed Athena Chhattisgarh Power Ltd. as a new OCC member.
6. Requested WRLDC for hourly peak demand data for the Western Region for further submission to CEA.

There after he requested SE(O), WRPC to take up regular agenda items in seriatim for discussion.

ITEM No. 1: CONFIRMATION OF THE MINUTES

Shri M M Dhakate, S.E(Opn), stated that Minutes of 468th meeting of Operation & Coordination Sub-Committee of WRPC held on 16th February 2015 at Mumbai were forwarded vide letter No. WRPC/OPN/OCC-Minutes/2014-15/1942 dated 23.02.2015.

DGM WRLDC requested for following correction to Item no 5. of page 20 : FAILURE IN ULDC TELECOMMUNICATION

Name of the following executives from WRLDC Smt Sachala Mishra / Smt Jyoti Sharma shall be replaced by Sh S K Saha / Sh Vivek Singh WRLDC.

& PGCIL would be coordinated for resolution of issues related with telecommunications with these officers.

The committee noted the above change.

Further no other comments have been received. The minutes were confirmed with above modification.

ITEM NO.2: REVIEW OF SYSTEM OPERATION DURING THE MONTH OF FEBRUARY 2015.

Member Secretary, WRPC requested WRLDC to brief the Committee on Grid Operation experiences during February 2015.

Chief Manager, WRLDC in the presentation (copy attached at Annexure – 2 in soft copy) concentrated broadly on the performance of the grid for month of February 2015 as below:

2.1 Frequency Particulars

The average frequency during the month of February, 2015 was 50.00Hz. The maximum instantaneous frequency was 50.55 Hz at 18:02 hrs on 17-February-15 while minimum instantaneous frequency was 49.58 Hz at 8:37 hrs on 17-February-15. The frequency profile during February, 2015 was as under:

01-Feb-2015 to 28-Feb-2015	% time
IEGC band ($49.9 < f < 50.05$ Hz)	60.15
< 49.9 Hz	12.30
> 50.05 Hz	27.56

The detailed frequency particulars are enclosed at Annex- 2.1.

The Sub-Committee noted.

2.2 Operational Discipline

There was a net inter-regional export of 3188.00 MUs by WR against net export schedule of 2988.00 MUs.

The Sub-Committee noted.

2.3 Voltage Profile

Voltage profile at some of 765/400 kV sub-stations during the month of February 2015 furnished by WRLDC is enclosed at Annex-2.3.

The Sub-Committee noted as above.

2.4 U/F Relay Operations

As per WRLDC records during February 2015 the system frequency didn't touch 49.2 Hz and no UFR operation has been reported by WRLDC.

The UFR operation status reported by constituents is enclosed at Annexure-2.4.

The Sub-Committee noted as above.

2.5 Power Cuts / Load Restrictions

Details of Power Cuts and Regulatory measures during February 2015 as furnished by the state utilities are given in Annex. 2.5.

The Sub-Committee noted as above.

2.6 Details of Generating Units under Forced outages

Details of generating units under forced outages during February 2015 are given in Annex-2.6.

The Sub-Committee noted as above.

2.7 Details of Generating Units under Planned outages

The details of generating units under Planned Outages during February 2015 are given in Annex-2.7

The Sub-Committee noted as above.

ITEM NO.3: OPERATIONAL PLANNING

3.1 Proposed Planned maintenance programme of generating units.

The maintenance programme of generating units for March 2015 & April 2015 was discussed.

The finalized outage schedule of generating units for the above period and the modified outages plan is placed at Annexure-3.1.

The Sub-Committee agreed as above.

3.2 A. Outage Programme of Transmission Lines/elements

The committee had received 576 nos. of proposals for outage planning during March 2015 & April 2015. Further some proposals were received at the last moment of the meeting.

The committee observed that :-

1. There were repetitions in the proposals, wherein the same line had been requested for outage a number of times.
2. The lines pertaining to STU were proposed for outage. As per 446th OCCM, such lines should be first approached to concerned STU and only in case of problems faced in outages concern utilities shall approach to OCC of WRPC.
3. Line details/reasons in many cases were not mentioned in proposal. Committee requested that while submitting outage planning data, necessary care may please be taken.
4. All utilities were requested to avail outages as planned.
5. Sub-Committee noted that the outages planning shall be period of 20th of the OCC month to 19th of the following month.
6. In case of any contingencies in parallel rout, online OPGW work etc. A/R shall be brought in service from non auto mode.

WRLDC suggested that the request for Emergency outage shall have following information:

1. Name and Voltage level of the Element required to be taken under emergency outage
2. Requesting Agency
3. Element owner
4. Date and duration of the outage
Reason of Emergency outage.

All approved outage are transparently displayed on the Google excel sheet having [URL:https://docs.google.com/spreadsheets/d/1M-JeQbm6Cer8dB0uHStyPcGIMs95Us7TqqFrqx77mGY/edit#gid=863831921](https://docs.google.com/spreadsheets/d/1M-JeQbm6Cer8dB0uHStyPcGIMs95Us7TqqFrqx77mGY/edit#gid=863831921) and it is visible to all who have requested for access. It is desired that official representing there organization further delegate these access to all concern in their organization for smooth functioning 24X7. Separate mails are also forwarded to all utilities on D-1 day.

B. DELAY IN ISSUING CODE BY WRLDC:

List of Transmission utilities have expressed the concern about delay in issue code by WRLDC. The outages finalized in OCC are already with WRLDC, Outages coordinator & WRLDC control room. Utilities have conveyed their consent in advance for their readiness to avail the outage on schedule date & mobilized the man/material to

respective locations. They express their concern that due to delay in issuing code have resulted of wastage of mobilization of 1000's of man-hours, machineries etc.

SE(Opn), WRPC suggested that all the formalities viz reliability consent etc. shall be completed before timing mentioned in OCC finalized list so that Shift Incharge, WRLDC control room can issue code and if there is real time problem, the same shall be informed to next OCC meeting with satisfactory reason thereof.

Member Secretary, WRPC suggested that proper coordination among utilities, WRLDC reliability coordinating group, WRLDC Control room group & WRPC would help in timely availing the outage which might leads to minimize the wastage of man power & machineries.

WRLDC raised the issue of non availability of telemetry data. The utilities agreed to timely submission of telemetry data.

The Sub-Committee agreed/noted for the same.

Shri Satyanarayan, S. SE(C&P), WRPC is developing a web-based transmission elements outages planning. He updated the status of development. He assured that project shall be implemented from next month onwards.

Member Secretary, WRPC suggested to include more intelligence in software so that it would help in decision making while clearing outages. This software would minimize & systematize the whole outage clearing procedure adopted in OCC.

The Sub-Committee noted the same.

3.3 ANTICIPATED POWER SUPPLY POSITION FOR THE MONTHS – MARCH 2015 & APRIL 2015

Details of anticipated restricted & un-restricted demands for the months of March 2015 & April 2015 are given in Annex 3.3.

The Sub-Committee noted the same.

ITEM NO. 4: OPERATIONAL STATISTICS FOR THE MONTH OF FEBRUARY 2015

The details of actual generation, demand, drawl of power from grid; exchanges etc. are given in the following Annexure:

Annex 4.1 - Actual Generation and Requirement for February 2015

Annex 4.2 - Peak Demand: Schedule Vs Actual for February 2015

Annex 4.3 - Integrated Operation of the System and Operation of Inter State Tie lines for February 2015.

Annex 4.5- Details of Declared Capacity, Schedules and Injections from Central sector stations, Drawl Schedules and Entitlements of constituents during February 2015

Annex 4.6 - Inter System Exchanges for February 2015.

Annex 4.7 – Details of level of Major Reservoirs in Western Region for Month February 2015.

The Sub-Committee noted.

ITEM NO. 5: SYSTEM DISTURBANCES IN WESTERN REGION

There was no major grid disturbance in the Western Region during the month. The other minor tripping details during the month received from WRLDC is enclosed at Annexure-5.

The Sub-Committee noted as above.

ITEM NO. 6: Healthiness status of SERs/DRs of equipment in the system.

Constituents have furnished the status of healthiness of SER/DRs in their systems on the dates below :

Sl No.	Name of constituents	Date of Receipt
1	PGCIL,WRTS-I	05.03.2015
2	PGCIL,WRTS-II	09.03.2015
3	MPPTCL	10.03.2015
4	NTPC	05.03.2015
5	CSPTCL	04.03.2015
6	GETCO	10.03.2015
7	MSETCL	10.03.2015

Constituents of WR were requested to ensure healthiness and sent information to this office regularly as per the recommendation of enquiry committee of Grid disturbances on 25.02.2007 and 28.02.2007.

The Sub-Committee noted.

ITEM NO. 7: STATUS OF COMPLETION OF ONGOING SCHEMES FOR COMMISSIONING OF REACTORS, TRANSMISSION LINES AND GENERATING UNITS IN WR.

7.1 Status of completion of ongoing Schemes for Commissioning of reactors.

The present status regarding schedule and commissioning of reactors is as below:

S. No.	400 Sub/stn. kV	Size (MVAR)	Implementing agency	Expected commissioning date
1	Jabalpur	125 MVAR	PGCIL	Commissioned on 26.03.2014
2	Khandwa	125 MVAR	PGCIL	Commissioned on 28.03.2014
3	India bulls	80 MVAR BR	MSETCL	Commissioned 26.11.2013
4	Nagda	50 MVAR	MPPTCL	Commissioned in Feb-2014
5	Sasan Line reactor-1	240 MVAR	RELIANCE	Commissioned on 16.02.2014
6	Shujalpur	125 MVAR	PGCIL	Commissioned on 31.07.2014
7	Bhatapara	125 MVAR	PGCIL	Commissioned on 24.07.2014
8	Raigarh	125 MVAR	PGCIL	Commissioned on 30.07.2014
9	Aurangabad	125 MVAR	PGCIL	Commissioned on 28.04.2014
10	Nanded	125 MVAR	MSETCL	June – 2015
11	Sholapur	125 MVAR	MSETCL	June – 2015
12	Kolhapur	125 MVAR	MSETCL	June – 2015
13	Akola	125 MVAR	MSETCL	June – 2015
*14	Nagda	125 MVAR	MPPTCL	July – 2015
15	Bhopal	80 MVAR	MPPTCL	May – 2015
16	Damoh	125 MVAR	PGCIL	Commissioned on 30.09.2014
17	Bachau	125 MVAR	PGCIL	Commissioned on 01.12.2014

18	Pirana	125 MVAR	PGCIL	Commissioned 02.10.2014	on
19	Itarsi	1X125 MVAR(Ist) 1X125 MVAR(IIInd)	PGCIL	Commissioned 15.08.2014 Commissioned 13.10.2014	on on
20	Seoni	125 MVAR	PGCIL	Commissioned 13.12.2014	on
21	Parli	125 MVAR	PGCIL	Commissioned 10.01.2015	on
22	Raipur	125 MVAR	PGCIL	Commissioned 30.09.2014	on
23	Gwalior	125 MVAR	PGCIL	Commissioned 30.06.2014	on
24	ISP	125 MVAR	NHDC	December 2015	
25	Line reactor at Nagda-ISP line at Nagda end	50MVAR	MPPTCL	July 2015	
26	Satpura	50 MVAR	MPPGCL	March-2015	
27	Sasan Line reactor-2	240 MVAR	RELIANCE	Commissioned 21.01.2015	on
28	Sasan Bus reactor	240 MVAR	RELIANCE	May-2015	
29	Bus reactor at Wardha	330 MVAR	PGCIL	Commissioned 01.11.2014	on
30	Bus reactor at Dhule	330 MVAR	BDTCL	Commissioned 04.12.2014	on

**50 MVAR existing bus reactor to be shifted to Nagda-ISP line as line reactor after commissioning of 125 MVAR reactor at Nagda.*

Sub-Committee noted as above.

7.2 Status of completion of 765/400 kV and above ongoing Transmission Schemes being executed/implemented by Transmission Agencies.

The updated status on various ongoing transmission schemes for the current year as per the current information available is as follows: -

S. No.	Name of the Line	Target Completion Date	Remarks
POWERGRID			
1	400 kV Navsari – Kudus D/C Line	June-15	ROW problem
2	765kV S/C Satna-Gwalior line (359Km + 60Km D/C Portion) Ckt.-II		Commissioned on 06.08.2014
3	765 kV Durg pooling station - Champa Pooling station - Dharamjaygarh PS - 2nd ckt		Commissioned on 21.05.2014
4	765 kV Gwalior - Jaipur line (1st Ckt) S/C	June-15	
5	765 kV Dharamjaygarh - Jabalpur Pooling Station D/C line	June-15	
6	765 kV Wardha –Nizamabad-Hyderabad D/C	March-16	
7	765 kV Narendra-Kolhapur D/C	Dec-15	
8	400 kV Aurangabad - Boisar line D/C line	Nov -2015	
9	765 kV Aurangabad (PG) - Padghe (PG) D/C	Sept-2015	
10	800kV DC Champa – Kurukshetra Bipole	Sept 2015	
11	765 kV D/C Jharsuguda – Korba		Ckt I Commissioned on 28.07.14 Ckt II Commissioned on 29.07.14
12	765 kV Wardha- Aurangabad D/C Line.		Ckt I Commissioned on 01.07.14 Ckt II Commissioned on 03.07.14
13	765 kV Aurangabad- Solapur D/C line	Oct- 2015	
14	765 kV Solapur-Pune line		Commissioned on 02.03.2015
15	765KV Durg-Wardha D/C		Commissioned on 15.11.14
16	765 kV Ranchi-Dharamjaigarh-Bilaspur II & 765 kV Ranchi-Dharamgaigad-I		Ckt I likely to be commissioned in Jan-2015 Ckt II Commissioned on 31.03.14
17	LILO of both circuits of Aurangabad –	April-15	

	Pune 400 kV D/c line at Pune 765/400 kV GIS		
18	LILO of both circuits of Parli– Pune 400 kV D/c line at Pune 765/400 kV GIS		Commissioned on 02.03.2015
19	400 kV Navsari-Magarwada 400 kV Magarwada-kala 400 kV kala-Vapi	Lilo of Navsari Vapi ckt-II	LILO ON 27.02.2015
CHHATTISHGARH			
1	LILO of 400 kV Korba west- Khedamara at Marwa	June- 2015	
2	400 kV DCDS Raipur(Raita)- Jagdalpur(DCDS)	April 2015	
2.1	220 kV Korba-Bishrampur line (DCSS)		Commissioned on 14.08.14
2.2	220 kV DCDS lines Chhuri to Mopka (Bilaspur), (DCDS)	April- 2015	
2.3	LILO of 220 kV Raigarh-Budipadar at 400 kV PGCIL S/s Raigarh	May-2015	
2.4	LILO of 220 Korba (E)- Bishrampur line at 220 kV Churri S/s	April-2015	
2.5	LILO of 220 kV Raigarh – Jindal (Tamnar) at Girwani 220 kV S/s		Charged on 22.08.14
GUJARAT			
1	400 kV D/C Kosamba-Chorania line (Package I)		Commissioned on 05.07.14
2	400 kV D/C Kosamba-Chorania line (Package II)		Commissioned on 05.07.14
3	400 kV D/C Mundra-Zerda line No. 1	June -2015	
4	400 kV D/C Mundra-Zerda line No. 2	June -2015	
5	400 kV D/C Vadinar-Amreli line	June -2015	
6	400kV APL-Hadala LILO to Halvad	Sept -2015	
7	400 kV D/C Amreli-Kasor line(Part-1)	Sept -2015	
8	400 kV Charanka- Veloda	Sept -2015	
MADHYA PRADESH			
1	Chhegaon-Julwania 400 KV DCDS Line		Commissioned on 31.10.14
2	Pithampur- Indore 400KV DCDS Line		Ckt I Commissioned on 04.09.14 Ckt II Commissioned on 07.08.14
3	Satpura TPH-Ashta 400KV DCDS Line	May – 2015	
MAHARASHTRA(STU)			
1	400KV D/C line from Koradi-(II) to Wardha S/S(PG) D/C	May- 2015	
2	400 kV Akola(II)- Taptitanda -I		Charged in Jan-14

	765 kV Koradi-(III)- Tiroda ckt-I		Commissioned
3	765 kV Tiroda- Koradi-(III) ckt-II		Commissioned on 20.01.15
4	765 kV Koradi-(III)- Akola(II) ckt-I		Commissioned on 06.02.2015
5	765 kV Koradi-(III)- Akola(II) ckt-II		Commissioned on 24.02.2015
6	765 kV Akola(II)- Taptitanda ckt-II		Charged at 400 kV level
7	400 kV Akola(APML) to Akola(MSETCL)-II		Commissioned on 02.10.14
8	400 kV Taptitanda-Bableshwar-D/C	May 2015	
9	LILO of 400 kV Chandrapur-Parli at Nanded	Jun-15	
10	2x1500 MVA 765/400 kV, ICTs at Ektuni	Aug-15	
11	400 kV Bableshwar-Kudus D/C (Quad)	Jun-15	
12	765 kV Akola(II)-Ektuni -2 (To be charge at 400kV at Tapthithanda)	May 2015	
	400kV IEPL-Warora	SLDC Maharashtra would give detail of the revised arrangement for IEPL in place of 400kV IEPL-Warora D/c	
GUJARAT (IPTC route) by WR Transmission (Guj) Pvt. Ltd			
1	400 kV Rajgarh(PG)-Karamsad (GETCO) D/C	May 2015	
STERLITE (JTCL)			
1	765 kV Dhramjaygarh - Jabalpur (JTCL) D/C line	May -2015	Severe ROW Problem
2	765 kV Jabalpur - Bina (JTCL) S/c	May -2015	Severe ROW Problem
STERLITE (BDTCL)			
1	765 kV Bhopal - Indore (BDTCL) S/C		Commissioned on 19.11.14
2	765 kV Bhopal-Bhopal (BDTCL)		Commissioned on 16.07.14
3	765 kV Vadodara - Dhule (BDTCL) S/C	April-2015	
4	765 kV Dhule - Aurangabad (BDTCL) S/C		Commissioned on 04.12.14
5	400 kV Dhule-Dhule(D/C) (up to dead end tower)		Commissioned on 05.12.14
RAICHUR SHOLAPUR TRANSMISSION CO. LTD.(RSTCL)			
1	765 kV Raichur - Sholapur line 2nd S/C		Commissioned on 29.06.2014

It was suggested by WRLDC and constituents that important list of line will be sent by each constituent to WRLDC and WRLDC will compile and furnish the list as per priority of commissioning.

The Sub-Committee noted and agreed as above.

7.3 Commissioning of new Generating units in Western Region and the capacity expected to be commissioned during the current year 2014-15.

The status regarding Generating units, commissioned /expected to be commissioned during the current year 2014-15 according the available information is as below:

Name of the Power Projects	Unit No.	Capacity (MW)	Date of Commissioning /Schedule Date
GUJARAT			
	NIL		
CHHATTISGARH			
Marwa	1	500	May 2015
	2	500	May 2015
MAHARASHTRA			
Dhariwal	2	300	Synd. On 23.04.2014
CHANDRAPUR	8	500	Synd. On 11.01.2015
CHANDRAPUR	9	500	September 2015
KORADI	8	660	Syn on 25.02.2015
KORADI	9	660	August 2015
KORADI	10	660	March -2016
PARLI	8	250	December 2015
APML	5	660	COD on 11.10.2014
MADHYA PRADESH			
Singhaji TPS	2	600	Commissioned on 15.10.14
M/s Jhabua Power, Seoni	1	600	May – 2015
Jaiprakash Power, Nigri	1	660	Synchronized on 3.09.14 COD on 17.9.14
Jaiprakash Power, Nigri	2	660	COD on 21.02.2015
Moser Bear (Hindustan power)	1	600	May – 2015
Moser Bear (Hindustan power)	2	600	December 2015
EssarPower MP ltd (Mahan)	1	600	Synchronized on 24.04.13
EssarPower MP ltd(Mahan)	2	600	May – 2015
Jhabua Power	1	600	May – 2015
BLA	2	45	June 2015
CENTRAL SECTOR/IPP			
KSK	2	600	May – 2015

KSK	5	600	May – 2015
ACBIL	1	300	May – 2015
SASAN	5	660	Synchronized in 22.08.2014
SASAN	6	660	April 2015
Sasan	4	660	Synchronized in May 2014
BALCO	1	300	Synchronized in 22.02.2015
Dgen	51	400	COD on 11.12.2014
Dgen	52	400	COD on 11.12.2014
Dgen	53	400	COD on 11.12.2014

Sub-committee noted as above.

ITEM NO. 8.1 QUARTERLY REVIEW OF CRISIS MANAGEMENT PLAN

All the constituents are requested to submit the CMP report for the Third quarter (October 2014 to December 2014) for the year 2014-15.

Healthiness of DG set at Black Start Capable Stations in Western Region

Western Region has 29 stations capable of black start. As per section 5.8(b) of IEGC, *“...the Diesel generator sets for black start would be tested on weekly basis & the test report shall be sent to RLDC on quarterly basis.”*

The list of stations in WR for black start with current status is enclosed at **Annexure 8.1**.
The Sub-Committee noted as above.

ITEM NO. 8.2 STATUS OF PHYSICAL & CYBER SECURITY IN POWER SECTOR

Status of physical & cyber security in Power Sector for the Third quarter (October 2014 to December 2014) have not been received from some of the constituents.

The Sub-Committee noted as above.

ITEM NO. 8.3 LGBR PREPARATION FOR THE YEAR 2015-16 IN WESTERN REGION.

WR is in final stage of preparation of Load Generation Balance Report for the year 2015-16 in respect of Western Region. A meeting with individual constituents as tabulated below is proposed to be held on during third week of March-2015 at WRPC.

Sr No.	Name of constituents	Date of meeting with individual constituent.
1	Gujarat	23 March, 2015(10:30 hrs onwards)
2	Madhya Pradesh	20 March, 2015(10:30 hrs onwards)
3	Chhattisgarh	18 March, 2015(10:30 hrs onwards)

4	Maharashtra	19 March, 2015(10:30 hrs onwards)
5	Goa	18 March, 2015(10:30 hrs to 12:30 hrs)
6	DNH	18 March, 2015(14:30 hrs to 17:30 hrs)
7	DD	18 March, 2015(14:30 hrs to 17:30 hrs)
8	Transmission licensees in WR	On the date of transmission line availability certification

Constituents are requested to attend the same with following data:

1. Generating Units proposed annual Maintenance programme in respect of your system(also under your control area) for the year April 2015- March 2016.
2. Annual Maintenance programme in respect of transmission elements in your system for the year April 2015- March 2016.
3. Monthwise restricted and unrestricted requirement of power (MW) and energy (GWH) for the period of April 2015- March 2016.
4. Monthwise minimum requirement of power (MW) for the period of April 2015- March 2016.
5. Projected monthwise, unitwise generation of power (MW) corresponding energy (GWH) as furnished in Generation Target for the above period.
6. Expected dates of commissioning of new generating units likely to be commissioned during the above period.
7. Generating units commissioned during the year April 2015- March 2016.
8. Month wise detail of proposed / tied-up bilateral agreements / Short term open access sought for availing assistance from other agencies during the above period.
9. Annual transmission line outages proposal by transmission licensees.

The Sub-Committee noted as above.

ITEM NO. 8.4 READINESS OF SLDC AT GOA, OTHER SLDCs AND WRLDC FOR UPGRADATION OF EXISTING SCADA/EMS SYSTEM

During 28th WRPC meeting it was decided that the status of progress of SLDC's & Back-up SLDC's of WR constituents /WRLDC would be regularly monitored in monthly OCC meeting.

The present status of progress of SLDC's & Back-up SLDC's of WR constituents /WRLDC are as follows:

Sr No.	Name of constituents	Status
1	Gujarat	Almost ready, expected in April 2015 end. Backup SLDC-Gandhinagar Sub SLDC-Jambua ALDC- JETPUR
2	Madhya Pradesh	Work under progress Sub LDC Indore – by March 2015 end Back up SLDC Bhopal – by May 2015 end.
3	Chhattisgarh	Expected in June 2015
4	Maharashtra	Expected in May 2015. (Ambazari-sub LDC)
5	Goa	Madgaon Expected in June 2015 Sub SLDC at Cuncolim
6	DNH	Expected by June 2015.
7	DD	Magarwada expected by April 2015
8	WRLDC	Already functional from NRLDC

SE(O), WRPC stated that the purpose of having backup LDC/Sub LDC is two fold viz. one having back up data and second and important one is that from back-up/sub LDC operator should be able to operate the grid similar to main LDC and requested all State SLDC representatives to check for availability of these features in back-up/sub LDC and revert with complete report during next OCC.

The Sub-Committee agreed as above.

ITEM NO. 8.5 : ERS INSTALLATION BY ALL STATES – LETTER FROM SECRETARY POWER TO ALL STATES

Secretary(Power), MOP vide letter dated D.O. No. 20/6/2014-OM dated 5.12.2014 addressed to Chief Secretaries of all States have desired that in case of disasters immediate and temporary restoration of transmission networks is possible by deploying the “Emergency Restoration System(ERS)”. Also Grid Standards notified by CEA stipulate that every Transmission Licensee shall have an arrangement for restoration of transmission lines of at least 220 kV and above through use of ERS. In view of above Secretary (Power) had requested to issue necessary directives to Transmission Utilities/Transmission Licensees operating in their State to take stock, procure appropriate number of ERS infrastructure and place them at strategic locations and intimate the action taken to CEA/MOP.

The matter was discussed in 28th WRPC meeting held on 4th March 2015 at Udaipur. Following is the status of ERS available & proposal for additional ERS:

- Two ERS available at present with MSETCL at Kalwa & Akola and two more are under procurement.
- Gujarat: No ERS is available at present & they are able to manage.
CE, SLDC GETCO suggested that ERS at same geographical area shall be used as common pull under emergency.
Member Secretary WRPC stated that Gujarat being a geographically spread area transportation of ERS from other utilities would take considerable time, ERS is an emergency measure and should plan for ERS in their system too.
- PGCIL stated that 400 kV ERS substations may also be thought of, as seen from their experience in SR in recent cyclones.
- PGCIL informed that they have three 400 kV set of ERS system viz Dehgam, Raipur & Itarsi & one 765 kV set of ERS is available at Seoni. Two more is under procurement. 400kV level ERS at Boisar will be made available by the April 2015 end.
- Two ERS available at present with CSPTCL. At present both units are at the Bhilai.
Sub-committee suggested that one ERS set shall be shifted to Korba area.
- One ERS available at present with APL at Sami.
- One ERS is available with MP & two more are under proposal stage.

The Sub-Committee noted as above.

ITEM NO. 8.6 : UNREASONABLE SCHEDULING OF NTPC STATIONS

GM(OS), NTPC Mumbai vide letter no WR-I HQ/OS-COMML/GM/2015 dated 08th January, 2015 requested to discuss the unreasonable schedule at NTPC Vindhyachal station.

1. NTPC units are being given unreasonable schedules for operation. In spite of repeated requests by NTPC, the schedules are observed to be very low during night hours and exceeding the capacity of On-Bar units during day hours. Constituents are giving requisitions ranging from 0 to 100% of their entitlements resulting into a huge gap between maximum and minimum generation levels. Because of such un-reasonable schedules, unintentional over- injection as well as

under-injection is taking place (the trend did not improve even after the withdrawal of 2 units of Vindhyachal St-I of 6 x 210 MW).

2. Considering such operational difficulties, the decision was already taken in 24th, 25th & 26th WRPC meetings regarding Technical Minimum scheduling and methodology for declaration of RSD. The same needs to be ensured.
3. Operationally reasonable schedules and ratio between minimum and maximum generation levels are required to be ensured as envisaged in IEGC (cl. 6.5.14 of IEGC regulation). This will ensure the integrated operation of the power system as envisaged in regulation 2.3.1 of IEGC.

The matter was discussed in 467th OCC & the following recommendations/suggestions were given by the committee members to which the beneficiaries/constituents agreed :

- Constituents should at least requisition for more than 30% of their entitlements for on-bar generation for all NTPC ISGS stations.
- In case total requisition for a particular on bar units in a station is lesser than technical minimum then deficit for meeting TM would be conveyed by WRLDC to beneficiaries.
- Beneficiaries will send revised requisition so as to meet TM on pro-rata basis by 2100 hrs. After 2100 hrs. WRLDC will issue the final schedule i.e. R-1, as received from beneficiaries.
- In this matter WRLDC will coordinate and issue reasonable schedule taking care of ramping up/ramping down and the ratio between minimum and maximum generation levels as envisaged in IEGC 6.5.14.

In view of ensuring availability of NTPC Coal fired units in peak & off peak hrs continuously with operationally reasonable schedule, the beneficiaries has agreed for the above mentioned procedure / methodology. Member Secretary, WRPC wrote a letter to all beneficiaries under intimation of WRPC & TCC Chairman's on above decisions. The above decision is exclusively for NTPC ISGS station. For CGPL Mundra station a separate meeting shall be called among the CGPL, their all beneficiaries, WRLDC & WRLDC. The meeting will be coordinated by CGPL. Further, In line with the decision taken in the 467th OCC meeting, WRLDC has created a separate webpage on its website to facilitate beneficiaries in sending their requisitions as per their decision taken the OCC meeting. The webpage shows the following figures for each 15-minute time block:

- Declared Capability of ISGS in MW
- Entitlement of the beneficiary computed from the DC in MW
- Requisition received from the beneficiaries in MW - Requisition received from the beneficiary as % of its entitlement
- Injection Schedule (Summation of the Requisitions) in MW
- Injection Schedule as % of Declared Capability

The URL: http://wrlcdc.in/WebPublish/ISGS_SurplusPerc.aspx

Alternate URL: http://wrlcdc.com/WebPublish/ISGS_SurplusPerc.aspx

Hence, the scheduling coordinators of Discoms / SLDCs as well as Generating Stations can transparently see the entitlement, requisition and schedule of all Beneficiaries/ ISGS in R0, R1 and other subsequent revisions.

All cases, where Requisitions sent by SLDCs are in deviation from the decision taken in 467th OCC or cases where the ISGS expresses reservations in their schedule are flagged by WRLDC to the concerned SLDCs with copy to the respective ISGS along with an advise to SLDCs to review their requisitions.

After the implementation of above methodology for almost a month, the experience was shared by NTPC/WRLDC during 28th WRPC meeting. After in principle agreement during the 28th WRPC meeting, NTPC prepared procedure/methodology as below which was shared by NTPC during this meeting :

1. Methodology agreed in 467th OCCM for scheduling of NTPC will be followed with little modification as follows :
2. All beneficiaries to give atleast Technical Minimum schedule.
3. If requisition of any beneficiary is zero, or very less and generation schedule is less than Technical Minimum, beneficiary can ask WRLDC to take out the unit in RSD.in case beneficiary is not asking for RSD:-
 - a) *NTPC will inform beneficiaries and RLDC to enhance schedule to Technical Minimum.*
 - b) *If Schedule is still less, NTPC will inform RLDC and SLDCs and propose for withdrawal of unit.*
 - c) *Even then if no corrections are done and schedule is less than technical minimum level, NTPC will withdraw the unit in RSD and inform to all SLDCs and WRLDC.*
 - d) *Earlier only beneficiaries were declaring and asking for RSD. Now NTPC can also initiate for RSD. Duration of RSD will be 72 hours, however in case of emergency, NTPC will be asked to bring the unit early.*

4. In case of unit is taken on RSD, generation schedule for NTPC will be restricted to On-Bar capacity.
5. For this NTPC will declare ON BAR/OFF BAR and total DC (to WRLDC). (*NTPC will not give DC for Units under forced and planned outages*).
6. WRLDC will also indicate on bar and total DC entitlements of constituents.
7. Constituents will give requisitions in R0 as per their requirement in entitlements on total DC.
8. WRLDC will ask constituents to restrict or increase their requisition up to full ONBAR DC, or Technical Minimum of ONBAR DC. And accordingly R1 schedule will be issued.
9. If a unit is taken on RSD and any constituent has requisitioned more than their entitlement from on bar DC, the same will be scheduled to him limited up to his entitlement from total DC and this will not be considered as URS.
10. When requisition of any constituent is shifted to other stage or other station and the same is scheduled, it will be on Variable cost only. It will not be considered as URS for fixed cost sharing.

Member Secretary, WRPC stated that New RSD methodology shall be implemented in letter & spirit and if any difficulties are found OCC would further discuss and fine tune the procedure.

The Sub-Committee noted as above.

ITEM NO. 8.7 DEVIATION SETTLEMENT MECHANISM AND RELATED MATTERS (FIRST AMENDMENT) REGULATIONS, 2014 DATED 18TH DECEMBER 2014

Hon'ble CERC has notified the first amendment of DSM regulation on 18th Dec'2014.

Salient features of the Notification :

- A. Cap rate for generating stations regulated by consumer using gas supplied under APM as the fuel has been extended till revision of price of APM gas by GoI.
- B. Amendment of Regulation 7 of the Principal Regulations:

(1) Clause (1) of Regulation 7 of the Principal Regulations shall be substituted as under :

„(1) The overdrawal/under drawal of electricity by any buyer during the time block shall not exceed 12% of its scheduled drawal or 150 MW, whichever is lower, when grid frequency is “49.70Hz and above and below 50.10 Hz”;

Provided that no over drawal of electricity by any buyer shall be permissible when grid frequency is “below 49.70 Hz” and no under drawal of electricity by any buyer shall be permissible when grid frequency is “50.10 Hz and above”.

(2) Clause (2) of Regulation 7 of the Principal Regulations shall be substituted as under:

“(2) The under-injection / over-injection of electricity by a seller during a time-block shall not exceed 12% of the scheduled injection of such seller or 150 MW, whichever is lower when grid frequency is “49.70 Hz and above and below 50.10 Hz”

Provided that

(1) No under injection of electricity by a seller shall be permissible when grid frequency is “below 49.70 Hz” and no over injection of electricity by a seller shall be permissible when grid frequency is “50.10 Hz and above”.

(2) Any infirm injection of power by a generating station prior to COD of a unit during testing and commissioning activities shall be exempted from the volume limit specified above for a period not exceeding 6 months or the extended time allowed by the Commission in accordance with Connectivity Regulations.

(3) Any drawal of power by a generating station prior to COD of a unit for the start up activities shall be exempted from the volume limit specified above when grid frequency is “49.70 Hz and above”.

C) Amendment of Annexure-II of the Principal Regulations:

(1) In Para A of Annexure II of the Principal Regulations, the word „Payable” shall be substituted by the word „Receivable”.

(2) In Para C of Annexure-II of the Principal Regulations, the letter and figure “D12/150” shall be substituted by the letter “Dtb”

In the matter of inappropriate margins for deviation in DSM following was decided during 28th WRPC meeting:

- A group comprising of All Chief Engineers(LD) and member each from NTPC Mumbai, APL, Mundra, CGPL, Sasan Power limited, member from one Discom or Management Company. The group will be headed by CE(LD), MSETCL.

The group will discuss on following :

1. Would discuss the problems faced by all beneficiaries in keeping the deviation less than 150 MW.
2. Relaxation of penalties implied in DSM regulations due to large size unit tripping, sudden change in renewable generation, persistent SCADA/telemetry/communication problems. These can be common problems or case specific, and would be discussed from time to time.
3. The group would meet urgently during March-15 and immediately review the follow up actions during April-15.

4. The group will also decide and finalise the white paper, observation, filing of combined petition in CERC etc.
5. Consideration of above problems and recommend for revision of DSM bills accordingly.

Member Secretary, WRPC suggested MSETCL to call an urgent meeting in April 2015.

Maharashtra & other utilities agreed on the same.

ITEM NO. 8.8 REQUIREMENT OF SPLIT BUS ARRANGEMENT AT SSP:

Now-a days, all units of RBPH are remaining (with the generation of about 1050 MW) on bar daily for few hours. Whenever all the units are on bar, the loading on 400 KV S/C SSP - Asoj line increases beyond 650 MW, which is indeed very critical. Also, the loading on 400/220 KV, 2 x 500 MVA ICTs at Asoj remains above 400 MVA.

Hence, it is requested to keep the bus bar arrangement at RBPH 400 KV & 220 KV switchyard as per the guidelines issued vide our letter No. SLDC/CE/MIS/SSP/ T-3243 Dt. 23.07.2014 (copy attached) so that the 400 KV & 220 KV bus coupler shall be opened whenever there is a need for taking more than 4 (Four) RBPH units and closed whenever the need is over.

Also, now-a-days, it is observed that the power order on $\pm$ 500 KV Mundra - Mohindergarh HVDC bipole line is around 2300 to 2500 MW which is also a cause for such substantial loading on 400 KV S/C SSP - Asoj line being the shortest path for the power to flow in Gujarat system.

Therefore, it is utmost essential to keep split bus operation at SSP whenever the above-said conditions prevail and cannot be restricted to only spill over condition which occurs only during monsoon season. The opening and closing of the 400 KV & 220 KV bus coupler will be the only operation needed at such times if the bus bar arrangement is kept as shown in the guidelines shown in our letter dated 23.07.2014. In response of the above EE, NCA vide letter dated 09.03.2015 submitted following points:

- A. Guidelines for Split Bus Arrangement finalized suggests Split Bus arrangement at SSP to be carried out as a purely temporary arrangement when all following conditions satisfy simultaneously/prevail for more than 6 hours:
 - When SSP (RBPH + CHPH) generation is more than 1000 MW.
 - When flow on 400 kv S/C SSP-Asoj exceeds 550 MW.

- When the loading on 400/220 kV, 2 x 500 MVA ICTs at Asoj S/S exceeds 350 MW.
- B. Presently, there is no monsoon/spillover period.
- C. As on date, most of the criteria laid down/finalized in the Split Bus Guidelines do not satisfy and hence does not warrant for implementation of Split Bus Arrangement at SSP.

He further requested that Split Bus Arrangement at SSP may kindly be considered as a purely temporary arrangement and to be implemented during monsoon/spillover period only as agreed in various earlier meetings of WRPC/NCA for the reliability and stability in the area.

GM, WRLDC stated that split bus operation at 400 kV SSP needs to be avoided in the interest of reliability of the power station.

He further suggested following long term measures which can be taken up at appropriate forum which may reduce the ICT & line loading problem:

- Bus sectionalization at 400 kV as well as at 220 kV level at SSP.
- LILO of 400 kV SSP-Dhule lines at a suitable load centre in Maharashtra.
- FSC on 400 kV SSP-Dhule D/C line.
- Additional outlets from SSP to load centres in Madhya Pradesh & Maharashtra.

Member Secretary, WRPC suggested GETCO to explore the long term measures to alleviate the overloading of Asoj ICT & associated lines at SSP as bus split method at SSP was purely a temporary solution & loading of ICT is also dependent on generation in Mundra area.

The Sub-Committee noted as above.

ITEM NO. 8.9: NECESSITY TO INCREASE THE LIMIT OF CGPL-MUNDRA TOTAL GENERATION IN CASE OF A PRE-PLANNED OUTAGE OF ANY ONE OF THE EIGHT LINES INCLUDING 400 KV D/C BHACHAU - VADAVI LINE:

At present, there is practice of limiting the CGPL-Mundra total generation to 3100 MW or even less whenever there is a pre-planned outage of any one of the eight lines including 400 KV D/C Bhachau - Vadavi line.

Recently, 400 KV D/C Bhachau - Varsana line is commissioned on 05.01.2015 and as a result, the power flow on 400 KV D/C Bhachau - Vadavi line has reduced by some

extent. When each unit is generating around 750 MW with total station generation exceeding 3700 MW, the loading of the lines are as below:

- | | | |
|--------------------------------------|---|----------------------------|
| 1. 400 KV D/C CGPL - Bhachau (PG) | - | around 800 MW on each line |
| 2. 400 KV D/C CGPL - Chorania | - | around 500 MW on each line |
| 3. 400 KV D/C CGPL - Jetpur | - | around 500 MW on each line |
| 4. 400 KV D/C Bhachau (PG) - Vadavi | - | around 500 MW on each line |
| 5. 400 KV D/C Bhachau (PG) - Varsana | - | around 125 MW on each line |

Under the above conditions, there is no need to restrict the total generation to 3100 MW or below even after permitting a pre-planned outage as stated above. Also, it is not justifiable to keep such cheaper generation under backed down condition when there is enough margin on the lines.

Instead, it is requested that while permitting the planned outage of any one of the eight lines including 400 KV D/C Bhachau - Vadavi line, the CGPL generation shall be backed down initially upto 3100 MW and subsequently, despatch shall be gradually increased such that the loading on any of the remaining circuits shall not exceed 900 MW as each of those eight lines are of high capacity Triple Snowbird conductor.

The sub-Committee discussed the matter & agreed that during the outages of any one of the line associated with CGPL, they may increase generation up to 3300 MW against earlier decision of limited up to 3100 MW provided the loading on any of the remaining circuits shall not exceed 900 MW as each of those eight lines. This issue was slated for discussion at WRPC office on 30th March 2015 along with meeting of URS for CGPL.

The Sub-Committee noted as above.

ITEM NO. 8.10 : REQUIREMENT OF REVIEWING THE POWER ORDER ON $\pm$ 500 KV MUNDRA - MOHINDERGARH HVDC BIPOLE LINE DEPENDING ON THE TOTAL GENERATION AT APL-MUNDRA:

Many times, it is observed that the power order on $\pm$ 500 KV Mundra - Mohindergarh HVDC bipole line is more than 2300 MW when the total generation at APL complex is less than 3500 MW. At that time, the total power flow on AC network from APL complex remains less than 1200 MW. Such less power flow on AC network with all lines (including 400 KV D/C APL - Dehgam line with 38% FSC at Sami) in service is not advisable at all as it results in substantial power flow on 400 KV D/C CGPL - Bhachau - Vadavi line. Hence, it is utmost necessary to review the power order on HVDC bipole line especially when there is less generation at APL complex.

Member Secretary, WRPC suggested that WRLDC shall make study of the above conditions in consultation with NLDC.

He further informed that WRPC will take up with NLDC to take care of congestion during any contingencies.

The Sub-Committee noted as above.

ITEM NO. 8.11: CONTINUOUS BACKING DOWN OF POWER FROM SASAN UMPP:

Sasan Power Limited has expressed their concern over continuous backing down of Sasan UMPP by Delhi SLDC. Letter from Sasan Power Limited dated Mar 02, 2015 containing items for Consideration in this OCC has been attached as Annexure 8.11. GM WRLDC stated that the period mentioned above was low demand period due to unseasonal rain. This may not be continuous problem.

SEIO), WRPC requested SPL to have one meeting alongwith beneficiaries similar to CGPL meeting scheduled on 30.03.2015 for taking care of further issues, if any.

The Sub-Committee noted as above.

ITEM NO. 8.12 : REGARDING DATA OF PEAK DEMAND:

CEA through its letter no I/AI/COR/GM-2015/346-350 dated 27-02-2015 informed that peak demand met peak demand in the country should be based on hourly all India demand data. The matter was taken up with POSOCO for getting the hourly data of peak demand met for each month in respect of all the regions in the country in the first week of following month and they have assured to furnish the same. To calculate the demand, data of hourly scheduled and unscheduled power cuts/load shedding is also required, which is not available with POSOCO.

It is therefore requested that hourly figures of scheduled and unscheduled power cuts/load shedding data may be submitted by States/UTs to WRPC in the enclosed format. CEA letter and enclosed format in attached as Annexure-8.12.

WRLDC representative informed that they have been furnishing the data earlier also & agreed to submit the data within first two working days of the followed month.

The Sub-Committee noted as above.

ITEM NO. 8.13: WORKSHOP ON BLACK START RESTORATION PROCESS

A Workshop on Black Start Restoration Process in MP System will be conducted by SLDC Jabalpur on 25th of March 2015. All the constituents are requested to nominate their representative for the above workshop.

The Sub-Committee noted as above.

ITEM NO. 8.14: ISSUES PERTAINING TO GOA – TRANSMISSION CONSTRAINTS AND POWER ALLOCATION

CEA in its letter no CEA/DPD/PFA/2015 dated 21-02-2015 have sought information regarding some issues related to Goa. Since unavailability of representatives from Goa, the information could not be furnished.

SE(O), WRPC intimated that a letter was addressed to CEE, ED, Goa wherein it was stressed that participation from Goa was must and it was intimated that Goa representative who would be attending the meeting would come ready with answers/status pertaining to all the items intimated to him by email. Goa representative during the meeting intimated that he is not in a position to answer/update the status and he would consult with the concerned officers of the GED & revert in next OCC meeting.

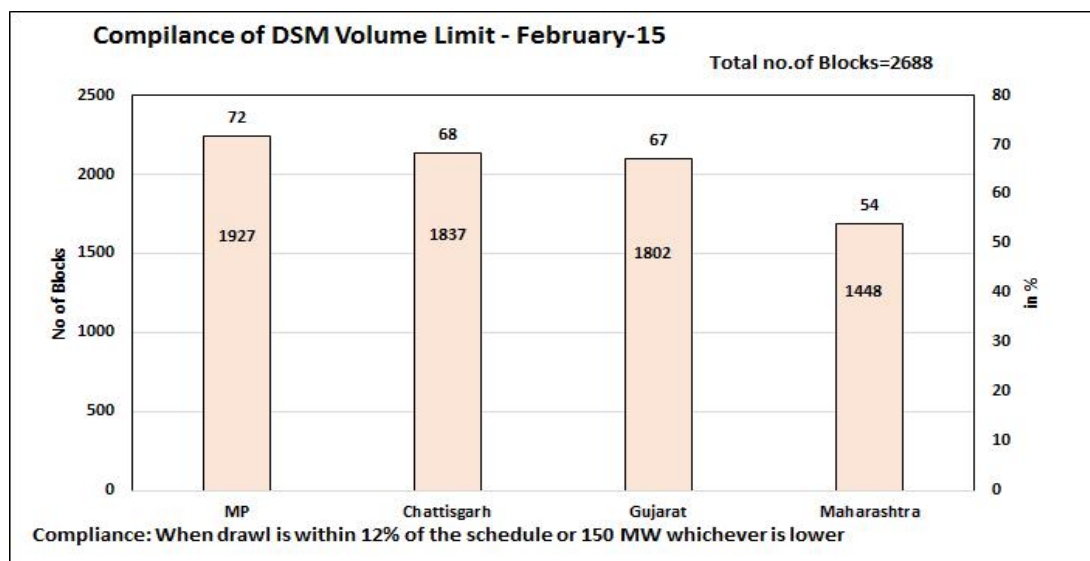
Member Secretary, WRPC requested Goa representative to submit all the information / status within a week time.

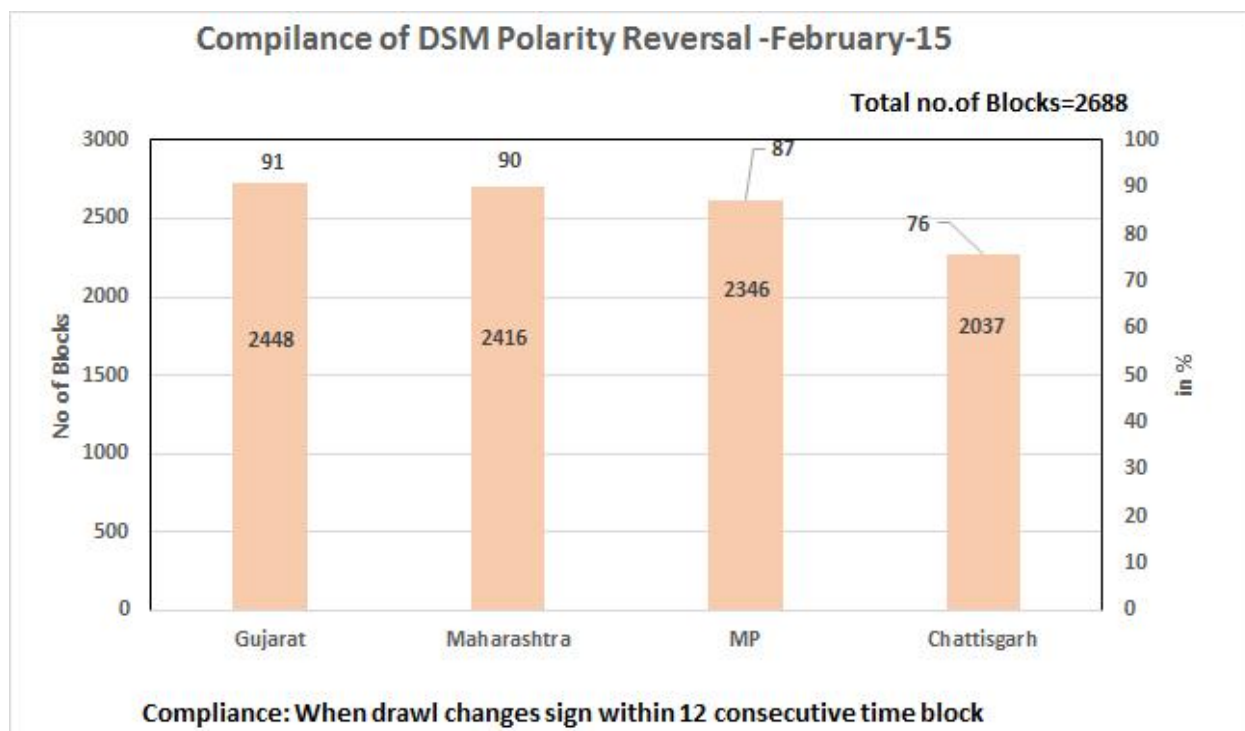
The Sub-Committee noted as above.

ITEM NO. 9 : ITEMS FROM WRLDC:

1. Agenda Item No 2.2: Operational Discipline

The status of compliance to DSM regulation by major States of Western Region is as given below:





The Sub-Committee noted as above.

2. LOAD CRASH IN WESTERN REGION

Due to rain and thunder storm in certain part of Western Region, there was demand crash on the night of 28th Feb-15 and in the early morning of 1st March-15.

The detail of state consumption and drop in demand met on 1-march-15 compared to 28th Feb-15 is tabulated below.

Date-->	28-Feb	1-Mar	28-Feb	1-Mar
State	Consumption in MUs		Max Demand Met in MW	
Gujarat	264.3	223.1	12033	9925
Madhya Pradesh	169.9	107.5	8945	5597
Chattisgarh	82.2	80.2	3625	3455
Maharashtra	370.7	274.5	18652	13103
Goa	8.4	6.4	419	374
DD	6.4	6	285	261
DNH	15.6	15	684	642
ESIL	6.6	8.9	335	441
Western Region	924.1	721.6	43453	32915

Table 1: WR Consumption in MUS and Drop in Demand Met in MW

Frequency Profile on 28-Feb-15 and 1-March-15

Frequency Profile	28-Feb	1-Mar
Max Freq	50.35	50.54
Min Freq	49.81	49.76
Average Freq	50.03	50.07
FVI	0.07	0.19
Below IEGC	2.79	3.97
% IEGC band	63.46	42.95
Above IEGC	33.75	53.08

Table 2:Frequency Profile on 28-Feb and 1-March-15

Measure taken to restrict High Frequency and High Voltage for safety and security of the system:-

Unit withdrawn on System Constraints :

1. Generator withdrawn due to system constraint : VSTPS-5(210 MW), VSTPS-10(500MW), VSTPS-3(210MW), VSTPS-6(210 MW), VSTPS-12(500MW), Sipat-3(660MW)
2. Generation Back-down in CGPL, Sasan, GMR Chhattisgarh, KWPC
3. Unit of KSTPS-2, Bhusawal-4, APML-5 and Chandrapur-5 which were ready for synchronization were not taken into service during night hrs.
4. 2 units of Ghatgar (2X125 MW) were running at Pumping Mode.
5. Hydel of Gujarat, Maharashtra and Madhya Pradesh was backed down.

Further, there was Grid incident at 3:31hrs of 1-March-15 in south Maharashtra. Due to tripping of multiple lines from 400kV Karad, Kolhapur and Mapusa, there was loss of 700MW load. Karad and Kolapur area was islanded and collapsed resulting in loss of supply in karad, Kolhapur and Goa area.

Member may like to discuss various steps to control high frequency and High voltages

- a) Measure taken to ensure Load Generation balance.
- b) Synchronous Condenser mode at SSP and Koyna to control high Voltage
- c) Pumping Storage Plants

The Sub-Committee noted as above.

3. SEVERE CONSTRAINT IN GRID MANAGEMENT DUE TO REPEATED AND PROLONGED FAILURE IN ULDC TELECOMMUNICATION SYSTEM RESULTING IN NON-AVAILABILITY OF REAL-TIME DATA

The case of real time data failures have considerably increased in recent past leading to serious constraints in Grid management. For example

- a) Due to failure of MUX cards at Bhatapara since 11:10 Hrs of 24-Jan to 13:26 of 27-Jan, the entire data from Raipur (which is a major concentration point) stopped coming. The observability of nearly 10,000 MW was not available at WRLDC control room. (
- b) Again, there was a MUX card failure at Indore POP at 1500 Hrs. of 27-Jan to 11:40 of 29-Jan. The observability of nearly 25,000 MW, caused complete darkness and were operating in a blind mode.
- c) Generation of 300MW at Sipat in W3 area was not visible from 22:45hrs of 22-Jan-15 to 11:40hrs of 29-Jan at WRLDC.
- d) Generation of 3250 MW at Vindhyachal Stage 1 & 2 was not visible from 8:45hrs of 24-Feb-15 to 12:30hrs of 1-March at WRLDC.

Following issues may be discussed.

1. Present status and Progress of implementation of communication patch up at all Wide band locations where both ULDC and Telecom co- Exist.
2. Data from Tarapur Stage-1 is out from 21/01/2015. NPCIL has been writing to POWERGRID WRTS-1 but the issue is unattended for the jurisdiction issue between WRTS1 and WRTS2. Present Status to be reviewed.
3. 765kV Dharmjaygarh station data was completely out from 00:25hrs of 4-Feb-15 to 12:30hrs of 19-Feb-15. Thereafter data was intermittent till date.

The Sub-Committee members noted & agreed to furnish the same.

4. TRANSMISSION CONSTRAINTS WITHIN MAHARASHTRA SYSTEM

This issue of transmission constraints on EHV lines within Maharashtra system has been deliberated since 458th OCC, 37th Standing committee as well as in 28th TCC/WRPC meeting.

The lists of the lines which are required to be monitored closely for de-Congestion are given in the table below. The same was also discussed in TCC/ WRPC Meeting. The status submitted during the meeting is as under:

Name of the line	In OCC -469
	Target Completion Date
	(as given by utilities)
Maharashtra	
2x1500 MVA 765/400 kV, ICTs at Ektuni	Aug-15

400 kV Bableshwar-Kudus D/C (Quad)	Jun-16
400kV IEPL-Warora	400kV Koradi-IEPL-Warora D/c / May-15
LILO of 400 kV Chandrapur-Parli at Nanded	Jun-15
Additional 220 kV outlets from Pune(PG)	Jun-15
220 kV outlets from Aurangabad(PG)	Tender in March-15/ Expected March -16
220 kV outlets from Taphthithanda	Sep-16
IndiaBull –Akola-D/c	Mar-15
MEGPTL	
765 kV Akola(II)-Ektuni -2 (To be charge at 400kV at Taphthithanda)	Mar-15
765 kV Koradi-III- Akola(II)-2	Charged on 24-Feb-15
BDTCL	
400 kV Dhule(MH)-Dhule(BDTCL)(Idle charged)	Non-readiness of Bays at MSETCL end / April-15
POWERGRID	
765kV Pune(GIS)-Sholapur(PG)	Charged on 28-Feb-15
400kV Aurangabad-Boisar-D/c	Jun-15
765 kV Aurangabad-Sholapur –1	Jun-15
765 kV Aurangabad-Sholapur -2	Jun-15
LILO of both circuits of Aurangabad – Pune 400 kV D/c line at Pune 765/400 kV GIS	Apr-15
LILO of Parli– Pune 400 kV D/c line at Pune 765/400 kV GIS	Charged on 24-25-Feb-15
400 kV DGEN-Vadodara D/C	Contingency arrangement to be discussed in CEA Standing committee
765kV Aurangabad(PG)-Padghe(PG)-D/c	Jun-15

The Sub-Committee noted as above.

5. SECURE EVACUATION FROM SASAN-VINDHYACHAL COMPLEX

Sasan UMPP has an envisaged capacity of 3960 MW. Presently Five units of Sasan are commercially in operation (3300 MW). The COD process of 6th Unit has also started. The installed capacity at Vindhyachal-I, II, III and IV is 4260 MW. This includes 2x500 MW units of Vindhyachal-IV. The total generation at Sasan and Vindhyachal complex is around 8220 MW.

The Sub-Committee noted as above.

6. RELIABILITY OF DG SET AT BLACKSTART STATIONS

During the workshop on Western Region Recovery Procedure, it was agreed to have reliable auxiliary supply for success of black start. Accordingly the matter was

discussed in 467th OCC meeting wherein it was decided that the station having black start facility shall have **at-least two DG sets** for reliability and redundancy of DG set. The list of 23 stations having single DG set along with make and year of Manufacturing are given below.

Stations with only one DG set			
S No	Station Name	Make	Year
Madhya Pradesh			
1	Pench	CUMINS INDIA PVT. LTD.	1999
2	Bargi	Cumins India Ltd. Pune	1999
3	Medikheda	Crompton Greaves	2005
4	Tons(Bansagar)	Crompton Greaves	2005
5	Rajghat	KIRLOSKER ELECTRICAL Ltd	1995
6	GandhiSagar	KATO ENGINEERS	1958
7	Birsinghpur	HBL	2014
Gujarat			
8	GPEC(CLPIPL)	Caterpillar Model No. 3608	1990
9	GIPCL-I	KIRLOSKAR CUMINS LTD	1991
10	Ukai (H)	Kirlosker Electric Co.Ltd	1987
11	Mini Hydro	Jyoti Ltd.,Baroda	1983
12	Kadana	KIRLOSKAR CUMINS LTD	1990
13	KAWAS	Ceglec Ltd.	1991
14	GANDHAR	Niigata Engg,Japan	1994
Maharashtra			
15	Khopoli	CUMINS INDIA PVT. LTD.	1992
16	Bhivpuri	Catter Pillar	1997
17	Bhira	Catter Pillar	2002
18	Bhira PSS	CUMINS INDIA PVT. LTD.	1994
19	Trombay	Kirloskar	1993
20	KOYNA I & II	AEG (Made in Germany)	1958
21	URAN	Kirloskar	2006
22	Paithan	Kirloskar	1991
Chhattisgarh			
23	Hasdeo Bango	CUMINS INDIA PVT. LTD.	1996

The Sub-Committee noted as above.

7. TESTING AND COMMISSIONING OF NEW GENERATING UNITS IN WESTERN REGION

As per the available information at WRLDC following units are expected to inject infirm power as part of Testing and commissioning activity for Capacity addition in FY 2014-15.

1. SASAN UMPP Unit-6 (660MW once synchronized)
2. Maruti Clean Coal Ltd unit-1 (300MW)
3. Jaypee Nigrie Unit-2 (660MW)—COD done
4. RKM Power Unit-1 (385MW – two time synchronised)
5. GMR- Chattisgarh (unit-1 685MW – 72 hours test done)
6. Koradi-8 (660MW synchronized)
7. IndiaBull Amravati (270MW synchronized at 2:17hrs of 3-March-15)
8. Jindal Power Limited (JPL stg-2 at Tamnar) (Expected to synchronize Unit-4 600MW by 15-March-15)

Other entities may also furnish the details of generating units expected to be under performance test in March'15.

The Sub-Committee Members agreed to furnish the same.

8. EXTENSION OF START-UP SUPPLY TO LARGE POWER STATION DURING SYSTEM RESTORATION

A) CGPL UMPP

During last OCC , it was suggested that CGPL may go for option of taking contract demand of 60 MW from GETCO. Issue to be discussed and in case it is not feasible, it has to be concluded that in case of Blackstart requirement of CGPL UMPP, only TOP-Down approach is feasible which will take considerable time.

B) Startup supply to other Generating stations in WR- All well covered in Recovery Procedure- 2014. All Utilities are requested to highlight any issues so as to keep it addressed. Softcopy of recovery procedure 2014 was made available to all utilities. It is password protected.

The Sub-Committee noted as above.

9. UTILIZATION OF AVAILABLE CAPACITY IN PUMP STORAGE HYDRO PLANTS IN WESTERN REGION

During 28th TCC/WRPC following status by utilities of pump storage facilities was given:

	Station	Capacity	State	Pumped Storage commissioned	Capability of working in pumping mode
1	Paithon (Jayakwadi)	1x12	Maharashtra	Yes	Yes
2	Ujjaini	1x12	Maharashtra	Yes	No
3	Bhivpuri	1x90	Maharashtra	Yes	No
4	Bhira	1x150	Maharashtra	Yes	Yes . But due to availability of sufficient water, Gen runs for almost 10 hrs. Commercial aspects needs to be looked into
5	Ghatghar	2x125	Maharashtra	Yes	Yes
6	Sardar Sarovar	6x200	Gujarat	No	Tail race reservoir (Garudeshwar) to be completed : Target-18 months
7	Kadana-I	2x60	Gujarat	Yes	Vibration problem observed
8	Kadana-II	2x60	Gujarat	Yes	Vibration problem observed

- Regarding SSP, NCA was requested to give a white paper on all issues faced, so that they can be discussed separately.
- Regarding Kadana, Vibration problems are faced.
- Bhira commercial problems also needs to be sorted.

10.REVIEW OF ATC/TTC FOR EACH STATE CONTROL AREA IN WESTERN REGION.

As per the CERC regulations on congestion alleviation in real-time TTC/ATC is to be computed by SLDCs for their States. The need for assessment of import/export ATC

for each state was emphasized CERC order on Grid Disturbance of July 2012. The assessment of TTC/ATC for in a meeting taken by Member (GO&D), CEA on 29th Oct 2014. There was a consensus on the issue in the 13th FOLD meeting held on 11-Dec-14.

The matter was further discussed in the 464th, 465th, 466th, 467th and 468th OCC meeting. In 468th OCCM SLDC MSETCL had raised concerns regarding import capability worked out by WRLDC for Maharashtra control area. It was decided that MSETCL and WRLDC would jointly look in to the TTC computation and after verification would revert back to OCC. Accordingly a meeting was held at WRLDC on 26.2.15 with SLDC and STU representatives of MSETCL.

The assumptions taken in the study case regarding state generation and node-wise loads were verified by MSETCL representatives and minor changes were suggested for generation considered at 220kV level and loads at certain 132kV S/S. WRLDC agreed to modify the case.

EE, SLDC, MSETCL confirmed the constraints observed at 765kV Aurangabad ICT, 400kV Aurangabad (PG)-Aurangabad (PG)-interconnection and 400kV Aurangabad-Pune section.

After discussions the following points were agreed:-

Since the constraints are mainly observed at Aurangabad and Tiroda generation also is evacuated at Aurangabad, it was agreed to revise the TTC/ATC w.r.t Tiroda generation. When Tiroda generation is less than 1800MW, Maharashtra can draw power from grid equivalent to reduction of generation at Tiroda .

Case A : If Tiroda generation is = or <1800MW, TTC =7000MW, TRM=300MW and ATC=6700MW

Case B: If Tiroda generation is above 2200MW, TTC =6600MW, TRM=300MW and ATC=6300MW.

Case C: If Tiroda generation is between 1800MW and 2200MW, TTC =6600MW+ (2200-Tiroda generation), TRM=300MW and ATC=6300MW+ (2200-Tiroda generation).

CE, SLDC Maharashtra stated that they have not agreed on TTC/ATC computation done by WRLDC. Member Secretary, WRPC suggested that WRLDC, SLDC Maharashtra & WRPC sit together for computation of TTC/ATC and resolve the matter amicably.

The Sub-Committee noted as above.

11. TESTING OF SPS ENVISAGED FOR SR-NEW GRID OPERATION

The matter has been deliberated in 464th, 465th, 466th, 467th and 468th OCC as well as PCM. In 28th TCC/WRPC, POWERGRID stated that signal was extended to all envisaged generator, accordingly mock trial of SPS was conducted on 1st December-14 and result was shared with the members in 466th OCC.

12. Status of telemetry in Western Region

	Telemetry not available	Telemetry Intermittent	Updated in 469th OCC
Maharashtra			
1	400kV Warora	Total 48 Stations 220kV data is intermittent	May-15
2	400kV Lonikhand(New)		
3	400kV Chandrapur StgII		
4	400kV Taptithanda		
5	400kV Khaparkheda		
6	400kV Deepnagar		
7	Further, 17 more stations where 220kV station data is not available		
Chhattisgarh			
1	36 Station of 132kV where Telemetry is not available	19 Station of 132kV where Telemetry is intermittent	Within 45 Days
GOA			
1	220kV Amona	220kV Tivim,	SCADA upgradation New RTU will be commissioned
2	220kV Cuncolim	220kV Ponda,	
		220kV Xeldam	
		110 kV Kadamba	
		110kV Verna	
DD and DNH			
1	220kV Magarwada.		Not Updated
2	220kV Kharadpara		
3	220kV Khadoli		

POWERGRID		
	Station Intermittent Telemetry	Updated Completion date in 469th OCC / Present Status
	Telemetry Status	
1	765kV Kotra	15-Mar-15
2	765kV Tamnar	15-Mar-15
3	400kV Navsari	31-Mar-15
4	765kV Dharamjaygarh	Apr-15
5	400kV Magarwara	Jun-15

PMU Data POWERGRID		
1	Satna PMU data at WRLDC	Mar-15
Alternate 2 nd Channel POWERGRID		
1	Aurangabad alternate 2 nd channel	31-Mar-15

IPP		
	Station Intermittent Telemetry	Updated Completion date in 469th OCC
1	JPL	Done
2	ESSAR Mahan	Modem Issue / March-15
Redundant Comm. Channel		
	Redundant Comm. Channel	Completion date in 469th OCC update
1	APL Tiroda	Not Updated
2	CGPL	Software Modification / Not Yet Done
3	SASAN UMPP	Not informed / Not Yet Done

13.ADMS(AUTOMATIC DEMAND MANAGEMENT SCHEME) IMPLEMENTATION AS PER SEC. 5.4.2 OF IEGC:

- a) Gujarat has submitted the updated status of ADMS implementation as on 31.01.2015. Project completion date is by 31st March,2015. Present status to be discussed
- b) Madhya Pradesh has submitted the updated status. Project completion 3rd / 4th Quarter of 2015. Present status to be discussed.
- c) Maharashtra has submitted the status. Project completion by 2nd Quarter of 2015. Present status to be discussed.

The sub-committee noted as above.

14. Non availability of Bus bar Protection at 400 kV Korba (West)

Representative from Chhattisgarh informed that it will complete by June 2015.

15.Lack of Bus bar protection for 220 kV Bus of Birsinghpur Thermal power station causing complete Blackout of 400 kV Birsinghpur Thermal station

MPPGCL has informed in 468th OCC that equipment order has been placed on 27th November to GE and expected date of commissioning is by June'15.

MPPGCL representative ensured that it will be commissioned by the June 2015.

16. Mock testing of SPS for 765 AGRA- GWALIOR ON 24TH DECEMBER-14

A mock testing of SPS for 765 kV Gwalior-Agra was proposed by NRPC on 24th December 2014. WRLDC had coordinated with NTPC and CGPL and informed KSTPS, VSTPS and CGPL to block the automatic backing down of generation during the mock drill to test the signal.

Test signal for loss of injection of 1500MW and above was sent at 14:15 Hrs as per NRPC. CGPL and NTPC have informed that no signal was received at their end for the generated signal.

The matter was discussed during 467th OCC and PGCIL was requested to investigate and rectify the problem. It was also decided that corrective action from PGCIL would be done in consultation with NRPC/NLDC.

PGCIL in consultation with NRPC shall inform new date of testing.

Member Secretary, WRPC stated that after consultation with NRPC date of mock-drill will be finalized.

The Sub-Committee may like to discuss.

ITEM NO. 10: ISSUES RAISED BY BDTCL

1. JTCL is requesting outage of Korba- Suhela- Bannari line since Nov-14 for crossing of 765 kV line and till date had not got outage. CS LD has agreed to give outage on 19 March 2015. Its repeated refusal by LD, Chhattisgarh due to requirement of backing down on CGPGCL units.

SE(O), WRPC stated that during outage proposal for March-2015 this would be taken care. Accordingly, comment have been inserted in remark column.

2. BDTCL has requested WRLDC to reduce switching operation of reactors at Bhopal and Dhule substation , considering system requirements.

GM, WRLDC stated that switching is done for all the reactors irrespective of ownership as per need in the grid.

3. BDTCL requested anti theft charging of 765 kV Dhule - Vadodara line from Dhule end. GM WRLDC was requested to have a discussion with CTU for resolving the issue.

ITEM NO. 11: DATE AND VENUE OF NEXT OCC MEETING

468th OCC reviewed the meeting roaster and finalized sheet is enclosed at Annexure-10. Accordingly it was proposed to host 470th OCC by NTPC Vindhyachal on 13th April, 2015 at suitable place. NTPC confirmed that the meeting will be planned at Luknow on 13.04.2015. It was also agreed by TPC to host 471st OCC meeting.

LIST OF PARTICIPANTS OF 469th OCC MEETING OF WRPC HELD ON 10.03.2015 AT WRPC,
NAGPUR

Sl.No.	Organisation, Name & Designation	E-mail
I	WRPC	
1	Shri S.D. Taksande, M.S.	ms-wrpc@nic.in
2	Shri M.M. Dhakate, S.E.(O)	opc-wrpc@nic.in
3	Shri L.K.S. Rathore, D.D.	lksr_2000@yahoo.com
II	MSETCL / MSEDCL/MahaGenco	
4	Shri Jayant Weekey, C.E.	jayantweekey@gmail.com
5	Shri S.S. Kale, S.E.	ldambazari@gmail.com
6	Shri D.J. Kolhe, E.E.	deepakkolhe@yahoo.com
III	MPPTCL / MPPGCL	
7	Shri P.A.R.Bende, C.E.	parbende@gmail.com
8	Shri P.K. Saxena, S.E.	segcc.mppgcl@gmail.com
9	Shri J. Agasti, E.E.	jwagasti@gmail.com
IV	CSPTCL / CSPGCL	
10	Shri W.R. Wankhede, C.E.	waman5723@gmail.com
11	Shri H.K. Deota, S.E.	hemanndeota@yahoo.com
V	GETCO / GSLDC/ GSECL	
12	Shri B.B. Mehta, C.E.	bbm@gebmil.com
13	Shri G.J. Mistry, J.E.	emisldc.getco@gebmil.com
VI	DD & DNH	
14	Shri M.R. Ingle, E.E.	eddaman@rediffmail.com
15	Shri H.C. Surma, A.E.	hcsurma@gmail.com
VII	GAO	
16	Shri Ravi Kumar Bhat, A.E.	bhatravikumar@yahoo.com
VIII	WRLDC / POWERGRID	
17	Shri P. Mukhopadhyay, G.M.	prithwish.mukhopadhyay@posoco.in
18	Shri M.C. Sahu, A.G.M.	sahu_mcs@rediffmail.com
19	Shri Abhinav Verma, D.G.M.	averma@powergridindia.com
20	Shri Kuleshwar Sahu, A.G.M.	kuleshwars@gmail.com
21	Smt. Sachala Mishra, A.G.M.	mishrasachala@gmail.com
22	Smt. Pushpa S., C.M.	pushpa_seshadri@hotmail.com
23	Shri Abhishek Kr. Gupta, Dy. Mgr.	abhishek_all@yahoo.com
24	Shri Anil D. Darode, Dy. Mgr.	anil.darode@powergridindia.com
25	Shri Nilesh B. Goudiya, J.E. (AM)	nilesh@powergridindia.com
IX	NTPC	
26	Shri P.B. Behere, G.M.	pbbehere@ntpc.co.in
27	Shri Malay Mukharjee, G.M.	malaymukharjee@ntpc.co.in
28	Shri S. Banrjee, A.G.M.	sbanrjee02@ntpc.co.in
29	Shri Tusar Bhattacharjee, A.G.M.	tusarbhattacharya@ntpc.co.in
30	Shri D.Roy Choudhary, A.G.M.	drc85@rediffmail.com
31	Shri S.K. Haldar, A.G.M.	skhaldar@ntpc.co.in
32	Shri A.K. Chandeliya, D.G.M.	akchandeliya@ntpc.co.in
X	TATA POWER	
33	Shri R.M. Sankhe, Head Opn.	rmsankhe@tatapower.com

34	Shri P.R. Gadave, A.G.M.	prgadave@tatapower.com
XI	APL	
35	Shri C.S. Bobade, G.M.	chandrashekhar.bobade@adani.com
36	Shri Akshay Mathur, G.M.	akshayv.mathur@adani.com
XII	RINFRA	
37	Shri Anil K. Singh, Sr. Ex. V.P.	anil.kum.singh@relianceada.com
38	Shri Mayank Gupta, D.G.M.	mayank.m.gupta@relianceada.com
39	Shri Sumit Rathi, Sr. Mgr.	sumit.rathi@relianceada.com
XIII	KSK Mahanadi	
40	Shri Ramakant Upadhyay, Dy. Mgr.	ramakant.u@ksk.co.in
XIV	NPCIL	
41	Shri Sanjeev Gadre, Op. Supdt.	sanjeevgadre1@gmail.com
42	Shri Neelesh S. Chinurkar, ASCE (Opn.)	neeleshc@npcil.co.in
XV	ESSAR	
43	Shri D.J. Saxena, Sr. Mgr.	dsaxena@essar.com
XVI	TORRENT POWER	
44	Shri M.H. Kshatriya, G.M.	mhkshatriya@torrentpower.com
45	Shri H.M. Parikh, A.G.M.	hinrenparikh@torrentpower.com
XVII	JPL	
46	Shri S.K. Garai, G.M.	sanjya.garai@jindalpower.com
XVIII	RKM PPL	
47	Shri C. Balasubramanian, S.M.	bala.c@rkmpowergen.in
48	Shri T. Rajesh Kumar, Mgr.	rajeshkumart4@gmail.com
XIX	GMR GROUP	
49	Shri Bharat Pinjarkar, A.G.M.	bharat-pinjarkar@gmrgroup.in
XX	STERLITE	
50	Shri Sanil C. Namboodiripad, Head (AM)	sanil.namboodiripad@sterlite.com
51	Shri Sachin Deshpande, G.M.	sachin.deshpande@sterlite.com
52	Shri S.G. Mohanty, Proj.Head	satyagopal.mohanty@sterlite.com
53	Shri Dilip Pradhan, Line Mgr.	dilip.pradhan@sterlite.com
54	Shri Nishant Acharya, Dy. Mgr.	nishant.acharya@sterlite.com
55	Shri Amit Sangamnerkar, A.M.	amit.sangamnerkar@sterlite.com
56	Shri Rajasekhar, Mgr.	rajasekhar.chilukuri@sterlite.com
57	Saswatha Dutta,	Shashwata.dutta@sterlite.com
58	Shri Mitul Thakkar, Mgr.	mitul.thakkar@sterlite.com
59	Shri Shailendra Bhavsar, A.M.	shailendra.bhavsar@sterlite.com
60	Shri Ishan Tiwari, A.M.	ishan.tiwari@sterlite.com
XXI	ACPL	
61	Shri E.D. Rajan, Sr. V.P.	rajan.ed@ath-chhattisgarh.in
62	Shri Abhinav.Yadav, A.M.	abhinav.y@ath-chhattisgarh.in
XXII	JSW	
63	Shri Durgesh Gupta, Asst. Mgr.	durgesh.gupta@jsw.in

माह फरवरी 2015 में आवृत्ति के आंकड़ों का विवरण
(पश्चिम क्षेत्र भार प्रेषण केन्द्र की आवृत्ति रिपोर्ट के आधार पर)
FREQUENCY PARTICULARS DURING FEBRUARY 2015
(AS PER FREQUENCY REPORT OF WRLDC)

1. INTEGRATED OVER AN-HOUR

एक घंटे में समाकलित

1.1 MAXIMUM FREQUENCY अधिकतम आवृत्ति	50.22	Hz. BETWEEN 1700 Hrs & 1800 Hrs Hrs. ON 15.02.2015
1.2 MINIMUM FREQUENCY न्यूनतम आवृत्ति	49.73	Hz. BETWEEN 0800 Hrs & 0900 Hrs Hrs. ON 17.02.2015
1.3 AVERAGE FREQUENCY औसत आवृत्ति	50.00 Hz.	

2. INSTANTANEOUS तात्कालिक

2.1 MAXIMUM FREQUENCY अधिकतम आवृत्ति	50.55	Hz. AT 08:02:00 Hrs. ON 17.02.2015
2.2 MINIMUM FREQUENCY न्यूनतम आवृत्ति	49.58	Hz. AT 07:38:00 hrs Hrs. ON 17.02.2015

3. %AGE OF TIME WHEN FREQUENCY WAS आवृत्ति का समय प्रतिशत में	FEBRUARY 2015	JANUARY 2015	DECEMBER 2014
3.1 BELOW 48.5 Hz. 48.5 हट्ज के नीचे	0.00	0.00	0.00
3.2 BETWEEN 48.5 Hz. AND 48.8 Hz. 48.5 हट्ज और 48.8 हट्ज के बीच	0.00	0.00	0.00
3.3 BETWEEN 48.8 Hz. AND 49.2 Hz. 48.8 हट्ज और 49.2 हट्ज के बीच	0.00	0.00	0.00
3.4 BETWEEN 49.2 Hz. AND 49.5 Hz. 49.2 हट्ज और 49.5 हट्ज के बीच	0.00	0.00	0.00
3.5 BETWEEN 49.5 Hz. AND 49.7 Hz. 49.5 हट्ज और 49.7 हट्ज के बीच	0.33	0.61	1.00
3.6 BETWEEN 49.7 Hz. AND 49.9 Hz. 49.7 हट्ज और 50.2 हट्ज के बीच	11.97	16.85	22.85
3.7 BETWEEN 49.9 Hz. AND 50.05 Hz. 49.9 हट्ज और 50.05 हट्ज के बीच	60.15	53.73	48.29
3.8 BETWEEN 50.05 Hz. AND 51.5 Hz. 50.05 हट्ज और 51.5 हट्ज के बीच	27.55	28.81	27.86
3.9 ABOVE 51.5 Hz. 51.5 हट्ज के ऊपर	0.00	0.00	0.00
4.1 NO. OF TIMES FREQUENCY TOUCHED 48.80 Hz. आवृत्ति 48.80 हट्ज को छूी	0	0	0
4.2 NO. OF TIMES FREQUENCY TOUCHED 48.60 Hz. आवृत्ति 48.60 हट्ज को छूी	0	0	0
4.3 NO. OF TIMES FREQUENCY TOUCHED 51.00 Hz. आवृत्ति 51.00 हट्ज को छूी	0	0	0

Voltage Profile during the month of Feb 2015

Date	Indore		Itarsi		Karad		Dhule		Asoj		Kasor		Bhilai		Jetpur	
	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv
1	420	398	413	390	438	410	434	391	422	406	420	407	419	404	410	392
2	419	396	416	389	438	413	432	393	420	404	420	407	419	404	409	391
3	420	398	416	393	438	414	429	395	420	404	420	406	421	407	407	393
4	421	401	415	397	439	409	428	390	418	401	420	405	417	404	410	394
5	420	399	417	394	438	410	429	393	419	400	418	406	419	403	408	394
6	420	400	416	395	438	412	431	396	418	400	419	405	419	406	408	393
7	421	400	416	397	440	410	431	396	420	401	419	407	419	407	409	395
8	424	402	419	397	438	413	433	398	419	404	417	407	419	408	410	393
9	423	401	419	396	439	408	429	393	420	403	419	408	420	405	410	396
10	421	400	416	396	439	407	434	392	419	402	420	406	419	405	408	395
11	421	401	416	397	436	406	430	400	420	402	419	407	419	407	410	397
12	417	398	414	395	437	407	425	396	419	402	419	405	418	408	408	393
13	415	396	415	399	437	408	429	400	417	402	419	405	417	407	414	403
14	417	398	414	394	437	408	429	400	417	403	419	406	417	407	408	396
15	417	396	415	391	437	410	430	396	419	403	422	408	417	405	407	392
16	417	398	414	393	437	410	435	390	419	403	418	407	418	405	410	393
17	419	401	43	395	438	409	433	397	419	407	419	408	418	407	408	394
18	416	397	413	390	434	408	426	391	419	402	418	407	416	404	410	395
19	416	399	414	394	437	406	427	390	416	398	418	406	416	404	407	391
20	419	397	416	394	432	405	432	395	414	401	417	407	416	403	407	395
21	416	398	413	394	431	404	429	393	416	397	415	405	416	403	407	395
22	419	398	416	396	439	409	430	398	416	402	419	409	418	408	409	396
23	413	399	411	396	437	403	425	391	413	399	417	407	417	405	409	395
24	417	397	416	396	433	400	427	383	414	400	420	405	418	405	412	395
25	415	394	412	391	435	401	428	386	415	398	420	407	417	406	412	398
26	416	401	413	396	435	403	433	393	416	400	420	409	417	406	411	396
27	417	399	414	393	437	405	430	393	418	401	420	410	418	406	410	396
28	420	403	417	397	438	403	435	395	417	402	420	407	421	406	411	396
	424	394	419	389	440	400	435	383	422	397	422	405	421	403	414	391

Date	Bina		Gwalior		Nagda		Khandwa		Sipat		seoni		Gwalior		Bina	
	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv	Max. Kv	Min. Kv
1	414	398	407	389	421	399	424	399	768	746	782	749	780	748	759	755
2	416	397	407	390	421	396	426	394	769	746	785	754	781	753	789	755
3	418	401	410	394	422	398	423	399	772	751	789	760	780	756	790	762
4	414	402	411	395	423	400	423	400	767	747	784	757	784	756	782	760
5	417	399	414	392	422	400	424	399	768	745	786	753	789	751	788	755
6	415	401	411	397	421	400	427	402	770	748	785	758	786	757	785	757
7	417	402	412	396	423	400	428	406	772	752	790	761	788	755	789	762
8	419	403	414	397	426	403	430	405	769	755	784	761	792	758	792	763
9	419	401	413	393	423	401	427	403	770	750	784	759	788	752	793	777
10	421	404	413	395	423	399	428	402	769	751	789	758	790	755	789	761
11	414	399	410	391	421	398	426	409	767	752	783	757	785	749	785	757
12	415	400	411	395	419	399	423	403	769	748	780	757	786	752	787	760
13	415	400	412	396	422	402	426	406	769	751	766	758	788	757	790	763
14	416	401	413	393	421	398	426	404	767	752	785	762	789	762	792	763
15	415	394	412	391	421	397	426	400	767	748	785	754	788	751	788	753
16	417	399	414	394	420	399	427	399	767	749	780	755	791	760	793	761
17	417	399	414	394	421	401	426	404	766	751	780	755	791	760	793	761
18	415	398	413	396	419	398	423	396	764	749	779	754	788	758	787	757
19	416	398	415	397	420	399	424	402	766	748	781	756	789	758	790	764
20	416	402	414	402	421	397	426	404	763	744	769	756	791	768	790	769
21	419	405	415	398	419	399	423	401	763	747	779	752	791	760	789	762
22	414	402	414	398	421	400	426	404	766	753	780	759	791	764	791	769
23	413	402	415	400	416	399	419	399	765	749	780	749	790	763	788	767
24	416	402	416	400	420	397	423	399	763	751	783	756	792	761	791	764
25	414	397	416	401	420	394	424	394	764	750	775	751	792	764	789	762
26	417	400	414	396	420	402	423	400	765	751	781	751	795	752	795	756
27	418	398	414	395	421	402	424	403	767	751	781	757	787	750	786	756
28	422	403	415	394	421	404	427	404	773	752	788	755	789	749	791	764
	422	394	416	389	426	394	430	394	773	744	790	749	795	748	795	753

ANNEX -2.4
Under Frequency Operation in various Constituent System of Western Region during the month FEBRUARY - 2015
(Compiled from the data received from the constituents)

Sl. No	Date	Gujarat		Chhattisgarh		Madhya Pradesh		Maharashtra	
		No. of Occasions	Max Load Relief at 49.2 Hz	No. of Occasions	Max Load Relief at 49.2 Hz	No. of Occasions	Max Load Relief at 49.2 Hz	No. of Occasions	Max Load Relief at 49.2 Hz
1	01-Feb-15	0	0	0	0	0	0	0	0
2	02-Feb-15	0	0	0	0	0	0	0	0
3	03-Feb-15	0	0	0	0	0	0	0	0
4	04-Feb-15	0	0	0	0	0	0	0	0
5	05-Feb-15	0	0	0	0	0	0	0	0
6	06-Feb-15	0	0	0	0	0	0	0	0
7	07-Feb-15	0	0	0	0	0	0	0	0
8	08-Feb-15	0	0	0	0	0	0	0	0
9	09-Feb-15	0	0	0	0	0	0	0	0
10	10-Feb-15	0	0	0	0	0	0	0	0
11	11-Feb-15	0	0	0	0	0	0	0	0
12	12-Feb-15	0	0	0	0	0	0	0	0
13	13-Feb-15	0	0	0	0	0	0	0	0
14	14-Feb-15	0	0	0	0	0	0	0	0
15	15-Feb-15	0	0	0	0	0	0	0	0
16	16-Feb-15	0	0	0	0	0	0		0
17	17-Feb-15	0	0	NIL		NIL		NIL	0
18	18-Feb-15	0	0	0	0	0	0	0	0
19	19-Feb-15	0	0	0	0	0	0	0	0
20	20-Feb-15	0	0	0	0	0	0	0	0
21	21-Feb-15	0	0	0	0	0	0	0	0
22	22-Feb-15	0	0	0	0	0	0	0	0
23	23-Feb-15	0	0	0	0	0	0	0	0
24	24-Feb-15	0	0	0	0	0	0	0	0
25	25-Feb-15	0	0	0	0	0	0	0	0
26	26-Feb-15	0	0	0	0	0	0	0	0
27	27-Feb-15	0	0	0	0	0	0	0	0
28	28-Feb-15	0	0	0	0	0	0	0	0
Recommended Load relief at 49.2 Hz / 49.0/48.8/48.6 Hz			1025		91		490		851

ANNEXURE 2.5

Power Cut/Restrictions in Western Region for the month of February-2015

क : गुजरात Gujarat

1 उद्योगों के लिये विद्युत कटौतियां

1 Power Cut/ Restriction on Industries

- All industries are allowed to run their units on all days of week & if they want to avail staggered holiday, then they will have to staggered on notified day only & cannot avail as per their choice.
- All industries are required to keep their recess timings staggered.

2 कृषि व ग्रामीण क्षेत्रों को विद्युत आपूर्ति

2. Power supply to Agricultural & Rural Sectors

- Only 8 Hrs. Power supply in staggered form in rotation of day & night is given to Ag. Single Phase supply during rest of 16 Hrs by providing LSTC.
- Jyotigram Yojana 24 hrs.

3 अन्य जानकारी

3. Any other information: NIL.

ख : मध्य प्रदेश Madhya Pradesh

1 उद्योगों के लिये विद्युत कटौतियां / पाबंदियां , राज्य में भार नियमन आदि

1 Power Cut/ Restriction on Industries, Load Shedding in the state etc

विवरण Details	विद्युत कटौती की मात्रा Quantum of power cut (MW)	पाबन्दी का समय Restriction Timing		प्रति दिन कुल ऊर्जा कटौती Total Energy Cut (MUs /day)
		से From	तक To	
(a) Power Restrictions(Evening peak Hour) on non continuous process HT/LT Industries	शून्य Nil	शून्य Nil	शून्य Nil	शून्य Nil
(b) भार नियमन Load Shedding	शून्य Nil	शून्य Nil	शून्य Nil	शून्य Nil
(c) अन्य जानकारी Other information				
1.Weekly Off	शून्य Nil	शून्य Nil	शून्य Nil	शून्य Nil
2.Staggering of power supply	शून्य Nil	शून्य Nil	शून्य Nil	शून्य Nil

2 कृषि क्षेत्र को विद्युत आपूर्ति

2. Power supply to Agricultural Sector: -

विवरण Details	से From दिनांक Date	तक To दिनांक Date	प्रति दिन आपूर्ति घंटे Supply Hours per day		
			Max. (Hrs)	Min. (Hrs)	Average (Hrs)
2.1 Three-Phase Supply(DLF)	01.02.2015	28.02.2015	23:43	22:49	23:23
2.1 Three-Phase Supply(Irrigation)	01.02.2015	28.02.2015	10:03	9:36	9:52
2.1 Three-Phase Supply(Mixed)	01.02.2015	28.02.2015	23:35	22:34	23:14

3 अन्य जानकारी

3. Any other information

शहरी क्षेत्रों में नियमन विद्युत कटौतियां Scheduled Power cuts in Urban Areas

विवरण Details	से From दिनांक Date	तक To दिनांक Date	ओसत प्रतिदिन आपूर्ति घंटे	Average Supply Hours per day	
			Max. (Hrs)	Min. (Hrs)	Average (Hrs)
3.1 Commissioner H. Qtrs.	01.02.2015	28.02.2015	23:53	23:37	23:47
3.2 District Head Qtrs.	01.02.2015	28.02.2015	23:57	23:34	23:49
3.3 Tehsil Head Qtrs.	01.02.2015	28.02.2015	23:53	23:17	23:40

ग : महाराष्ट्र Maharashtra

1 उद्योगों के लिये विद्युत कटौतियां / पाबंदियां , राज्य में भार नियमन आदि

1. Power Cut/ Restriction on Industries, Load Shedding in the state etc

विवरण Details	विद्युत कटौती की मात्रा Quantum of power cut (MW)	पाबन्दी का समय Restriction Timing		प्रति दिन कुल ऊर्जा कटौती Total Energy Cut (MUs /day)
		From	To	
(a) Power Cuts/Restriction on HT/ LT Industries	शून्य Nil	शून्य Nil	शून्य Nil	शून्य Nil
(b) Load Shedding From 01.02.15 to 28.02.15	@ 0-1079 MW	00.00	24.00	@ 6.0 MUs/day
(c) Any other information 1. Weekly Off 2. Staggering of power supply Industrial Staggering LS withdrawn from 03/02/2012	शून्य Nil	शून्य Nil	शून्य Nil	शून्य Nil

2 कृषि क्षेत्र को विद्युत आपूर्ति

2. Power supply to Agricultural Sector

विवरण Details	से From दिनांक Date	तक To दिनांक Date	प्रति दिन आपूर्ति घंटे Supply Hours per day		
			Max. (Hrs)	Min. (Hrs)	Average (Hrs)
2.1 Three-Phase Supply	01.02.2015	28.02.2015	10:00	08:00	09:00
2.2 Single-Phase Supply	01.02.2015	28.02.2015	18:00	18:00	18:00

3 अन्य जानकारी Any other information:

There is no load shedding on industrial feeders in Maharashtra

घ : छत्तीसगढ़ Chhattisgarh:

1 उद्योगों के लिये विद्युत कटौतियां / पाबंदियां , राज्य में भार नियमन आदि

1 Power Cut/ Restriction on Industries, Load Shedding in the state etc

विवरण Details	विद्युत कटौती की मात्रा Quantum of power cut (MW)	पाबन्दी का समय Restriction Time		प्रति दिन कुल ऊर्जा कटौती Total Energy Cut (MUs /day)
		से From	तक To	
(A) Scheduled				
(a) (i) Power Cuts/ Restriction on HT Industries	00.00(Av)	-	-	-
(ii) Power Cuts/Restriction on LT Industries	00.00(Av)	-	-	-
(iii) Power Cuts/Restriction on Rural	00.00 (Av)	-	-	-
(iv) Agriculture pump*	00.00 (Av)	00.00	00.00	0.00
(v) Urban/ Sub-Urban	00.00(Av)	-	-	-
(iv) Town feeders(C-1to C-6)	00.00 (Av)	-	-	-
(B) Un-Scheduled				
(a) Load Shedding	1.Rural 99.24(Av) For 15.92 Hrs. 2.Town Feeders (C-1to C-6 & X) : 0.00(Av)	-	-	0.054
			-	-
	3. HT Industries 40.70 (Av) For 10.17 Hrs.			0.014
Total Energy Cut/day				0.068
(b) Any other information 1.Weekly Off/staggering of power supply	1day (In a week as per consumer's option) 50MW(Av.)	-	-	0.039

2 कृषि क्षेत्र को विद्युत आपूर्ति

2. Power supply to Agricultural Sector

विवरण Details	से From दिनांक Date	तक To दिनांक Date	प्रति दिन आपूर्ति घंटे Supply Hours per day		
			Max. (Hrs)	Min. (Hrs)	Average (Hrs)
2.1 Three-Phase Supply	01.02.2015 to 28.02.2015, 6.00 Hrs (Power cut)		18.00		
2.2 Single-Phase Supply	-	-	-	-	-
2.3 Remarks/Note/	-	-	-	-	-

3 अन्य जानकारी / Any other information: शून्य Nil

च : गोवा Goa: शून्य Nil

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(पावरग्रिड की एक पूर्ण स्वामित्व वाली कंपनी)

पश्चिम क्षेत्रीय भार प्रेषण केन्द्र, मुम्बई

Power System Operation Corporation Ltd.

(A wholly owned subsidiary company of POWERGRID)

Western Regional Load Despatch Centre, Mumbai

अनिवार्य युनिट आऊटेज का फरवरी 2015 का विस्तारित ब्यौरा

Details of forced unit outages during the month of Feb.2015

[illegible]

19.	UTPS-6	GSECL	500	20:46	12-Feb-15	6:45	24-Feb-15	ESP problem
20.	GPEC-1	GSECL	218	12:46	16-Feb-15	Still out	Still out	RSD
21.	GPEC-2	GSECL	218	19:52	16-Feb-15	NA	20-Feb-15	RSD
22.	GPEC-3	GSECL	218	20:00	16-Feb-15	NA	21-Feb-15	RSD
23.	GPEC-2	GSECL	218	19:56	20-Feb-15	Still out	Still out	RSD
24.	GPEC-3	GSECL	218	20:10	21-Feb-15	Still out	Still out	RSD
25.	DGBP-2	GEB	112	20:25	21-Feb-15	6:36	26-Feb-15	RSD
26.	ESSAR-2	GSECL	172	12:12	22-Feb-13	Still out	Still out	Shortage of gas
27.	SLPP-4	GEB	125	13:30	23-Feb-15	14:59	26-Feb-15	BTL
28.	STPS-1	GEB	120	13:30	26-Feb-15	Still out	Still out	RSD
29.	WTPS-5	GEB	210	22:24	27-Feb-15	Still out	Still out	RSD
30.	DGBP-2	GEB	112	20:14	28-Feb-15	Still out	Still out	RSD
31.	EPGL -1	ESSAR POWER	600	12:01	1-Feb-15	19:01	6-Feb-15	Coal mill problem
32.	EPGL-2	GEB	600	23:58	21-Feb-15	7:08	3-Mar-15	ID FAN PROBLEM
33.	APL-1	APL	330	19:00	29-Dec-14	18:50	17-Feb-15	Coal shortage
34.	APL-2	APL	330	17:32	9-Feb-15	Still out	Still out	Turbine vibration
35.	APL-6	GEB	660	09:03	14-Feb-15	Still out	Still out	Control valve problem
36.	APL-4	GEB	330	10:44	23-Feb-15	S/O	S/O	HYDROGEN LEAKAGE
37.	Koradi-5	MAHAGENCO	200	10:30	17-Jun-14	Still out	Still out	ID fan problem
38.	चंद्रपुर C'PUR-1	MAHAGENCO	210	7:15	28-Aug-14	Still out	Still out	BTL
39.	BHUSAWAL-2	MAHAGENCO	210	12:43	13-Sep-14	Still out	Still out	Flame failure/economy shutdown
40.	WPCL-1	MAHAGENCO	135	0:43	30-Oct-14	Still out	Still out	ESP belt damage
41.	NASIK-3	MSEB	210	0:00	2-Feb-15	2:10	5-Feb-15	Valve problem
42.	URAN-8	MAHAGENCO	108	19:45	2-Feb-15	11:24	22-Feb-15	Gas shortage
43.	JAIGAD I	MSEB	300	14:30	3-Feb-15	Still out	Still out	Generator trip
44.	JAIGAD-3	MSEB	300	21:27	3-Feb-15	Still out	Still out	Unavailability of load
45.	B'WAL-5	MSEB	500	13:57	7-Feb-15	5:06	17-Feb-15	Clinker formation

46.	URAN-5	MSEB	108	10:04	9-Feb-15	21:27	13-Feb-15	Gas shortage
47.	URAN-7	MSEB	108	23:27	11-Feb-15	17:37	15-Feb-15	Gas shortage
48.	C'PUR-2	MSEB	210	4:14	14-Feb-15	2:31	18-Feb-15	Instrumentation air pressure low
49.	C'PUR-5	MAHAGENCO	500	11:36	22-Feb-15	18:44	25-Feb-15	Condenser parameter problem
50.	C'PUR-4	MSEB	210	23:15	25-Feb-15	8:52	1-Mar-15	BTL
51.	C'PUR-5	MSEB	500	21:39	26-Feb-15	S/O	S/O	BTL
52.	URAN-8	MSEB	108	13:32	25-Feb-15	S/O	S/O	GAS SHORTAGE
53.	INDIABULLS(A)-1	Ratan India Pvt Ltd.	270	21:55	27-Jan-15	Still out	Still out	Coal shortage
54.	WPCL-4	IPP	135	22:27	25-Jan-15	18:48	21-Feb-15	ID fan problem
55.	WPCL-3	IPP	135	0:23	21-Feb-15	Still out	Still out	ID fan problem
56.	DAHANU-2	RELIANCE ENERGY	250	1:55	4-Jan-15	05:41	11-Feb-15	Stator earth fault
57.	SASAN-2	REL	660	12:42	4-Feb-15	13:30	11-Feb-15	Ash handling problem
58.	SASAN-4	REL	660	19:55	6-Feb-15	12:17	12-Feb-15	Air preheater problem
59.	SASAN -3	RELIANCE	660	21:10	19-Feb-15	3:00	25-Feb-15	HP heater problem
60.	APML-4	ADANI POWER	660	3:26	4-Jan-15	09:38	6-Feb-15	Valve leakages
61.	APML-3	ADANI POWER	660	11:42	6-Feb-15	Still out	Still out	GT bushing replacement
62.	APML - 5	MSEB	660	10:08	26-Feb-15	S/O	S/O	Feed water pump problem
63.	TATA-6	MSEB	500	21:50	17-Feb-15	Still out	Still out	Economy S/D
64.	TATA-7A	MSEB	120	20:51	11-Dec-14	17:58	27-Feb-15	Gas path inspection/ready@10:00 hrs/15-12-14
65.	RGPPL-1B	RGPPL	320	23:00	31-Mar-14	Still out	Still out	Dry preservation
66.	RGPPL-3A	RGPPL	320	18:57	17-Apr-14	Ready	Ready	Less requisition
67.	RGPPL-1A	RGPPL	320	13:30	8-Jul-14	Ready	Ready	Less requisition
68.	RGPPL-2A	RGPPL	332	12:00	21-Jul-14	Still out	Still out	CW pump problem
69.	RGPPL-2B	RGPPL	332	13:30	1-Sep-14	Still out	Still out	Less requisition
70.	Amarkantak-4	MPGCL	120	11:13	30-Apr-14	Still out	Still out	Electrical fault
71.	SATPURA-7	MPGCL	210	22:00	6-Dec-14	NA	20-Feb-15	Critical coal shortage/AOH
72.	SSTPS-1	MPGCL	600	11:30	1-Jan-15	18:09	11-Feb-15	Less requisition
73.	AMARKANTAK-3	MPGC	120	0:25	12-Jan-15	Still out	Still out	Fire caught in turbine floor
74.	SATPURA-11	MPGCL	250	22:00	20-Jan-15	1:21	25-Feb-15	Generator inspection
75.	SSTPS-2	MPGCL	600	13:44	21-Jan-15	20:04	25-Feb-15	Arcing in GT- Y-Phase bushing
76.	SGTPS-1	MPSEB	210	0:01	26-Feb-15	Still out	Still out	RSD

77.	KORBA(W)-4	CSEB	210	10:47	13-Feb-15	22:00	17-Feb-15	S/D availed for oil filtration of GT
78.	DSPM-1	CSEB	250	17:57	24-Feb-15	Still out	Still out	Auxiliary supply problem
79.	CGPL-2	CGPL	830	0:10	14-Feb-15	13:38	19-Feb-15	BTL
80.	DGEN - 51	DGEN	400	12:05	13-Jan-15	Still out	Still out	No schedule
81.	DGEN -52	DGEN	400	12:05	15-Jan-15	Still out	Still out	No schedule
82.	DGEN -53	DGEN	400	11:59	23-Jan-15	Still out	Still out	No schedule
83.	JPL STG-I- 4	JPL	250	0:30	3-Feb-15	23:16	19-Feb-15	AOH
84.	JPL STG-II-2	JPL	600	0:18	7-Feb-15	10:12	13-Feb-15	Ash evacuation problem
85.	JPL STAGE-II -1	JPL	600	17:03	14-Feb-15	Still out	Still out	Ash evacuation problem
86.	JP NIGRI-1	JAYPEE	660	0:00	16-Feb-15	17:39	20-Feb-15	BTL
87.	JP NIGRI-2	JP-NIGRI	660	14:20	24-Feb-15	Still out	Still out	ESP WORKS
88.	VANDANA -1	VANDANA	135	15:00	9-Jan-15	Still out	Still out	BTL
89.	DHARIWAL-2	DHARIWAL	300	0:00	22-Dec-14	Still out	Still out	No schedule
90.	Lanco-2	LANCO AMARKANTAK	300	12:20	21-Aug-13	Still out	Still out	Coal shortage
91.	EMCO-I	EMCO	300	2:46	23-Jan-15	Still out	Still out	Over hauling
92.	DBPOWER-1	DBPOWER	600	9:53	24-Aug-14	Still out	Still out	BTL
93.	KSK MAHANADI-4	KSK MAHANADI	600	16:50	26-Aug-14	10:39	14-Feb-15	Testing and maintenance
94.	KMPCL-3	KSK MAHANADI	600	7:39	16-Feb-15	Still out	Still out	Turbine control valve problem
95.	KWPCL-1	KWPCL	600	7:39	16-Feb-15	13:00	21-Feb-15	Equipment protection
96.	MOUDA - II	NTPC	500	0:00	24-Nov-14	Still out	Still out	Low schedule
97.	KAWAS-2B	NTPC	164	11:09	1-Jan-15	12:26	3-Mar-15	Less requisition
98.	KAWAS-2A	NTPC	164	21:07	13-Jan-15	Still out	Still out	Less requisition
99.	GANDHAR-3	NTPC	219	19:05	21-Jan-15	5:29	25-Feb-15	Less requisition
100.	GANDHAR-1	NTPC	219	18:00	24-Jan-15	17:42	16-Feb-15	Less requisition
101.	MOUDA-1	NTPC	500	21:37	24-Jan-15	5:27	23-Feb-15	Less requisition
102.	GANDHAR-2	NTPC	219	17:59	25-Jan-15	9:28	16-Feb-15	Less requisition
103.	KAWAS-1A	NTPC	164	0:14	26-Jan-15	6:50	10-Feb-15	Less requisition
104.	VSTPS-4	NTPC	210	1:07	3-Feb-15	19:21	8-Feb-15	GT buchholz relay operated
105.	KAWAS-1A	NTPC	164	16:57	10-Feb-15	14:24	16-Feb-15	Less requisition
106.	GANDHAR-1	NTPC	219	20:05	16-Feb-15	6:17	22-Feb-15	Less requisition
107.	GANDHAR-3	NTPC	219	10:30	25-Feb-15	Still out	Still out	Less requisition
108.	MOUDA-1	NTPC	500	20:45	26-Feb-15	Still out	Still out	Less requisition
109.	KAWAS-1B	NTPC	164	20:04	27-Feb-15	Still out	Still out	Less requisition
110.	GANDHAR-1	NTPC	219	19:57	28-Feb-15	Still out	Still out	Less requisition

Note: Units out for more than 72 hrs are only included.

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(पावरग्रिड की एक पूर्ण स्वामित्व वाली कंपनी)

पश्चिम क्षेत्रिय भार प्रेषण केन्द्र, मुम्बई

Power System Operation Corporation Ltd.

(A wholly owned subsidiary company of POWERGRID)

Western Regional Load Despatch Centre, Mumbai

नियोजित युनिट आउटेज का फरवरी 2015 का विस्तारित ब्यौरा

Details of planned unit outages during the month of Feb. 2015

क्रमांक Sl.No	युनिट Unit	Constituent/IPP	क्ष. Cap.MW	From समय दिनांक		From समय दिनांक		Reason
				Time	Date	Time	Date	
1.	WTPS-1	GEB	210	0:00	22-Dec-15	6:03	27-Feb-15	AOH
2.	UTPS-5	GSECL	210	0:11	22-Jan-15		9.3.2015	AOH
3.	DGBP-1	GEB	107	0:00	16-Feb-15		03.03.2015	AOH
4.	B'WAL-3	MAHAGENCO	210	8:01	20-Jan-15	01:28	26-Feb-15	AOH
5.	PARLI-3	MAHAGENCO	210	23:51	13-Feb-13	Still out	Still out	Water supply problem
6.	SGTPS-5	MPSEB	500	23:43	23-Feb-15	Still out	Still out	AOH
7.	TATA-5	TATA	500	20:30	3-Jan-15	17:27	14-Feb-15	AOH
8.	KORBA(W) - 3	CSPGCL	210	23:50	10-Jan-15	11:00	10-Feb-15	AOH
9.	TAPS - 1	NPC	160	22:39	12-Oct-14	Still out	Still out	Refueling works
10.	JPL STG-I- 4	JPL	250	0:30	3-Feb-15	Still out	Still out	AOH
11.	JPL-2	JPL	250	0:19	25-Feb-15	Still out	Still out	AOH
12.	EMCO-I	EMCO	300	2:46	23-Jan-15	NA	20-Feb-15	AOH
13.	GANDHAR-2	NTPC	219	0:00	24-Feb-15	Still out	Still out	R & M WORK

Annexure- 3.1

DETAILS OF MAINTENANCE PROGRAM OF GENERATING UNITS PROPOSED DURING MARCH 2015 AND APRIL 2015

S. No.	Unit	No.	Capacity	Outage as per Annual Maintenance Plan		Reason
			(MW)	से From	तक To	
1	GUVNL					
1.1	GTPS	4	210	14.03.2015	03.04.2015	AOH
1.2	WTPS	6	210	29.03.2015	07.05.2015	COH
1.3	KLTPS	2	70	01.04.2015	30.04.2015	AOH
1.4	KLTPS	1	70	27.04.2015	26.05.2015	AOH
2	MPPGCL					
			NIL			
3	CSPGCL					
	Korba (W)-I	1	210	14-Mar-15	29-Mar-15	AOH
4	MSPGCL					
			NIL			
5	Central Sector					
5.1	KORBA	6	500	15.03.15	15.05.15	Boiler,HPT module Replacement, R & M of ESP
5.2	V CHAL	2	200	01.04.15	20.04.15	AOH
5.3	SIPAT	1	600	20.03.15	20.05.15	Turbine,Boiler & Generator Overhauling
5.4	SASAN	4	660	12.03.15	28.03.15	BOILER MAINTENANCE
5.5	SASAN	5	660	08.03.15	21.03.15	BOILER MAINTENANCE
5.6	KAPS	1	220	04.04.15	30.04.15	BINNIAL SHUTDOWN
5.7	CGPL	30	800	20.03.15	31.03.15	AOH
5.8	CGPL	50	800	01.04.15	18.01.15	AOH
5.9	CGPL	40	800	19/4/2015	30-04-2015	UT repair work

Outage Planning of Transmission elements during the Duration 16.03.2015 to 19.04.2015

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
1	765	1500MVA-ICT-3 Main bay (718) at SEONI	16-Mar-15	9:00	18-Mar-15	18:00	Daily	AMP works.	WRTS-I	WRTS-I	APPROVED
2	220	220 KV ANOOPUR - KOTMIKALA CKT - II	16-Mar-15	10.00	16-Mar-15	17.00	daily	Maintenance Work	MPPTCL	MPPTCL	APPROVED
3	220	220 KV PITHAMPUR - RAJGARH PG CKT - II	16-Mar-15	9.00	16-Mar-15	16.00	daily	Maintenance Work	MPPTCL	MPPTCL	APPROVED
4	400	315MVA XMER - I AT400 KV S/S BINA	16-Mar-15	9.00	17-Mar-15	17.00	daily	Maintenance Work	MPPTCL	MPPTCL	APPROVED
5	400	400 KV D/C KORBA WEST KHE DAMERA LILO FOR MODWA PPP	16-Mar-15	8:00	17-Mar-15	18:00	Continuous	Crossing of 765 KV D/C Dharamjaygarh-Jabalpur Line(AP54B-AP55)	CSPDCL	JTCL	APPROVED
6	765	Bay 704 (Indore - Bina, Main Bay) at Indore	16-Mar-15	9:00	16-Mar-15	18:00	Daily	AMP WORKS	POWERGR	WR-II	APPROVED
7	765	Bay No 709 (Main Bay of Autotransformer # 3) at Kotra P/S	16-Mar-15	8:00	17-Mar-15	18:00	Daily	For AMP Work	WRTS-I	POWERGR ID	APPROVED
8	400	Bay No. C03 - SUGEN UNOSUGEN LINE	16/Mar/15	9:00	22/Mar/15	18:00	Continuous	INTERNAL INSPECTION OF GIS BAY BY EXPERTS	TPL-SUG	TPL-SUGEN	
9	400	Bhilai-1 Main bay (415) at BHADRAWATI	16-Mar-15	9:00	17-Mar-15	18:00	Conti.	Replacement of CT'S at Bhadrawati	WRTS-I	WRTS-I	APPROVED
10	400	Bus Reactor # 2 (Main & Tie Bay) at Jabalpur Pooling Station	16-Mar-15	09:00	17-Mar-15	18:00	Cont.	Installation & Commissioning of CSD Relay * depending on weather condition	POWERGR	WR-II	APPROVED
11	400	ICT # 1 Bay (01) at Raipur S/S	16-Mar-15	9:00	13-Mar-15	18:00	Daily	For AMP Work	WRTS-I	POWERGR ID	APPROVED
12	220	Khandwa-Nepanagar	16-Mar-15	10:00	16-Mar-15	18:00	Daily	For NTAMC work at Khandwa S/S.	MPPTCL	WR-II	APPROVED
13	400	Main Bay of 400kV GMR-I at Durg PS	16-Mar-15	9:00	16-Mar-15	18:00	Daily	For AMP	WRTS-I	POWERGR ID	APPROVED
14	765/400	MAIN BUS-I PGCIL BUNSIA S/S	16-Mar-15	6:00	18-Mar-15	18:00	Daily	PHYSICAL CONNECTIVITY OF ACPL TO GRID DROPPER PGCIL	PGCIL	ACPL	C
15	400	New Koyna-Dabhol ckt 1	16-Mar-15	8.30	25-Mar-15	17.30	Daily	Cold line insulator cleaning	MSETCL	MSETCL	APPROVED
16	400	Pole 2 Main bay (10C03c)at HVDC APL	16-Mar-15	9:00	16-Mar-15	18:00	Daily	CB time testing in 400kV side	APL	WR-II	APPROVED
17	765	Raichur-1 Tie Bay (717) at Solapur	16-Mar-15	9:00	16-Mar-15	18:00	Daily	AMP works.	WRTS-I	WRTS-I	APPROVED
18	400	RAIPUR-WARDHA II	16-Mar-15	9:00	17-Mar-15	18:00	Daily	To attend clearance between earth wire & conductor.	WRTS-I	WRTS-I	R
19	765	Ranchi Line Reactor (716LR) at Bilaspur S/S	16-Mar-15	9:00	17-Mar-15	18:00	Daily	For attending leakages	WRTS-I	POWERGR ID	APPROVED
20	765	Seoni # 2 (701) Main bay at WARDHA	16-Mar-15	9:00	16-Mar-15	18:00	Daily	AMP work	WRTS-I	WRTS-I	APPROVED

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
21	400/132	Sipat 400KV IBT-1 MAIN BAY-13	16-Mar-15	7:30	21-Mar-15	19:00	Contino us	All burnt control cable replacement(IBT-1 TRANSFORMER S/D NOT REQUIRED)	NTPC	NTPC	APPROVED
22	400	SOLAPUR-KOLHAPUR I	16-Mar-15	9:00	16-Mar-15	18:00	Daily	AMP Works	WRTMPL	WRTS-I	APPROVED
23	220	TAPS-Vapi	16-Mar-15	8:00	18-Mar-15	19:00	Daily	Annual maintenance of equipments & painting	GETCO	NPCIL	APPROVED
24	220	220 KV DAMOH PGCIL I/C - I	17-Mar-15	9.00	17-Mar-15	18.00	daily	Maintenance Work	MPPTCL	MPPTCL	APPROVED
25	400	400 KV D/C Damoh - Bhopal.	17-Mar-15	8:00	18-Mar-15	18:00	Continu ous	Crossing of 765 KV S/C Jabalpur-Bina Line(AP54-AP55)	PGCIL	JTCL	APPROVED
26	400	400KV DCDS Raipur-Raigarh CKT 1&2 , Location : 112(DA+3) & 113(DA+0)	17-Mar-15	8:00	17-Mar-15	17:00	Daily	Construction of 400KV Raita-Jagdalspur Line. Location : AP 10/0 (FD-60+30) & AP 11/0 (FD-60+30)	CSPTCL	CSPTCL	APPROVED
27	400	400kV Dehgam-Nagda#2	17-Mar-15	10:00	17-Mar-15	17:00	Daily	Site Acceptance Test (SAT) work of NTAMC	POWER GRID	WR-II	APPROVED
28	400	Bus Coupler (06) at Raipur S/S	17-Mar-15	8:00	17-Mar-15	18:00	Daily	For AMP Work	WRTS-I	POWERGR ID	APPROVED
29	765	ICT-2 Main Bay (706) at Solapur	17-Mar-15	9:00	17-Mar-15	18:00	Daily	AMP works.	WRTS-I	WRTS-I	APPROVED
30	220	Khandwa-Omkareshwer	17-Mar-15	10:00	17-Mar-15	18:00	Daily	For NTAMC work at Khandwa S/S.	MPPTCL	WR-II	APPROVED
31	220	Khanpur- Dehgam (PG)-1	17-Mar-15	8:00	17-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	APPROVED
32	400	Pole 2 tie bay (10C03A)at HVDC APL	17-Mar-15	9:00	17-Mar-15	18:00	Daily	CB time testing in 400kV side	APL	WR-II	APPROVED
33	765	SATNA - GWL#1 Line	17-Mar-15	9:00	18-Mar-15	18:00	Cont.	For CSD commissining for Line Reactor at Gwalior	POWERG	WR-II	APPROVED
34	765	Seoni # 2 (702) Tie bay at WARDHA	17-Mar-15	9:00	17-Mar-15	18:00	Daily	AMP work	WRTS-I	WRTS-I	APPROVED
35	400	SOLAPUR-KOLHAPUR II	17-Mar-15	9:00	17-Mar-15	18:00	Daily	AMP Works	WRTMPL	WRTS-I	APPROVED
36	220	TARAPUR - BOISAR	17-Mar-15	8:00	18-Mar-15	17:00	Daily	MAINTENANCE WORK	PGCIL	NPCIL	APPROVED
37	400	Tie Bay of 400kV GMR-I at Durg PS	17-Mar-15	9:00	17-Mar-15	18:00	Daily	For AMP	WRTS-I	POWERGR ID	APPROVED
38	400	315MVA XMER - I I AT400 KV S/S BINA	18-Mar-15	9.00	19-Mar-15	17.00	daily	Maintenance Work	MPPTCL	MPPTCL	APPROVED
39	400	400 kv Birsinghpur - Katni Ckt - II	18-Mar-15	9.00	18-Mar-15	18.00	daily	Maintenance Work	MPPTCL	MPPTCL	APPROVED
40	400	400 KV S/S BHOPL - 400 KV ITARSI - I	18-Mar-15	9.00	18-Mar-15	17.00	daily	Maintenance Work	MPPTCL	MPPTCL	APPROVED
41	765	Bay 706 (765/400 KV ICT#2, Main Bay) AT INDORE	18-Mar-15	9:00	18-Mar-15	18:00	Daily	AMP WORKS	POWERG	WR-II	APPROVED
42	765	Bay No 707 (Main Bay of 765 kV Kotra - Tamnar Ckt# 1) at Kotra P/S	18-Mar-15	8:00	19-Mar-15	18:00	Daily	AMP	WRTS-I	POWERGR ID	APPROVED
43	765	Bus Reactor # 1 (Main & Tie Bay) at Jabalpur Pooling Station	18-Mar-15	09:00	19-Mar-15	18:00	Cont.	Installation & Commissioning of CSD Relay	POWERG	WR-II	APPROVED
44	220	220kv bay Doma # 1 Bay at Raipur S/S (Single Bay)	18-Mar-15	8:00	18-Mar-15	18:00	Daily	For AMP Work	WRTS-I	POWERGR ID	APPROVED

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
45	765	ICT#3 at Bilaspur S/S	18-Mar-15	8:00	19-Mar-15	18:00	Daily	For AMP work	WRTS-I	POWERGR ID	APPROVED
46	220	Khandwa-Chhegaon-2	18-Mar-15	10:00	18-Mar-15	18:00	Daily	For NTAMC work at Khandwa S/S.	MPPTCL	WR-II	APPROVED
47	400	Korba Transfer bus coupler (TBC)	18-Mar-15	08:30 hrs	10-Apr-15	17:30 H	Continuo	400KV Breaker & CT replacement	NTPC	NTPC	
48	400	Main Bay of 400kV GMR-II at Durg PS	18-Mar-15	9:00	18-Mar-15	18:00	Daily	For AMP	WRTS-I	POWERGR ID	APPROVED
49	765	Raichur-2 Main Bay (713) at Solapur	18-Mar-15	9:00	18-Mar-15	18:00	Daily	CT oil Sampling.	WRTS-I	WRTS-I	APPROVED
50	400	Raipur-1 Main bay (410) at BHADRAWATI	18-Mar-15	9:00	19-Mar-15	18:00	Conti.	Replacement of CT'S at Bhadrawati	WRTS-I	WRTS-I	APPROVED
51	400	Navasari - Vapi (Magarwada Ckt.1)	19-Mar-15	8:00	20-Mar-15	18:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	POWERGR	WR-II	APPROVED
52	400	(i) Korba(NTPC)-Bhilai -1 &2	19-Mar-15	8:00	20-Mar-15	18:00	Continu ous	For construction of 765KV D/C Dharamjaygarh (Korba)-Jabalpur Transmission Line (Part-I)	WRTS-I	POWERGR ID	APPROVED
53	400	400 kv Damoh - Katni - Ckt	19-Mar-15	9.00	19-Mar-15	18.00	daily	Maintenance Work	MPPTCL	MPPTCL	APPROVED
54	400	400 KV S/S BHOPL - 400 KV ITARSI - I I	19-Mar-15	9.00	19-Mar-15	17.00	daily	Maintenance Work	MPPTCL	MPPTCL	APPROVED
55	765	765 kv line Durg PS - Champa-Dharamjaygarh	19-Mar-15	8:00	20-Mar-15	18:00	Continu ous	Crossing of 765 KV D/C Dharamjaygarh-Jabalpur Line(AP3-AP4)	PGCIL	JTCL	APPROVED
56	220	DCDS Korba - Suhela TL	19-Mar-15	5:00	19-Mar-15	17:00	Daily	For overhead crossing of 800 kV HVDC Champa-Kurukshetra TL	CSPTCL	POWERGR ID	APPROVED
57	220	DCDS Korba - Banari TL	19-Mar-15	5:00	19-Mar-15	17:00	Daily	For overhead crossing of 800 kV HVDC Champa-Kurukshetra TL	CSPTCL	POWERGR ID	APPROVED
58	220	220kv Doma # 2 Bay (12) at Raipur S/S	19-Mar-15	8:00	16-Mar-15	18:00	Daily	For AMP Work	WRTS-I	POWERGR ID	APPROVED
59	765	ICT#1, Main Bay at indore	19-Mar-15	9:00	19-Mar-15	18:00	Daily	AMP WORKS	POWERGR	WR-II	APPROVED
60	400	Karad-Lonikand	19-Mar-15	9.00	19-Mar-15	17.00	Daily	Annual Maintenance work.	MSETCL	MSETCL	APPROVED
61	220	Khandwa-Chhegaon-1	19-Mar-15	10:00	19-Mar-15	18:00	Daily	For NTAMC work at Khandwa S/S.	MPPTCL	WR-II	APPROVED
62	765/400	MAIN BUS-II PGCIL BUNSIA S/S	19-Mar-15	6:00	21-Mar-15	18:00	Daily	PHYSICAL CONNECTIVITY OF ACPL TO GRID DROPPER PGCIL	PGCIL	ACPL	C
63	400	Padgha-Talegaon	19-Mar-15	9.00	19-Mar-15	17.00	Daily	C & tan Delta testing of CT	MSETCL	MSETCL	APPROVED
64	400	Parli(MS)- Parli PG-2	19-Mar-15	9.00	19-Mar-15	17.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay	MSETCL	MSETCL	APPROVED
65	765	Seoni-Wardha-I Main bay (721) at SEONI	19-Mar-15	9:00	20-Mar-15	18:00	Daily	AMP works.	WRTS-I	WRTS-I	APPROVED

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
66	220	TAPS-Boisar	19-Mar-15	8:00	20-Mar-15	19:00	Daily	Annual maintenance of equipments & painting	MSETCL	NPCIL	APPROVED
67	400	Tie Bay of 400kV GMR-I at Durg PS	19-Mar-15	9:00	19-Mar-15	18:00	Daily	For AMP	WRTS-I	POWERGR ID	APPROVED
68	400	Bhachau-Ranchodpura-1&2	20-Mar-15	08:00	20-Mar-15	18:00	Daily	Crossing of 400 KV D/C Essar - Bhachau Line	POWERG	WR-II	APPROVED
69	765	BUS 2 at Solapur SS	20-Mar-15	9:00	21-Mar-15	18:00	Daily	AMP and Precommissioning works	WRTS-I	WRTS-I	R
70	220	Indore - Pithampur	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
71	220	Khandwa - Chhegaon	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
72	400	Vapi - Kala	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
73	400	315MVA XMER - III AT400 KV S/S BINA	20/Mar/15	9:00	21/Mar/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
74	400	315MVA ICT # 1 at 400kV Jabalpur SS	20-Mar-15	9:00	20-Mar-15	17:00	Daily	220kV Bushing Oil sample collection for DGA	PGCIL	WR-II	R
75	400k V	400 KV Bus 1 at Akola II substation	20/Mar/15	7:00	20/Mar/15	18:00	Daily	Checking Primary stability of busbar protection with existing bay & new bay	MEGPTC	MEGPTCL	C
76	400	400 KV S/S BHOPAL - 400 KV BINA - I	20/Mar/15	9:00	20/Mar/15	17:00	daily	MAINTENANCE WORK ON FEEDER BAYS AT 400KV S/S END	MPPTCL	MPPTCL	R
77	400	400 kv SEONI - BHILAI - CKT	20/Mar/15	9:00	20/Mar/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
78	400	400kV DCDS Korba(W)- Khedamara Line ckt 2.	20-Mar-15	10:00	20-Mar-15	17:00	Daily	Stringing work in between existing location AP69/0 & LILO lines TO MarwaTPP location No. AP1/0	CSPTCL	CSPTCL	C
79	400	500 MVA ICT 3 at Boisar	20-Mar-15	9:00	20-Mar-15	17:00	Daily	For Post commissioning checks	PGCIL	WR-II	C
80	400	63MVAR Bus Reactor at Dehgam ss	20-Mar-15	9:00	20-Mar-15	18:00	Daily	For AMP work	PGCIL	WR-II	R
81	765	765KV S/C Sipat-Bilaspur Ckt-1&2	20-Mar-15	8:00	5-Apr-15	19:00	Continuo	Auto-reclosure to be kept in OFF mode in both end substations for hotline Crossing of 765 KV D/C Dharamjaygarh-Jabalpur T/L at AP51-AP53	PGCIL/ NTPC	JTCL	C
82	220	Amona Main Bay (CB 352) at Mapusa	20-Mar-15	9:00	20-Mar-15	18:00	Daily	AMP Works	WRTS-I	WRTS-I	R
83	400	Anuppur-Jabalpur# 1&2	20-Mar-15	9:00	22-Mar-15	17:00	Continuo	Crossing work of 765kV Dharamjaigarh-Jabalpur Line Part-II between loc 39/2 & 3	PGCIL	WR-II	C
84	400	Asoj - SSP # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C

SN	KV	Line	From	Time	To		Basis	Reason	System	Agency	type
			Date		Date	Time					
85	400	Aurangabad-Pune # 1	20-Mar-15	9:00	20-Mar-15	18:00	Daily	Attending problem of TBC isolator at MSETCL Waluj S/S.	WRTMP L / MSETCL	WRTS-I	C
86	220	Barwatha - Chhegaon	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
87	400	Bhachau - Mundra # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
88	400	Bhachau - Ranchodpura # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
89	400	Bhadrawati - Dhariwal - Parli & Bhadrawati- Parli ckt 1	20-Mar-15	9:00	19-Apr-15	18:00	Daily	Online OPGW/additional eathing work. A/R to be kept in Non auto mode	WRTS-I	WRTS-I	C
90	400	Bhilai -Bhadrawati & Raipur - Bhadrawati I	20-Mar-15	8:00	25-Mar-15	18:00	Continuous	Shifting of Loc.No.638 for VIDC works. Both CKTs are required out of service during the period.	WRTS-I	WRTS-I	C
91	765	Bina - Gwalior # 2	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
92	765	BINA#1 LINE REACTOR at SATNA	20-Mar-15	9:00	20-Mar-15	13:00	Daily	FOR COLLECTING BUSHING OIL SAMPLE	PGCIL	WR-II	R
93	220	Boisar (PG) Boisar (MSETCL) Line 2	20-Mar-15	13:00	20-Mar-15	18:00	Daily	for Attending Hot Spot and TBC Jumper extension	MSETCL	WR-II	R
94	220	Bus # 1 at Itarsi	20-Mar-15	9:00	20-Mar-15	14:00	Daily	Annual Maintenance of Main BUS-01 with Bus CVT and Bus Isolators	PGCIL	WR-II	R
95	765	Bus # 2 at Jabalpur Pooling Station	20-Mar-15	9:00	20-Mar-15	18:00	Daily	Erection/Alignment of Isolators for Commissioning of 765KV Dharmjaygarh # 3 Bays	PGCIL	WR-II	C
96	220	BUS 2 at Boisar(PG)	20-Mar-15	8:00	20-Mar-15	17:00	Daily	Jumper extension Work	PGCIL	WR-II	C
97	765	Bus reactor at Shikrapur (Pune(GIS))	20-Mar-15	10:00	20-Mar-15	14:00	Daily	For CSD commissioning works at Shikrapur(PUNE GIS)	WRTS-I	WRTS-I	R
98	765	BUS Reactor Bank of Tamnar PS	20/Mar/15	10:00	24/Mar/15	18:00	Continuous	Erection and commissioning works of Spare Reactor along with auxiliary bus	WRTS-I	PGCIL	C
99	220	Bus-I at Dehgam	20-Mar-15	10:00	20-Mar-15	17:00	Daily	For NTAMC work at Dehgam	PGCIL	WR-II	C
100	400	BUS-II at Parli PG SS	20-Mar-15	9:00	20-Mar-15	17:00	Daily	AMP Works of BUS	WRTS-I	WRTS-I	R
101	220	Damoh - Damoh	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
102	220	Dastan - Navsari	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
103	400	DCDS Korba(W)- Khedamara Line ckt 2.	20/Mar/15	10:00	20/Mar/15	17:00	Daily	Stringing work in between existing location AP69/0 & LILO lines TO MarwaTPP location No. AP1/0	CSPTCL	CSPTCL	
104	400	Dehgam - Pirana Ckt. 1&2	20-Mar-15	7:00	19-Apr-15	18:00	Daily	PID testing of insulator strings. A/R shall be kept In non auto mode for both circuits.	PGCIL	WR-II	R
105	400	Dehgam - Ranchhodpura # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
106	220	Gandhar - Haldarwa # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
107	400	Gwalior - Agra Ckt-I	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
108	400	ICT # 1 at Raipur SS	20/Mar/15	9:00	21/Mar/15	17:00	Continuo	For Repacement of 400 KV R - Ph Bushing	WRTS-I	PGCIL	
109	765	ICT-1 at Bhopal	20-Mar-15	10:00	20-Mar-15	11:00	Continuo	Change over Y-ph from spare bank	BDTCL	BDTCL	C
110	400	Indore - Asoj Ckt 2	20-Mar-15	7:00	19-Apr-15	18:00	Daily	PID testing of insulator strings. A/R shall be kept In non auto mode for both circuits. Replacement of defective insulator strings thorough Hot Line Maintenance.	PGCIL	WR-II	R
111	220	Indore - Barwatha	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
112	765	Indore Bina Line with line Reactor at Indore	20-Mar-15	9:00	20-Mar-15	18:00	Daily	To Integrate Spare Reactor Unit	PGCIL	WR-II	C
113	400	Itarsi - Khandwa # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
114	400	Jabalpur-Jabalpur Pool# 1	20-Mar-15	9:00	20-Mar-15	17:00	Daily	Maintenance	PGCIL	WR-II	C
115	220	Kawas - Dastan	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
116	220	Kawas - Haldarwa	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
117	400	Khandwa - Dhule # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
118	400	Khandwa - Rajgarh # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
119	400	KOLHAPUR-MAPUSA I & II	20-Mar-15	9:00	19-Apr-15	18:00	Daily	Online OPGW/additional eathing work. A/R to be kept in Non auto mode	WRTS-I	WRTS-I	C
120	400	Koradi-Nandgaonpeth	20-Mar-15	8.00	20-Mar-15	17.00	Daily	Disc string replacement,fixing of spacers,dampers,earthbond	MSETCL	MSETCL	
121	765	Line Reactor of 765 kV Kotra - Durg Ckt # 1.	20/Mar/15	8:00	21/Mar/15	18:00	Continuo	Replacement of WTI, AMP of 718R CB.	WRTS-I	PGCIL	C
122	400	Nagda - Dehgam Ckt. 1&2	20-Mar-15	7:00	19-Apr-15	18:00	Daily	PID testing of insulator strings. A/R shall be kept In non auto mode for both circuits.	PGCIL	WR-II	R
123	400	Nagda -Dehgam Line Reactor#1 at Nagda	20-Mar-15	10:00	20-Mar-15	18:00	Daily	For AMP Work.Line will be charged immediately after taking out Line reactor out of service	PGCIL	WR-II	R
124	220	Navasari - Vav # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
125	400	Parli- Chandrapur II Ckt-1	20-Mar-15	9.00	28-Mar-15	17.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay, Replacement of broken spacer cum vibration damper	MSETCL	MSETCL	
126	400kV	Raipur- KSK- 3&4	20/Mar/15	9.00	5/Apr/15	18.00	Daily	A/R non auto mode for Additional Earthing work on lines.	WRTS-I	PGCIL	C
127	765	Satna - Bina # 1	20-Mar-15	9:00	21-Mar-15	18:00	Daily	For erection of 400 kV jack bus of NHPTL test lab, falling under the 765 kV Satna-I Line	PGCIL	WR-II	C
128	400	Satna - Bina Ckt. 1&2	20-Mar-15	7:00	19-Apr-15	18:00	Daily	PID testing of insulator strings. A/R shall be kept In non auto mode for both circuits.	PGCIL	WR-II	R
129	765	Satna - Gwalior Ckt-I	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
130	220	Satna (PG) - Satna (MP)# 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
131	400	Sequential outage of Switchyard Breakers at JPL - stage - II	20-Mar-15	8:00	19-Apr-15	18:00	Daily	Sequential outage, one breaker at a time for replacement of 400kV Defective CB interrupter [Power Flow will not be affected]	JPL	JPL	
132	400	Shujalpur - Nagda # 2	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
133	765	Sipat- Bilaspur CKT- I	20/Mar/15	08:00	19/Apr/15	1800	DAILY	Non Auto Mode of TL for OPGW stringing work on ckt I	WRTS-I	PGCIL	C
134	400kV	Sipat-Raipur-3	20/Mar/15	9.00	5/Apr/15	18.00	Daily	A/R non auto mode for Additional Earthing work on lines.	WRTS-I	PGCIL	C
135	400	SSP - Raigarh # 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
136	400	Vadinar-Hadala- 1	20-Mar-15	8:00	20-Mar-15	18:00	Daily	Tan Delta Testing of CT's & CVT's And Bay Waterwashing Work	GETCO	GETCO	
137	400	Vindhyachal (NTPC) - Sasan (Reliance)	20-Mar-15	7:00	19-Apr-15	18:00	Daily	Online replacement of E/W with OPGW. A/R shall be kept in non auto mode	PGCIL	WR-II	C
138	400	Indore - Asoj Ckt 1	20-Mar-15	7:00	19-Apr-15	18:00	Daily	PID testing of insulator strings. A/R shall be kept In non auto mode for both circuits.	POWERGR	WR-II	R
139	400	Aurangabad-Akola I	21-Mar-15	9.00	21-Mar-15	17.00	Daily	Dignostic Testing of reactor, CB, CT & relay	MSETCL	MSETCL	
140	400	BUS 1 at Khandwa ss.	21-Mar-15	9:30	21-Mar-15	17:30	Daily	For AMP work	PGCIL	WR-II	R
141	765	BUS#2 at Bilaspur S/s	21/Mar/15	9:00	22/Mar/15	18:00	DAILY	For AMP work	WRTS-I	PGCIL	R
142	400	125 MVAR Bus Reactor-II at Shujalpur	21-Mar-15	10:00	21-Mar-15	18:00	Daily	For NTAMC work at Shujalpur	PGCIL	WR-II	C
143	400	400 KV BUS-I at Raigarh	21/Mar/15	9:00	21/Mar/15	18:00	Daily	AMP	WRTS-I	PGCIL	R
144	400kV	400 KV Bus 2 at Akola II substation	21/Mar/15	7:00	21/Mar/15	18:00	Daily	Checking Primary stability of busbar protection with existing bay & new bay	MEGPTC	MEGPTCL	C
145	400	400KV Kolhapur - Mapusa Line -1	21-Mar-15	10:00	25-Mar-15	18:00	Daily	Insulator replacement works	WRTS-I	WRTS-I	R
146	400	Aurangabad-Pune # 2	21-Mar-15	9:00	21-Mar-15	18:00	Daily	Attending problem of TBC isolator at MSETCL Waluj S/S.	WRTMPL / MSETCL	WRTS-I	C
147	765	BINA#2 LINE REACTOR AT SATNA	21-Mar-15	9:00	21-Mar-15	13:00	Daily	FOR COLLECTING BUSHING OIL SAMPLE	PGCIL	WR-II	R
148	400	Bus # 2 at Jabalpur Pooling Station	21-Mar-15	9:00	21-Mar-15	18:00	Daily	Erection/Jumper with Isolators for 400KV Bay No.: 413 of Jhabua Power Bays	PGCIL	WR-II	C
149	400	BUS 2 at Boisar	21-Mar-15	9:00	21-Mar-15	17:00	Daily	For commissioning of Tie Bay (402 Bay)	PGCIL	WR-II	C
150	400	Dhule-Khandwa Ckt.II	21-Mar-15	9.00	21-Mar-15	17.00	Daily	Bay Maintenance work	MSETCL	MSETCL	
151	765	Gwalior-Satna-1	21-Mar-15	10:00	22-Mar-15	18:00	Daily	rectification work	PGCIL	WR-II	
152	765	ICT # 1 at Jabalpur Pooling Station	21-Mar-15	9:00	21-Mar-15	18:00	Daily	ICT Spare Phase Swaping with ICT # 1 R Phase	PGCIL	WR-II	C
153	400	ICT # 2 MAIN (407) at Solapur SS	21-Mar-15	9:00	21-Mar-15	18:00	Daily	AMP Work	WRTS-I	WRTS-I	R
154	220	ICT -III Main Bay (CB 952) at Mapusa	21-Mar-15	9:00	21-Mar-15	18:00	Daily	AMP Works	WRTS-I	WRTS-I	R
155	400	Jabalpur-Jabalpur Pool# 2	21-Mar-15	9:00	21-Mar-15	17:00	Daily	Rectification work of balance constructional defect of line.	PGCIL	WR-II	

SN	KV	Line	From	Time	To	Time	Basis	Reason	System	Agency	type
			Date		Date						
156	765	Solapur switchable line reactor at Shikrapur	21-Mar-15	10:00	21-Mar-15	14:00	Daily	For CSD commissioning works at Shikrapur(PUNE GIS)	WRTS-I	WRTS-I	R
157	400	Station Reserve Transformer - I, 400 /33 KV, 100 MVA.	21-Mar-15	9:00	21-Mar-15	17:00	Daily	Relay/Protection Testing/ Transformer maintenance.	JPL	JPL	
158	220	220kv Boisar Bus-1	21-Mar-15	8:00	22-Mar-15	18:00	conti	isolator mntnce	MSETCL	MSETCL	
159	400	400kV Bus-I and ICT-3 at Navsari 400kV GIS	21-Mar-15	8:00	21-Mar-15	20:00	Daily	For measuring Bus length for Bay extension	POWERGR	WR-II	C
160	400	Navsari-Magarwada-2	22-Mar-15	8:00	23-Mar-15	18:00	Daily	To facilitate insulator repalcement in 400kV Navsari - Vapi (Magarwada Ckt.2) in multi circuit towers due to low electrical clearance	POWERGR	WR-II	APPROVED
161	400	400kV Dehgam-Sami#1	22-Mar-15	10:00	22-Mar-15	17:00	Daily	Site Acceptance Test (SAT) work of NTAMC	APL	WR-II	APPROVED
162	400	BUS-1 at DAMOH S/S	22-Mar-15	9:00	22-Mar-15	13:00	Daily	For NTAMC work at Damoh	PGCIL	WR-II	C
163	400	BUS-2 at DAMOH S/S	22-Mar-15	14:00	22-Mar-15	18:00	Daily	For NTAMC work at Damoh	PGCIL	WR-II	C
164	400	BUS 2 at Khandwa ss.	22-Mar-15	9:30	22-Mar-15	17:30	Daily	For AMP work	PGCIL	WR-II	R
165	400	Bhachau Varsana Ckt # 1	22-Mar-15	10:00	22-Mar-15	12:00	Daily	For TBC Scheme Testing at Versana (GETCO)	PGCIL	WR-II	C
166	400	Bhachau Varsana Ckt # 2	22-Mar-15	13:00	22-Mar-15	15:00	Daily	For TBC Scheme Testing at Versana (GETCO)	PGCIL	WR-II	C
167	400	Bhilai -Bhadrawati & Raipur - Bhadrawati I	22-Mar-15	8:00	19-Apr-15	18:00	Daily	Online PID TEST Auto reclose shall be kept in Non auto mode for both CKT's	WRTS-I	WRTS-I	R
168	400	Gandhar - Navsari Ckt.1	29-Mar-15	7:00	29-Mar-15	19:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	PGCIL	WR-II	C
169	765	ICT-1 at Shikrapur	22-Mar-15	10:00	22-Mar-15	16:00	Daily	For Fire Fighting commissioning works at Shikrapur(PUNE GIS)	WRTS-I	WRTS-I	R
170	765	Jabalpur-III LR (Charged as Bus Reactor) at Bina	22-Mar-15	9:00	26-Mar-15	18:00	Continues	For erection & commissioning of Fire fighting system.	PGCIL	WR-II	C
171	765	WARDHA - AURANGABAD(PG) I & II D/C line	22-Mar-15	9:00	26-Mar-15	18:00	Conti.	For construction ,crossing & swapping work of up-coming new 765kV WARDHA - AURANGABAD(PG) 3 & 4 _D/C line.	WRTS-I	WRTS-I	C
172	765	WARDHA - AURANGABAD(PG) I	22-Mar-15	9:00	23-Mar-15	18:00	Daily	Commissioning of Spare Reactor unit & DGA of bushing oil at Aurangabad and NGR Replacement	WRTS-I	WRTS-I	C
173	765	ICT-1 at AURANGABAD(PG)	22-Mar-15	9:00	24-Mar-15	18:00	Conti.	Commossioning of RTCC, Spare ICT unit & DGA of bushing oil.	WRTS-I	WRTS-I	C
174	400	Aurangabad(PG)-Aurangabad(MSETCL) # I	22-Mar-15	9:00	23-Mar-15	18:00	Conti.	Replacement of CTs and jumpers	WRTS-I	WRTS-I	C
175	220	BUS-1 at DAMOH S/S	23-Mar-15	9:00	23-Mar-15	13:00	Daily	For NTAMC work at Damoh	PGCIL	WR-II	C
176	220	BUS-2 at DAMOH S/S	23-Mar-15	14:00	23-Mar-15	18:00	Daily	For NTAMC work at Damoh	PGCIL	WR-II	C
177	400	Raipur- Korba # 3 with LR	23/Mar/15	10:00	23/Mar/15	17:00	Daily	For taking LR Bushing Oil Sample & NTAMC RTU works	WRTS-I	PGCIL	R

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
178	220	220 KV DAMOH PG - TIKAMGARH CKT	23/Mar/15	9:00	23/Mar/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
179	400	400 KV Raigarh BUS-II	23/Mar/15	9:00	23/Mar/15	18:00	Daily	AMP	WRTS-I	PGCIL	R
180	400	400 KV S/S BHOPAL - 400 KV BINA-II	23/Mar/15	9:00	23/Mar/15	17:00	daily	MAINTENANCE WORK ON FEEDER BAYS AT 400KV S/S END	MPPTCL	MPPTCL	R
181	400	400 kv SEONI - SARNI - CKT	23/Mar/15	9:00	23/Mar/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
182	400	63 MVAR Bus Reactor-I at Shujalpur	23-Mar-15	10:00	23-Mar-15	18:00	Daily	For NTAMC work at Shujalpur	PGCIL	WR-II	C
183	765	711 (AGRA-2 -BINA -1 TIE) at Gwalior	23-Mar-15	10:00	23-Mar-15	18:00	Daily	AMP WORKS	PGCIL	WR-II	R
184	765	765 KV S/C Durg PS Champa-Korba & 765 KV S/C Bilaspur-Korba	23/Mar/15	8.00	25/Mar/15	18.00	Continued	Dismantling work of existing tower of old 765 KV S/C Sipat-ranchi constructed by L&T for making LILO arrangement	WRTS-I	PGCIL	C
185	400	Bay No. C04 - UNOSUGEN PIRANA LINE	23/Mar/15	9:00	29/Mar/15	18:00	Continued	INTERNAL INSPECTION OF GIS BAY BY EXPERTS	TPL-SUG	TPL-SUGEN	
186	765	Bina # 2 Main bay /818 /at 765kV Pooling Stn .Jabalpur	23-Mar-15	9:00	23-Mar-15	17:00	Daily	AMP of Circuit breaker	PGCIL	WR-II	R
187	400	Bus-II at Dehgam	23-Mar-15	10:00	23-Mar-15	17:00	Daily	For NTAMC work at Dehgam	PGCIL	WR-II	C
188	400	Gandhar - Navsari Ckt.2	28-Mar-15	7:00	28-Mar-15	19:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	PGCIL	WR-II	C
189	765	Gwalior-II Tie Bay at Bina	23-Mar-15	9:00	27-Mar-15	18:00	Continues	For erection of bay equipments for extesion work of 01 no. main Bay for NHPTL	PGCIL	WR-II	C
190	HVDC	HVDC POLE-1 at Bhadrawati	23-Mar-15	9:00	24-Mar-15	18:00	Daily	Yearly AMP	WRTS-I	WRTS-I	R
191	400	ICT 3 at Talegaon(PG)	23-Mar-15	9:00	23-Mar-15	13:00	Daily	AMP Works	WRTS-I	WRTS-I	R
192	220	KOLHAPUR BUS REACTOR (80 MVAR)	23-Mar-15	9:00	23-Mar-15	18:00	Daily	AMP Works	WRTS-I	WRTS-I	R
193	400	Korba Balco Line	23-Mar-15	08:30 hrs	24-Mar-15	17:30 H	Continued	Bay equipment & Reactor testing	NTPC	NTPC	
194	765	Main Bay of Kotra - Durg Ckt # 1 at Korba	23/Mar/15	8:00	24/Mar/15	22:00	Daily	AMP	WRTS-I	PGCIL	C
195	400	Parli #1 Main 413 at Solapur SS	23-Mar-15	9:00	23-Mar-15	18:00	Daily	AMP Work	WRTS-I	WRTS-I	R
196	765	SASAN-1 LINE REACTOR SATNA	23-Mar-15	9:00	23.03.2015	13:00	Daily	FOR COLLECTING BUSHING OIL SAMPLE (Line will be out for 15 minutes to isolate reactor and charged without line reacator at Satna)	PGCIL	WR-II	R
197	400	Sasan-Vindhyachal CKT-2	23-Mar-15	9:00	24-Mar-15	18:00	Cont.	For Stringing works of 765 KV S/C Sasan-Vindhyachal PS line.	PGCIL	NR-I	C
198	765	Seoni#2-Sipat#1 Tie Bay(708) at Bilaspur S/s	23/Mar/15	9:00	24/Mar/15	18:00	DAILY	For AMP work	WRTS-I	PGCIL	R
199	400	SSNL-Dhule-1	23-Mar-15	8:00	25-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
200	400	Station Reserve Transformer - II, 400 /33 KV, 100 MVA.	23-Mar-15	9:00	23-Mar-15	17:00	Daily	Relay/Protection Testing/ Transformer maintenance.	JPL	JPL	

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
201	220	TAPS-Boisar	23/Mar/15	8:00	23/Mar/15	19:00	Daily	Annual maintenance of equipments & painting	MSETCL	NPCIL	
202	400	Badrawati-Ramagundam-1	23-Mar-15	8:00	23-Mar-15	18:00	Daily	Yearly AMP of terminal equipments	WRTS-I	WRTS-I	R
203	400	BBLR-Aurangabad	24-Mar-15	9.00	24-Mar-15	17.00	Daily	Bay Maintenance work	MSETCL	MSETCL	
204	220	Bus # 2 at Itarsi	24-Mar-15	9:00	24-Mar-15	14:00	Daily	Annual Maintenance of Main BUS-02 with Bus CVT and Bus Isolators	PGCIL	WR-II	R
205	220	BUS 1 at Khandwa ss.	24-Mar-15	9:30	24-Mar-15	17:30	Daily	For AMP work	PGCIL	WR-II	R
206	400	Raigarh I.C.T. # 2	24/Mar/15	10:00	24/03/2014	14:00	Daily	AMP	WRTS-I	PGCIL	R
207	400k V	10C02A Main Bay of AC Filter 3 at Mundra HVDC terminal	24/Mar/15	9:00	24/Mar/15	18:00	Daily	For Circuit breaker testing	ATIL	ATIL	R
208	400	125 MVAR Bus Reactor -II at Khandwa	24-Mar-15	9:30	24-Mar-15	17:30	Daily	For AMP work	PGCIL	WR-II	R
209	220	220 KV MALANPUR - GWL(PG) CKT - I	24/Mar/15	9:00	24/Mar/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
210	400	400 kv RAJGARH (PGCIL)-SSPCKT I	24/Mar/15	6:00	24/Mar/15	18:00	daily	MAINTENANCE WORK	PGCIL/M PPTCL	WR - II	R
211	400	400 KV S/C Korba-Bhilai-2	24-Mar-15	8:00	25-Mar-15	18:00	Continuo	Crossing of 765 KV D/C Dharamjaygarh-Jabalpur T/L at AP57-AP58	PGCIL	JTCL	C
212	400	400KV Raipur-Tamnar Line-1	24-Mar-15	9:00	24-Mar-15	19:00	Daily	For replacemnet of Line reactor B phase bushing at PGCIL, Raipur.	JPL	PGCIL	
213	400	407 Bay Parli 2 Main bay at Talegaon(PG)	24-Mar-15	9:00	24-Mar-15	13:00	Daily	AMP Works	WRTS-I	WRTS-I	R
214	765	718(BINA-3 MAIN) at Gwalior	24-Mar-15	10:00	24-Mar-15	18:00	DAILY	AMP WORKS	PGCIL	WR-II	R
215	765	Aurangabad-1 switchable line reactor at Wardha	24-Mar-15	10:00	24-Mar-15	13:00	Daily	For DGA of bushing oil in consultaion with ABB sweeden representative.	WRTS-I	WRTS-I	R
216	765	Aurangabad-2 switchable line reactor at Wardha	24-Mar-15	14:00	24-Mar-15	16:00	Daily	For DGA of bushing oil in consultaion with ABB sweeden representative.	WRTS-I	WRTS-I	R
217	765	Bilaspur-Sipat-II	24/Mar/15	08:00	25/Mar/15	1800	DAILY	Fixing of open qurd Spacer Damper	WRTS-I	PGCIL	M
218	765	BUS REACTOR AT SATNA	24-Mar-15	9:00	24-Mar-15	13:00	Daily	FOR COLLECTING BUSHING OIL SAMPLE (for 1-PH)	PGCIL	WR-II	R
219	220	Bus-II at Dehgam	24-Mar-15	10:00	24-Mar-15	17:00	Daily	For NTAMC work at Dehgam	PGCIL	WR-II	C
220	400	Parli #1 and Kolhapur#1 Tie Bay (414) at Solapur SS	24-Mar-15	9:00	24-Mar-15	18:00	DAILY	AMP Work	WRTS-I	WRTS-I	R
221	400	Pirana-Asoj line #I	24-Mar-15	10:00	24-Mar-15	16:00	Daily	For NTAMC work at Pirana	PGCIL	WR-II	C
222	400	Raipur # 1 Main Bay at Khedamara S	24/Mar/15	9:00	24/Mar/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL	
223	220	Rajgarh-Bhopawar Ckt #1	24-Mar-15	9:30	24-Mar-15	12:30	Daily	Annual Maintenance of Line CT, CVT, LA, WT and Isolator	MPPTCL	WR-II	C
224	765	Satna - Bina# 1 Switchable Reactor	24-Mar-15	9:00	24-Mar-15	17:00	Daily	AMP of Circuit breaker	PGCIL	WR-II	R
225	220	Shujalpur-Rajgarh Ckt-II	24-Mar-15	10:00	24-Mar-15	14:00	Daily	For NTAMC work at Shujalpur	MPPTCL	WR-II	C
226	765/400KV	Sipat 765KV/400KV ICT-1 TRANSFORMER S/D	24-Mar-15	7:30	27-Mar-15	19:00	Contino us	All burnt control cable replacement	NTPC	NTPC	

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
227	400	SSP-ASOJ	24-Mar-15	8:30	24-Mar-15	17:00	DAILY	Protection Audit/Maintenance work	SSP	NCA	
228	220	TAPS1 &2-TAPS 3&4 tie line	24/Mar/15	8:00	24/Mar/15	19:00	Daily	Annual maintenance of equipments & painting	MSETCL	NPCIL	
229	400	AURANGABAD(PG)-AURANGABAD(MSETCL)- II	24-Mar-15	9:00	26-Mar-15	18:00	Conti.	Replacement of HCB Isolator, CTs and jumpers	WRTS-I	WRTS-I	C
230	400	Gandhar - Navsari Ckt.2	25-Mar-15	8:00	25-Mar-15	18:00	Daily	To facilitate insulator repalcement in 400kV - Navsari - Magarwada Ckt.1 in multi circuit towers due to low electrical clearance	POWERGR	WR-II	APPROVED
231	400	Gandhar -Navsari Ckt.2	25-Mar-15	7:00	25-Mar-15	19:00	Daily	To facilitate insulator repalcement in 400kV - Navsari - Magarwada Ckt.1 in multi circuit towers due to low electrical clearance	PGCIL	WR-II	C
232	400	412 Bay -Solapur-2 main bay at Parli	25-Mar-15	9:00	25-Mar-15	17:00	Daily	AMP Works	WRTS-I	WRTS-I	R
233	400	SEL - Raigarh - 2	25-Mar-15	8:00	25-Mar-15	17:00	Daily	Stringing works of 765KV S/C Angul-Jharsuguda Transmission line, Line-I, Part-II	POWERGR ID	WRPC ERPC	
234	220	220 KV MALANPUR - (GWL) PG CKT - II	25/Mar/15	9:00	25/Mar/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
235	400	400 KV Main Bus-I of Tamnar PS	25/Mar/15	10:00	26.03.2015	18:00	Continuo	Jumpering and commissioning work of Main Bus-I of M/s TRN Bays	M/s TRN	PGCIL	C
236	400	400 kv RAJGARH (PGCIL)-SSPCKT II	25/Mar/15	6:00	25/Mar/15	18:00	daily	MAINTENANCE WORK	PGCIL/M PPTCL	WR - II	R
237	400	400KV Raipur - KWPCCL (Raigarh) # 2	25/Mar/15	9:00	25/Mar/15	17:00	Daily	For NTAMC RTU Works	WRTS-I	PGCIL	
238	400	408 Bay Parli 2 & Aurangabad 1 Tie Bay at Talegaon(PG)	25-Mar-15	9:00	25-Mar-15	13:00	Daily	AMP Works	WRTS-I	WRTS-I	R
239	765	708 (AGRA-1 ,ICT-2 TIE) at Gwalior	25-Mar-15	10:00	26-Mar-15	18:00	Daily	AMP WORKS	PGCIL	WR-II	R
240	765	765kV Korba-Ranchi-2 Ckt 02(bay no	25/Mar/15	9:00	26/Mar/15	18:00	Continuo	AMP	WRTS-I	PGCIL	C
241	220	Bhat - Pirana (PG) - 1	25-Mar-15	8:00	25-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
242	765	Bus # 2 at Jabalpur Pooling Station	25-Mar-15	9:00	25-Mar-15	18:00	Daily	Erection/Alignment of Isolators for Commissioning of 765KV Dharmjaygarh # 4 Bays	PGCIL	WR-II	C
243	400	BUS 2 at Bhachau	25-Mar-15	10:00	25-Mar-15	18:00	Daily	Jumpering Work of Upcoming Essar Bays	PGCIL	WR-II	C
244	765	Bus Reactor-I at Bina	25-Mar-15	9:00	25-Mar-15	18:00	Daily	For faciliating the Jumpering work between Bus Reactor-I & Bus Reactor-II	PGCIL	WR-II	C
245	400	BUS-COUPLER at SSP	25-Mar-15	8:00	25-Mar-15	12:00	DAILY	Protection Audit/Maintenance work	SSP	NCA	
246	400k V	FSC-1 of Mundra-Sami Ckt-1 system at Sami SS	25/Mar/15	9:00	25/Mar/15	18:00	Daily	Testing and Annual Maintenance Work of FSC -1 (M-S ckt1) and associate equipments.	ATIL	ATIL	R
247	400	FSC-I (Seoni-1 line) at Khandwa	25-Mar-15	9:30	25-Mar-15	17:30	Daily	For AMP work	PGCIL	WR-II	R

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
248	765	GWALIOR-2 TIE BAY (715) AT SATNA	25-Mar-15	15:00	25-Mar-15	17:00	Daily	FOR COLLECTING CT OIL SAMPLE	PGCIL	WR-II	R
249	400	Kasor-Rajgarh 1 Line reactor 50 MVAR	25-Mar-15	8:00	25-Mar-15	18:00	Daily	CT & REACTOR TANDELA TESTING AND ANNUAL TESTING AND BREAKER DCRM & BAY MAINT	GETCO	GETCO	
250		220	Khanpur- Dehgam (PG)-2	25-Mar-15	8:00	25-Mar-15	18:00	Daily	PMM work	GETCO	GETCO
251	400	Korba- Raita S/C	25/Mar/15	8.00	26/Mar/15	18.00	Continuo	For construction of 765KV D/C Dharanjaigarh (Korba)-Jabalpur Transmission Line	CSPTCL	PGCIL	C
252	400	Parli # 2 Main Bays (416) at Solapur SS	25-Mar-15	9:00	25-Mar-15	18:00	DAILY	AMP Work	WRTS-I	WRTS-I	R
253	400	Raigarh I.C.T. # 1 (403)	25/Mar/15	10:00	25-Mar-15	14:00	Daily	AMP	WRTS-I	PGCIL	R
254	400	Raipur # 1 Tie at Khedamara SS	25/Mar/15	9:00	25/Mar/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL	
255	220	Rajgarh-Bhopawar Ckt #2	25-Mar-15	9:30	25-Mar-15	12:30	Daily	Annual Maintenance of Line CT, CVT, LA, WT and Isolator	MPPTCL	WR-II	C
256	400	Sasan- Jabalpur	25-Mar-15	10:00	25-Mar-15	14:00	Daily	AMP of Line Reactor.at Jabalpur	PGCIL	WR-II	R
257	220	Shujalpur-Rajgarh Ckt-I	25-Mar-15	14:00	25-Mar-15	18:00	Daily	For NTAMC work at Shujalpur	MPPTCL	WR-II	C
258	765	Tie Bay of 765 kV Bus Reactor at Kotr	25/Mar/15	8:00	26.03.2015	22:00	Daily	AMP	WRTS-I	PGCIL	
259	765	VCHAL-1 MAIN BAY (713) AT SATNA	25-Mar-15	9:00	25.03.2015	11:00	Daily	FOR COLLECTING CT OIL SAMPLE	PGCIL	WR-II	R
260	765	VCHAL-1 TIE BAY (714) AT SATNA	25-Mar-15	12:00	25-Mar-15	14:00	Daily	FOR COLLECTING CT OIL SAMPLE	PGCIL	WR-II	R
261	765	Wardha-2 switchable line reactor at at Aurangabad(PG)	25-Mar-15	10:00	25-Mar-15	13:00	Daily	For DGA of bushing oil in consultaion with ABB sweeden representative.	WRTS-I	WRTS-I	R
262	400	Navasari - Gandhar-1	26-Mar-15	8:00	27-Mar-15	18:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	POWERG	WR-II	APPROVED
263	765	Seoni-Wardha ckt 1	26-Mar-15	8:00	27-Mar-15	18:00	Continuo	Shutdown required on for stringing aux bus at Seoni end	WRTS-I	WRTS-I	C
264	400	BHADRAVATI-CHANDRAPUR I & II	26-Mar-15	8:00	19-Apr-15	18:00	Daily	Online PID TEST Auto reclose shall be kept in Non auto mode for both CKT's	WRTS-I	WRTS-I	R
265	400	Gandhar - Navsari Ckt.1	26-Mar-15	7:00	26-Mar-15	19:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	PGCIL	WR-II	C
266	220	220 KV BINA(PG)- SHIVNPURI CKT	26/Mar/15	9:00	27/Mar/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
267	220	220 KV PANDURNA - KALMESHVAR CKT	26/Mar/15	9:00	26/Mar/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
268	220	220KV BUS - I at Solapur SS	26-Mar-15	9:00	26-Mar-15	18:00	DAILY	AMP Work	WRTS-I	WRTS-I	R
269	400	315MVA ICT # 2 at 400kV Jabalpur SS	26-Mar-15	10:00	26-Mar-15	14:00	Daily	AMP of ICT #2 ,Tan delta measurement of bushing	PGCIL	WR-II	R
270	400	400KV Kolhapur - Mapusa Line -2	26-Mar-15	10:00	30-Mar-15	18:00	Daily	Insulator replacement works	WRTS-I	WRTS-I	R
271	400	409 Bay Aurangabad 1 Main bay at Talegaon (PG)	26-Mar-15	9:00	26-Mar-15	13:00	Daily	AMP Works	WRTS-I	WRTS-I	R
272	400	415 Bay -Parli(MSEB)-1 main bay at Parli PG	26-Mar-15	9:00	26-Mar-15	17:00	Daily	AMP Works	WRTS-I	WRTS-I	R

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
273	765	765 KV S/C Ranchi-Korba Ckt-II	26/Mar/15	8:00	27.03.2015	18:00	Continu ous	Construction work of 765 KV S/C Ranchi-Korba Ckt-I	WRTS-I	PGCIL	C
274	765	Bay No.: 814 Tie Bay of Bina # 1 at Jabalpur Pooling Station	26-Mar-15	9:00	26-Mar-15	18:00	Daily	Erection/Testing of Current Transformer for Commissioning of 765KV Dharmiavgarh # 3 Bays	PGCIL	WR-II	C
275	220	Bhat - Pirana (PG) - 2	26-Mar-15	8:00	26-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
276	400	Bhatapara Main at Khedamara SS	26/Mar/15	9:00	26/Mar/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL	
277	400	BUS 2 at Bhachau	26-Mar-15	10:00	26-Mar-15	18:00	Daily	Jumpering Work of Upcoming Essar Bays	PGCIL	WR-II	C
278	400	BUS#1 at Bilaspur S/s	26/Mar/15	9:00	27/Mar/15	18:00	DAILY	For AMP work	WRTS-I	PGCIL	R
279	HVD C	CWD DIA-50 Q50 (Tie bay of Ramagundam-2 & south Bus-1 filter) at Bhadrawati	26-Mar-15	8:00	26-Mar-15	18:00	Daily	(Yearly AMP) Ckt will be chrged through its main bay Q52 & Q51 respectively	WRTS-I	WRTS-I	R
280	400	Deepnagar-Khadka Ckt - 2	26-Mar-15	9.00	26-Mar-15	17.00	Daily	Relay testing, CB Timing, CRM Measurement & routine bay Maintenance.	MSETCL	MSETCL	
281	400	FSC -II (Seoni-2 line) at Khandwa	26-Mar-15	9:30	26-Mar-15	17:30	Daily	For AMP work	PGCIL	WR-II	R
282	400k V	FSC-2 of Mundra-Sami ckt-2 System at Sami SS	26/Mar/15	9:00	26/Mar/15	18:00	Daily	Testing and Annual Maintenance Work of FSC -2 (M-S ckt2) and associate equipments.	ATIL	ATIL	R
283	400	Indore-Itarsi#2	26-Mar-15	9:00	27-Mar-15	18:00	Cont.	Main -I Relay Retrofitting at Indore (MP)	PGCIL	WR-II	C
284	400	Kansari Vadavi- 1	26-Mar-15	8:00	26-Mar-15	18:00	Daily	Bay maint.,CT tan-d & DCRM (PGCIL)	WRTGP L	GETCO	
285	400	Kasor-Rajgarh 2 Line reactor 50 MVAR	26-Mar-15	8:00	26-Mar-15	18:00	Daily	CT & REACTOR TANDELA TESTING AND ANNUAL TESTING AND BREAKER DCRM & BAY MAINT	GETCO	GETCO	
286	400	Khandwa-Dhule-1	26-Mar-15	10:00	26-Mar-15	18:00	Daily	For NTAMC and Line work at Khandwa	PGCIL	WR-II	C
287	400	KORBA-BHILAI (Ckt-I)	26/Mar/15	8.00	30/Mar/15	18.00	Continu	For construction of 765KV D/C Dharanjaigarh (Korba)-Jabalpur Transmission Line	WRTS-I	PGCIL	C
288	400	Parli-Lonikand II ckt 2	26-Mar-15	9.00	27-Mar-15	17.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay, Replacement of broken spacer cum vibration damper	MSETCL	MSETCL	
289	400	Raigarh 63 MVAR BUS REACTOR (4	26/Mar/15	10:00	26/03/2015	14:00	Daily	AMP	WRTS-I	PGCIL	R
290	765	SASAN-2 LINE REACTOR AT SATNA	26-Mar-15	9:00	27-Mar-15	18:00	Contino us	For Commissioning of Fire Fighting (Line will be out for 15 minutes to isolate reactor).	PGCIL	WR-II	C
291	220	Shujalpur-Shujalpur Ckt-I	26-Mar-15	10:00	26-Mar-15	14:00	Daily	For NTAMC work at Shujalpur	MPPTCL	WR-II	C
292	400	SSNL-Dhule-2	26-Mar-15	8:00	28-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
293	220	TAPS-Bhilad	26/Mar/15	8:00	26/Mar/15	19:00	Daily	Annual maintenance of equipments & painting	GETCO	NPCIL / GETCO	
294	400	Gandhar-Navsari-1	26/Mar/15	7:00	27/Mar/15	19:00	daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	PGCIL	PGCIL	

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
295	400	400KV Bus -1 at Waluj S/S with Aurangabad-Pune # 1 on TBC & then Aurangabad-Pune # 2 on TBC	27-Mar-15	9:00	28-Mar-15	18:00	Conti.	Attending problem of Pune -1&2 Bus - 1 Isolator at MSETCL Waluj S/S.	WRTMP L / MSETCL	WRTS-I	C
296	765k V	707 Main Bay of Aurangabad Line-1 at Akola II substation	27/Mar/15	8:00	27/Mar/15	18:00	Daily	Testing of Circuit Breaker	MEGPTC	MEGPTCL	R
297	400	Rourkela - Raigarh - 2	27-Mar-15	8:00	27-Mar-15	18:00	Daily	AMP Work	POWERGR ID	WRPC ERPC	
298	220	220 KV DAMOH PGCIL I/C - I	27/Mar/15	9:00	27/Mar/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
299	220	220KV BUS - II st Solapur SS	27-Mar-15	9:00	27-Mar-15	18:00	DAILY	AMP Work	WRTS-I	WRTS-I	R
300	400	315 MVA ICT#1 at Pirana ss	27-Mar-15	10:00	27-Mar-15	16:00	Daily	For NTAMC work at Pirana	PGCIL	WR-II	C
301	400	400 KV ISP- NAGDA CkT	27/Mar/15	9:00	27/Mar/15	16:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
302	400	400kV Pirana (TPL)- UNOSUGEN F1	27/Mar/15	8:30	27/Mar/15	18:30	Daily	CT terminal Connector replacement work	TPL	TPL	
303	400	400KV Raipur - Raigarh # 1	27/Mar/15	9:00	25/Mar/15	17:00	Daily	For NTAMC RTU Works	WRTS-I	PGCIL	
304	400	410 Bay Aurangabad 2 Main Bay at Talegaon(PG)	27-Mar-15	9:00	27-Mar-15	13:00	Daily	AMP Works	WRTS-I	WRTS-I	R
305	400	418 Bay -Parli(MSEB)-2 main bay at Parli PG	27-Mar-15	9:00	27-Mar-15	17:00	Daily	AMP Works	WRTS-I	WRTS-I	R
306	765	765/400kV ICT-2 at Gwalior	27-Mar-15	10:00	27-Mar-15	18:00	DAILY	AMP & Commissioning of CSD	PGCIL	WR-II	R
307	765	765kV D/C Durg -(Champa)- Dharamjaygarh	27/03/2015	8.00	29/03/2015	18.00	Continuo	For termination of 765kV D/c lines at 765kV Champa PS	WRTS-I	POWERGRID	C
308	400	Akola-Aurangabad # 2	27-Mar-15	9:00	27-Mar-15	18:00	Daily	Commissioning of L/Reactor at Aurangabad	WRTS-I	WRTS-I	C
309	765	Bay No 720 (Main Bay of Autotransfor	27/Mar/15	8:00	28.03.2015	18:00	Daily	AMP	WRTS-I	PGCIL	
310	765	Bay No.: 817 Tie Bay of Bina # 2 at Jabalpur Pooling Station	27-Mar-15	9:00	27-Mar-15	18:00	Daily	Erection/Testing of Current Transformer for Commissioning of 765KV Dharmjaygarh # 4 Bays	PGCIL	WR-II	C
311	400	Bhatapara Tie at Khedamara SS	27/Mar/15	9:00	27/Mar/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL	
312	220	Bhilad - Vapi (PG) - 1	27-Mar-15	9:00	27-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
313	765	Bina-Indore Line	27-Mar-15	9:00	27-Mar-15	11:00	Daily	To make Spare Reactor unit free for integration with Bhopal LWR 710	PGCIL	WR-II	C
314	765	BUS-I at Seoni SS	27-Mar-15	8:00	28-Mar-15	18:00	Daily	Commissioning of illumination system	WRTS-I	WRTS-I	C
315	HVD C	CWD DIA-50 Q51(Main bay of south Bus-1 filter)	27-Mar-15	8:00	27-Mar-15	18:00	Daily	Yearly AMP) ckt will be chrged through its tie bay Q 50	WRTS-I	WRTS-I	R
316	400	ICT 2 at Seoni	27-Mar-15	8:00	27-Mar-15	18:00	Daily	Trial of RTCC panel	WRTS-I	WRTS-I	R
317	400	Kansari Vadavi- 2	27-Mar-15	8:00	27-Mar-15	18:00	Daily	Bay maint.,CT tan-d & DCRM (PGCIL)	WRTGP L	GETCO	
318	400	Khandwa-Dhule-2	27-Mar-15	10:00	27-Mar-15	18:00	Daily	For NTAMC and Line work at Khandwa	PGCIL	WR-II	C
319	765	Korba BUS REACTOR-1(bay no.707)	27/Mar/15	9:00	27/Mar/15	18:00	Continu ous	AMP	WRTS-I	PGCIL	
320	400	Mundra-Jetpur Circuit-1	27-Mar-15	8:00	27-Mar-15	18:00	Daily	Fixing of dislocated spacers,hot spot	PGCIL	WR-II	R

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
321	220	Raigarh 220 KV BUS - I	27/Mar/15	9:00	27/03/2015	18:00	Daily	AMP	WRTS-I	PGCIL	R
322	220	Shujalpur-Shujalpur Ckt-II	27-Mar-15	14:00	27-Mar-15	18:00	Daily	For NTAMC work at Shujalpur	MPPTCL	WR-II	C
323	220	Talandge-Chickodi & Mudshingi - Chikodi	27-Mar-15	6:00	28-Mar-15	18:00	Continuous	Crossing works of 765kv Kudgi-Kolhapur D/C	MSETCL	WRTS-I	C
324	400	400 kV Jetpur Mundra Ckt # 1	27-Mar-15	10:00	27-Mar-15	11:00	Daily	CT Oil sampling at Jetpur (GETCO)	PGCIL	WR-II	R
325	765kV	709 Main Bay of Tiroda/Koradi Line-2 at Akola II substation	28/Mar/15	8:00	28/Mar/15	18:00	Daily	Testing of Circuit Breaker	MEGPTC	MEGPTCL	R
326	220	Vapi - Vapi (PG)	28-Mar-15	8:00	28-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
327	220	220kv Boisar Bus-2	28-Mar-15	8:00	29-Mar-15	18:00	conti	isolator mntnce	MSETCL	MSETCL	
328	400	400 KV Main Bus-II of Tamnar PS	28/Mar/15	10:00	29.03.2015	18:00	Continuous	Jumpering and commissioning work of Main Bus-II of M/s TRN Bays	M/s TRN	PGCIL	C
329	400	400KV, 315 ICT#II at Pirana ss	28-Mar-15	10:00	28-Mar-15	16:00	Daily	For NTAMC work at Pirana	PGCIL	WR-II	C
330	400	411 Bay Aurangabad 2 & AT 2 Tie Bay at Talegaon (PG)	28-Mar-15	8:00	28-Mar-15	13:00	Daily	AMP Works	WRTS-I	WRTS-I	R
331	765	715 L/R (BINA-2 L/R BAY) at Gwalior	28-Mar-15	10:00	29-Mar-15	18:00	DAILY	AMP	PGCIL	WR-II	R
332	400	Bhusawal-Koradi	28-Mar-15	9.00	28-Mar-15	17.00	Daily	Disc string replacement,fixing of spacers,dampers,earthbond	MSETCL	MSETCL	
333	400	Bina-Shujalpur Ckt-I	28-Mar-15	10:00	28-Mar-15	14:00	Daily	For NTAMC work at Shujalpur	PGCIL	WR-II	C
334	765	Bus # 2 at Jabalpur Pooling Station	28-Mar-15	9:00	28-Mar-15	18:00	Daily	To carry out Bus Stability Test for Commissioning of 765kV Bus Reactor # 1	PGCIL	WR-II	C
335	400	Chandrapur Tie bay at Khedamara SS	28/Mar/15	9:00	28/Mar/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL	
336	HVD C	CWD DIA-50 Q52(Main bay of Ramagundam-)	28-Mar-15	8:00	28-Mar-15	18:00	Daily	(Yearly AMP) ckt will be chrged through its tie bay Q 50	WRTS-I	WRTS-I	R
337	400	ICT 1 at Seoni	28-Mar-15	8:00	28-Mar-15	18:00	Daily	DGA sampling of CT	WRTS-I	WRTS-I	R
338	400	Kasor - Chorania	28-Mar-15	8:00	28-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
339	765	Korba BUS REACTOR-2(bay no.710)	28/Mar/15	9:00	28/Mar/15	18:00	Continuous	AMP	WRTS-I	PGCIL	
340	400	Mundra-Jetpur Circuit#2	28-Mar-15	8:00	28-Mar-15	18:00	Daily	Fixing of dislocated spacers,hot spot	PGCIL	WR-II	R
341	765	Raichur-2 LR bay at Solapur SS	28-Mar-15	9:00	28-Mar-15	18:00	DAILY	AMP Work	WRTS-I	WRTS-I	R
342	220	Raigarh 220 KV BUS - II	28/Mar/15	9:00	28/03/2015	18:00	Daily	AMP	WRTS-I	PGCIL	R
343	400	400 kV Jetpur Mundra Ckt # 2	28-Mar-15	12:00	28-Mar-15	13:00	Daily	CT Oil sampling at Jetpur (GETCO)	PGCIL	WR-II	R
344	400	Pirana-Dehgam line #I	29-Mar-15	8:00	29-Mar-15	12:00	Daily	For NTAMC work at Pirana	PGCIL	WR-II	C
345	765kV	706 Main Bay of Tiroda/Koradi Line-1 at Akola II substation	29/Mar/15	8:00	29/Mar/15	18:00	Daily	Testing of Circuit Breaker	MEGPTC	MEGPTCL	R
346	400	Pirana-Dehgam line #II	29-Mar-15	13:00	29-Mar-15	19:00	Daily	For NTAMC work at Pirana	PGCIL	WR-II	C
347	400	Pirana(PG)-Pirana(T) line #I	29-Mar-15	8:00	29-Mar-15	13:00	Daily	For NTAMC work at Pirana	TPGL	WR-II	C
348	400	Pirana-TPGL line #II	29-Mar-15	13:00	29-Mar-15	18:00	Daily	For NTAMC work at Pirana	TPGL	WR-II	C
349	400	Magarwara-Navsari Ckt.2	29-Mar-15	7:00	29-Mar-15	19:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	PGCIL	WR-II	C

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
350	400	Gandhar - Navsari Ckt.2	30-Mar-15	7:00	30-Mar-15	19:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	PGCIL	WR-II	C
351	400	Gandhar - Navsari Ckt.2	30-Mar-15	7:00	30-Mar-15	19:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	PGCIL	WR-II	C
352	400	SEL - Raigarh - 2	30-Mar-15	8:00	30-Mar-15	17:00	Daily	For tightening of Jumpers, Adjustment of VD, Corona Ring and spacer at various locations	POWERGR ID	WRPC ERPC	
353	400	400kV S/C BTPS-Bina Jay Pee/MPP	30-Mar-15	8:00	31-Mar-15	18:00	Continuous	Crossing of 765 KV S/C Jabalpur-Bina Line(AP 111/2-AP 111/3)	Jaypee/MPPTCL	JTCL	
354	400	125MVAR Bus Reactor at AURANGABAD(PG)	30-Mar-15	9:00	30-Mar-15	16:00	Daily	DGA of Bushing oil.	WRTS-I	WRTS-I	R
355	220	220KV, Bhat line #I	30-Mar-15	10:00	30-Mar-15	16:00	Daily	For NTAMC work at Pirana	GETCO	WR-II	C
356	400	400KV Raipur - Sipat # 3	30/Mar/15	9:00	30/Mar/15	17:00	Daily	For NTAMC RTU Works	WRTS-I	PGCIL	
357	400	413 Bay Lonikand Main bay at Talegaon(PG)	30-Mar-15	9:00	30-Mar-15	13:00	Daily	AMP Works	WRTS-I	WRTS-I	R
358	765	704 Switchable Jaipur L/R at Gwalior	30-Mar-15	10:00	31-Mar-15	18:00	Daily	AMP WORKS	PGCIL	WR-II	R
359	765	765KV Bay No.: 803 (Main Bay) of ICT # 1 at Jabalpur Pooling Station	30-Mar-15	10:00	30-Mar-15	23:30	Daily	For Collection of Current Transformer Oil Samples of ICT # 1 Main Bay	PGCIL	WR-II	C
360	765	765KV Bay No.: 806 (Main Bay) of ICT # 2 at Jabalpur Pooling Station	30-Mar-15	11:45	30-Mar-15	14:30	Daily	For Collection of Current Transformer Oil Samples of ICT # 2 Main Bay	PGCIL	WR-II	C
361	765	765kV Korba-jharsuguda Ckt -II	30/Mar/15	9:00	1/Apr/15	18:00	Continuous	For Erection of Auxilary Bus	WRTS-I	PGCIL	C
362	400	Bay No. C01 - 80MVAR REACTOR at Sugan	30/Mar/15	9:00	5/Apr/15	18:00	Continuous	INTERNAL INSPECTION OF GIS BAY BY EXPERTS	TPL-SUG	TPL-SUGEN	
363	220	Bhilad - Vapi (PG) - 2	30-Mar-15	9:00	30-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
364	400	Bina-Shujalpur Ckt-II	30-Mar-15	14:00	30-Mar-15	18:00	Daily	For NTAMC work at Shujalpur	PGCIL	WR-II	C
365	400	BUS#2 at Bilaspur S/s	30/Mar/15	9:00	31/Mar/15	18:00	DAILY	For AMP work	WRTS-I	PGCIL	R
366	400	CGPL - Mansar	30-Mar-15	8:00	30-Mar-15	12:00	Daily	PMU work	PGCIL	GETCO	
367	400	Chandrapur Main Bay at Khedamara SS	30/Mar/15	9:00	30/Mar/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL	
368	765	Indore - Bhopal	30-Mar-15	9:00	31-Mar-15	18:00	Cont.	Reamote HMI Testing	STERLITE	WR-II	C
369	400	Khandwa-Itarsi-1	30-Mar-15	10:00	30-Mar-15	18:00	Daily	For NTAMC and Line work at Khandwa	PGCIL	WR-II	C
370	132	Korba- Champa T/L D/C	30/Mar/15	8.00	31/Mar/15	18.00	Continuous	For construction of 765KV D/C Dharanjaigarh (Korba)-Jabalpur Transmission Line (Part-I)	CSPTCL	PGCIL	C
371	400	Main Bay of ICT - 4 at Kotra PS	30/Mar/15	8:00	31/Mar/15	18:00	Daily	AMP	WRTS-I	PGCIL	
372	400	Mansanr - Chorania	30-Mar-15	12:00	30-Mar-15	16:00	Daily	PMU work	PGCIL	GETCO	
373	220	Navsari - Nasik - 1	30-Mar-15	9:00	30-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
374	400	New Koyna-Dabhol ckt 2	30-Mar-15	8.30	30-Mar-15	17.30	Daily	Cold line insulator cleaning	MSETCL	MSETCL	

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
375	765	Pune main bay 712 at Solapur SS	30-Mar-15	9:00	30-Mar-15	18:00	DAILY	AMP Work	WRTS-I	WRTS-I	R
376	220	Raigarh 220 KV TRANSFER BUS	30/Mar/15	9:00	30-Mar-15	18:00	Daily	AMP	WRTS-I	PGCIL	R
377	400kV	Raipur-Bhdravati-1	30/Mar/15	9.00	20/Apr/15	18.00	Daily	A/R non auto mode for Additional Earthing work on lines.	WRTS-I	PGCIL	C
378	400	Magarwara - Navsari Ckt.1	30-Mar-15	7:00	30-Mar-15	19:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	PGCIL	WR-II	C
379	400	Mansar - Limbdi	30-Mar-15	13:00	30-Mar-15	18:00	Daily	Fixing of dislocated spacers,hot spot	PGCIL	WR-II	R
380	400	Gandhar - Navsari Ckt.2	31-Mar-15	7:00	31-Mar-15	19:00	Daily	Replacement of porcelain disc insulator strings with polymer insulator strings in complete line	PGCIL	WR-II	C
381	400	Mundra-Limbdi Circuit #1	31-Mar-15	8:00	31-Mar-15	18:00	Daily	Fixing of dislocated spacers,hot spot	PGCIL	WR-II	R
382	220	220KV, Bhat line #II	31-Mar-15	10:00	31-Mar-15	16:00	Daily	For NTAMC work at Pirana	GETCO	WR-II	C
383	400	400KV BUS - I at Solapur	31-Mar-15	9:00	31-Mar-15	18:00	DAILY	AMP Work and construction work	WRTS-I	WRTS-I	R
384	400	400KV Bus # 2 at Jabalpur Pooling Station	31-Mar-15	9:00	31-Mar-15	18:00	Daily	Erection/Jumper with Isolators for 400KV Bay No.: 413 of Jhabua Power Bays	PGCIL	WR-II	C
385	400	400KV Bus Reactor # 1 (Main & Tie Bay) at Jabalpur Pooling Station	31-Mar-15	9:00	01-Apr-15	18:00	Continu ous	Installation & Commissioning of CSD Relay	PGCIL	WR-II	C
386	220	Bhilad - Vapi (PG) - 3	31-Mar-15	9:00	31-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
387	400	Dhule-Khandwa-2	31-Mar-15	9:00	31-Mar-15	18:00	Daily	for commissining of L/Reactor at Dhule	PGCIL	WRTS-I	C
388	400	Khandwa-Itarsi-2	31-Mar-15	10:00	31-Mar-15	18:00	Daily	For NTAMC and Line work at Khandwa	PGCIL	WR-II	C
389	400	Korba # 1 Main at Khedamara SS	31/Mar/15	9:00	31/Mar/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL	
390	400	Nagda-Shujalpur Ckt-I	31-Mar-15	10:00	31-Mar-15	14:00	Daily	For NTAMC work at Shujalpur	PGCIL	WR-II	C
391	400	Navasari - Magarwada Ckt.2	31-Mar-15	7:00	31-Mar-2015	19:00	Daily	To facilitate insulator repalcement in 400kV Gandhar - Navsari Ckt.1 in multi circuit towers due to low electrical clearance	PGCIL	WR-II	C
392	220	Navsari - Nasik - 2	31-Mar-15	9:00	31-Mar-15	18:00	Daily	PMM work	GETCO	GETCO	
393	220	Raigarh BAY 202 (CSEB-II)	31/Mar/15	9:00	31/Mar/15	18:00	Daily	AMP	WRTS-I	PGCIL	R
394	400K V/132 KV	Sipat 400KV/132KV IBT-1 TRANSFORMER S/D	31-Mar-15	7:30	3-Apr-15	19:00	Contino us	All burnt control cable replacement	NTPC	NTPC	
395	765	RAIPUR-WARDHA CKT 2	1-Apr-15	8:00	3-Apr-15	17:00	Daily	Rectification of line construction defects	WRTS-I	WRTS-I	C
396	765	RAIPUR-WARDHA CKT 1	1-Apr-15	8:00	3-Apr-15	17:00	Daily	Rectification of line construction defects	WRTS-I	WRTS-I	C
397	400kV	Sipat-Raipur-1&2	1/Apr/15	9.00	6/Apr/15	18.00	Daily	A/R non auto mode for Additional Earthing work on lines.	WRTS-I	PGCIL	C
398	400	315 MVA ICT # 2 at Bhachau	01-Apr-15	10:00	01-Apr-15	14:00	Daily	For complete repainting of ICT	PGCIL	WR-II	R
399	400	400 KV D/C SATNA BINA CKT-2	01-Apr-15	9:00	02-Apr-15	17:00	Daily	AMP of LINE (Fixing of Conductor Spacer, V/D Arcing Horn)	PGCIL	WR-II	R

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
400	400	400kV Pirana (TPL)- SUGEN line-2	1/Apr/15	8:30	1/Apr/15	18:30	Daily	CT terminal Connector replacement work	TPL	TPL	
401	400	400KV Raipur - Bhadravati # 1	1/Apr/15	9:00	1/Jan/15	17:00	Daily	For NTAMC RTU Works	WRTS-I	PGCIL-CG	R
402	400	404 Bay -Wardha # 2 main bay at Parli PG SS	1-Apr-15	9:00	1-Apr-15	17:00	Daily	CSD Installation work by M/s SCOPE	WRTS-I	WRTS-I	C
403	765	765 KV Bus Reactor at Kotra PS	1/Apr/15	8:00	2/Apr/15	18:00	Continuous	Comssioing of spare reactor	WRTS-I	PGCIL-CG	C
404	765	765 kV D/c Raigarh - Raipur -I	1/Apr/15	7.00.00	2/Apr/15	18.00.00	Continuous	AMP	WRTS-I	PGCIL-CG	C
405	765	765 KV VCHAL-1 LINE REACTOR AT SATNA	01-Apr-15	9:00	03-Apr-15	18:00	Continuous	For Commissioning of Fire Fighting (Charged as BUS REACTOR).	PGCIL	WR-II	C
406	765	765KV Bus # 1 at Jabalpur Pooling Station	01-Apr-15	9:00	01-Apr-15	19:00	Daily	AMP of 765kV Bus #1 & associated bay equipment.	PGCIL	WR-II	R
407	400	Asoj-indore line-1	1-Apr-15	8:00	1-Apr-15	18:00	Daily	PMM work	PGCIL	GETCO	
408	765	Bus Reactor at Seoni SS	1-Apr-15	8:00	4-Apr-15	18:00	Continuous	Spare reactor shall be taken in service	WRTS-I	WRTS-I	C
409	220	Gwalior - mahalgaon - 1	01-Apr-15	10:00	01-Apr-15	18:00	Daily	AMP WORKS	MPPTCL	WR-II	R
410	400	Indore-Pithampur-1	01-Apr-15	9:00	01-Apr-15	18:00	Daily	For checking of Signals in Remote HMI	MPPTCL	WR-II	R
411	400	Khandwa-Seoni-1	01-Apr-15	10:00	01-Apr-15	18:00	Daily	For NTAMC work at Khandwa	PGCIL	WR-II	C
412	400	Korba # 1 Tie at Khedamara SS	1/Apr/15	9:00	1/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
413	400	Nagda-Shujalpur Ckt-II	01-Apr-15	14:00	01-Apr-15	18:00	Daily	For NTAMC work at Shujalpur	PGCIL	WR-II	C
414	220	Raigarh BAY 203 (CSEB-I)	1/Apr/15	9:00	1/Jan/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
415	765	Sundargarh - Dharamjaygarh - 2	2-Apr-15	8:00	4-Apr-15	17:00	Continuous	Erection of Beam near Dharmjaygarh line-2 for Dharamjaygarh Line-3&4 Bay extension work.	POWERGRID	WRPC ERPC	
416	765	400 kV Bina (PG)-Bina(MPPTCL)-I Line at Bina	02-Apr-15	10:00	02-Apr-15	15:00	Daily	For AMP work	PGCIL	WR-II	C
417	400	400 KV CGPL Mundra Bhachau-1 & u	2-Apr-15	8AM	2-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to Line Gantry	PGCIL	CGPL	
418	400	400kV Pirana (TPL)- PGCIL line-1	2/Apr/15	8:30	2/Apr/15	18:30	Daily	CT terminal Connector replacement work	TPL	TPL	
419	400	407 Bay -Bhdrawati # 1 main bay at Parli PG SS	2-Apr-15	9:00	2-Apr-15	17:00	Daily	CSD Installation work by M/s SCOPE	WRTS-I	WRTS-I	C
420	400kV	50 MVAR Bus Reactor at Sami SS	2/Apr/15	9:00	2/Apr/15	18:00	Daily	Testing and Annual Maintenance Work of Bus Reactor and associate equipments (LA, Isolator)	ATIL	ATIL	R
421	765	765KV BUS-1 at AURANGABAD(PG)	02-Apr-15	9:00	02-Apr-15	18:00	Daily	Bus Extension at Aurangabad	WRTS-I	WRTS-I	C
422	765	765KV/400KV ICT # 1 (Main & Tie Bay) at Jabalpur Pooling Station	02-Apr-15	9:00	03-Apr-15	18:00	Continuous	Installation & Commissioning of CSD Relay	PGCIL	WR-II	C
423	400	Asoj-indore line-2	2-Apr-15	8:00	2-Apr-15	18:00	Daily	PMM work	PGCIL	GETCO	
424	400	Bina -Shujalpur LR-I	02-Apr-15	10:00	02-Apr-15	14:00	Daily	For NTAMC work at Shujalpur	PGCIL	WR-II	C
425	765	Bus Reactor Main Bay 718 at Solapur	2-Apr-15	9:00	2-Apr-15	18:00	DAILY	AMP Work	WRTS-I	WRTS-I	R

SN	KV	Line	From Date	Time	To Date	Time	Basis	Reason	System	Agency	type
426	400	EMCO- Bhadravati Line 1 Outage	02/04/2015	9:00	06/04/2015	18:00	Daily Basis	Tightness of Jumpers checking, One Jumper	EMCO	EMCO	
427	220	Gwalior - mahalgaon - 2	02-Apr-15	10:00	02-Apr-15	18:00	Daily	AMP WORKS	MPPTCL	WR-II	R
428	400	Indore-Pithampur-2	02-Apr-15	9:00	02-Apr-15	18:00	Daily	For checking of Signals in Remote HMI	MPPTCL	WR-II	R
429	400	Khandwa-Seoni-2	02-Apr-15	10:00	02-Apr-15	18:00	Daily	For NTAMC and Line work at Khandwa	PGCIL	WR-II	C
430	400	Koradi Tie at Khedamara SS	2/Apr/15	9:00	2/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
431	400	Lonikand-Lonikand II ckt 1	2-Apr-15	9.00	2-Apr-15	17.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay, Replacement of broken spacer cum vibration damper	MSETCL	MSETCL	
432	400	Parli-Lonikand II ckt 1	2-Apr-15	9.00	2-Apr-15	17.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay, Replacement of broken spacer cum vibration damper	MSETCL	MSETCL	
433	220	Raigarh BAY 204 (ICT-II 220 KV side)	2/Apr/15	9:00	2/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
434	765	ICT-2 at AURANGABAD(PG)	02-Apr-15	9:00	04-Apr-15	18:00	Conti.	Commossioning of RTCC, Spare ICT unit & DGA of bushing oil.	WRTS-I	WRTS-I	C
435	400	Parli-Solapur ckt 1	3-Apr-15	9:00	3-Apr-15	17:00	Daily	Amp of Line terminal equipments at Parli S/s	Reliance	WRTS-I	R
436	220	KAPS - HALDARVA-I	3-Apr-15	8:00	6-Apr-15	18:00	conti	PM CKECK/CB SERVICING	PGCIL	NPCIL	
437	765	400 kV Bina (PG)-Bina(MPPTCL)-II Line at Bina	03-Apr-15	10:00	03-Apr-15	15:00	Daily	For AMP work	PGCIL	WR-II	C
438	400	400 KV CGPL Mundra Bhachau-1 & u	3-Apr-15	8AM	3-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to Line Gantry	PGCIL	CGPL	
439	400	400 KV D/C SATNA BINA CKT-3	03-Apr-15	9:00	03-Apr-15	17:00	Daily	AMP of LINE (Fixing of dislocated conductor VD)	PGCIL	WR-II	R
440	400	400kV Pirana (TPL)- PGCIL line-2	3/Apr/15	8:30	3/Apr/15	18:30	Daily	CT terminal Connector replacement work	TPL	TPL	
441	400	406 Bay -Pune # 2 main bay at Parli PG SS	3-Apr-15	9:00	3-Apr-15	17:00	Daily	CSD Installation work by M/s SCOPE	WRTS-I	WRTS-I	C
442	765	765 kV D/c Raigarh - Raipur-II	3/Apr/15	7.00.00	4/Apr/15	18.00.00	Continou	AMP	WRTS-I	PGCIL-CG	C
443	400	Akola-Bhushwal	3-Apr-15	9.00	3-Apr-15	17.00	Daily	Dignostic Testing of reactor, CB, CT & relay	MSETCL	MSETCL	
444	400	Bina -Shujalpur LR-II	03-Apr-15	14:00	03-Apr-15	18:00	Daily	For NTAMC work at Shujalpur	PGCIL	WR-II	C
445	400	Khandwa-Rajgarh -2	03-Apr-15	10:00	03-Apr-15	18:00	Daily	For NTAMC work at Khandwa	PGCIL	WR-II	C
446	400	Koradi Main Bay at Khedamara SS	3/Apr/15	9:00	3/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
447	132	Korba- Mobka D/C	3/Apr/15	8.00	4/Apr/15	18.00	Continuo	For construction of 765KV D/C Dharanjaigarh (Korba)-Jabalpur Transmission Line (Part-I)	CSPTCL	PGCIL-CG	C
448	400	Navsari - DGEN#1	03-Apr-15	10:00	03-Apr-15	18:00	Daily	For NTAMC work at Navsari	TPGL	WR-II	C

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
449	220	KAPP-HALDARVA-CKT-1	03-Apr-15	8:00	06-Apr-15	20:00	Continu	Bay PM checks & CB servicing.	NPCIL	KAPS 1&2	
450	765	Seoni-Wardha ckt 2	4-Apr-15	8:00	4-Apr-15	18:00	Continu ous	Shutdown required on for stringing aux bus at Seoni end	WRTS-I	WRTS-I	C
451	765	Seoni-Wardha ckt 2 & Seoni Bina	4-Apr-15	8:00	4-Apr-15	18:00	Daily	Shutdown required on both the lines for stringing aux bus at Seoni end	WRTS-I	WRTS-I	C
452	765	1500MVA ICT#1 at Indore	04-Apr-15	9:00	04-Apr-15	18:00	Daily	For making Spare ICT Unit Free	PGCIL	WR-II	R
453	400	315MVA XMER - III AT400 KV S/S BHOPAL	4/Apr/15	9:00	4/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
454	400	400 KV CGPL Mundra Bhachau-1, Bus 2 & unit 50	4-Apr-15	8AM	4-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to Line Gantry	PGCIL	CGPL	
455	400	400 KV D/C SATNA BINA CKT-4	04-Apr-15	9:00	04-Apr-15	17:00	Daily	AMP of LINE (Fixing of dislocated conductor VD)	PGCIL	WR-II	R
456	400	400KV BUS - II at Solapur	4-Apr-15	9:00	4-Apr-15	18:00	DAILY	AMP Work and construction work	WRTS-I	WRTS-I	R
457	765	765 kV Satna-II Main Bay at Bina	04-Apr-15	10:00	04-Apr-15	18:00	Daily	For re-testing of DCRM test of CB	PGCIL	WR-II	C
458	765	765 KV VCHAL-2 LINE REACTOR AT SATNA	04-Apr-15	9:00	06-Apr-15	18:00	Contino us	For Commissioning of Fire Fighting (Charged as BUS REACTOR).	PGCIL	WR-II	C
459	765	765KV/400KV ICT # 2 (Main & Tie Bay) at Jabalpur Pooling Station	04-Apr-15	9:00	05-Apr-15	18:00	Continu ous	Installation & Commissioning of CSD Relay	PGCIL	WR-II	C
460	400	Deepnagar-Tapthitanda	4-Apr-15	9.00	4-Apr-15	17.00	Daily	Faulty Insulator replacement work	MSETCL	MSETCL	
461	400	Korba # 2 Main at Khedamara SS	4/Apr/15	9:00	4/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
462	400	Navsari - DGEN#2	04-Apr-15	10:00	04-Apr-15	18:00	Daily	For NTAMC work at Navsari	TPGL	WR-II	C
463	220	Raigarh BAY 205 (220 KV TBC)	4/Apr/15	9:00	4/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
464	400	Wardha-Parli ckt 2	5-Apr-15	9:00	5-Apr-15	18:00	Daily	stringing work of broken earth wire between span 387 to 390	WRTS-I	WRTS-I	R
465	765	765 KV BUS-2 AT SATNA	05-Apr-15	9:00	06-Apr-15	18:00	Daily	For extension of Bus-2 & Bus Bar testing for Bus Reactor-2	PGCIL	WR-II	C
466	765	765 KV SATNA-BINA Ckt-1	05-Apr-15	9:00	05-Apr-15	17:00	Daily	AMP of LINE (Replace of Jumper bolts & fixing of Arcing horn)	PGCIL	WR-II	R
467	400	400 KV CGPL Mundra Bhachau-1, Bus 2 & unit 50	5-Apr-15	8AM	5-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to Line Gantry	PGCIL	CGPL	
468	400	Bus-2 at Aurangabad (PG)	05-Apr-15	9:00	05-Apr-15	18:00	Daily	for attending hot spot	WRTS-I	WRTS-I	R
469	400	Padgha-Kalwa-1	5-Apr-15	9.00	5-Apr-15	17.00	Daily	Dignostic Testing of reactor, CB, CT & relay	MSETCL	MSETCL	
470	765	RAIPUR-WARDHA CKT 2	6-Apr-15	8:00	8-Apr-15	17:00	Daily	maintenance	WRTS-I	WRTS-I	C
471	765	765 KV SATNA-BINA Ckt-2	06-Apr-15	9:00	06-Apr-15	17:00	Daily	AMP of LINE (Replace of Jumper bolts & fixing of Arcing horn)	PGCIL	WR-II	R
472	400	Khadka-Aurangabad(Waluj)	6-Apr-15	9.00	6-Apr-15	17.00	Daily	Bay Maintenance work	MSETCL	MSETCL	

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
473	765	1500MVA ICT#2 at Indore	06-Apr-15	9:00	07-Apr-15	18:00	Cont.	To integrate Spare Unit in ICT#2	PGCIL	WR-II	C
474	765	1500MVA ICT-I at Kotra PS	6/Apr/15	10:00	6/Apr/15	14:00	Daily	AMP : 2015 - 16	WRTS-I	PGCIL-CG	R
475	400	315MVA ICT#1 at Navsari	06-Apr-15	10:00	06-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
476	400	400 KV D/C Jabalpur-Itrasi Ckt-1 & 2.	6-Apr-15	8:00	7-Apr-15	18:00	Continu ous	Crossing of 765 KV S/C Jabalpur-Bina Line(AP10-AP10/1)	PGCIL	JTCL	
477	400	400 KV D/C Korba-Khedamara	6-Apr-15	8:00	7-Apr-15	18:00	Continu ous	Crossing of 765 KV D/C Dharamjaygarh-Jabalpur Line(AP65/1-AP65/2)	CSPTCL	JTCL	
478	400	400 KV INDORE - NAGDA Ckt	6/Apr/15	9:00	6/Apr/15	16:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
479	400	400 KV S/S BINA - 400 KV BHOPAL - I	6/Apr/15	9:00	7/Apr/15	17:00	daily	MAINTENANCE WORK ON FEEDER BAYS AT 400KV S/S END	MPPTCL	MPPTCL	R
480	400	400/220 ICT-1 at Dehgam	06-Apr-15	10:00	06-Apr-15	17:00	Daily	For NTAMC work at Dehgam	PGCIL	WR-II	C
481	765	765 kV Satna-II Main Bay at Bina	06-Apr-15	10:00	06-Apr-15	18:00	Daily	For re-testing of DCRM test of CB	PGCIL	WR-II	C
482	765	765KV Bus Reactor # 2 (Main & Tie Bay) at Jabalpur Pooling Station	06-Apr-15	9:00	07-Apr-15	18:00	Continu ous	Installation & Commissioning of CSD Relay	PGCIL	WR-II	C
483	765	765KV ICT#2 at Solapur	6-Apr-15	9:00	6-Apr-15	18:00	DAILY	AMP Work	WRTS-I	WRTS-I	R
484	765	765kV Korba-jharsuguda Ckt -II	6/Apr/15	9:00	8/Apr/15	18:00	Continu ous	For Erection of Auxilary Bus	WRTS-I	PGCIL-CG	C
485	400k V	Bhilai-Koradi line	6/Apr/15	9.00	20/Apr/15	18.00	Daily	A/R non auto mode for Additional Earthing work on lines.	WRTS-I	PGCIL-CG	C
486	400	Bus Reactor at Seoni SS	6-Apr-15	8:00	6-Apr-15	18:00	Daily	Alignment and commissioning of Isolator	WRTS-I	WRTS-I	C
487	400	ICT-1 at Kala	06-Apr-15	8:00	06-Apr-15	20:00	Daily	For attending leakage from PRV	PGCIL	WR-II	R
488	400	Khandwa-Raigarh-1	06-Apr-15	10:00	06-Apr-15	18:00	Daily	For NTAMC work at Khandwa	PGCIL	WR-II	C
489	400	Korba Lanco Line	6-Apr-15	08:30 hrs	8-Apr-15	17:30 H	Continu ous	400KV CT replacement	NTPC	NTPC	
490	220	Raigarh BAY 207 (FUTURE-1) at Raigarh SS	6/Apr/15	9:00	6/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
491	400	Ramagundam - Chandrapur 1 - 1	6-Apr-15	9:00	7-Apr-15	18:00	Daily	Replacement of Insulators	POWERGR ID	SRPC WRPC	
492	765	Seoni#2 Main Bay (707) at Bilaspur S/s	6/Apr/15	9:00	7/Apr/15	18:00	DAILY	FOR Breaker DCRM testing work	WRTS-I	PGCIL-CG	R
493	400	400 KV D/C SATNA BINA CKT-1	07-Apr-15	9:00	08-Apr-15	17:00	Daily	AMP of LINE (Fixing of Conductor Spacer, V/D Arcing Horn)	PGCIL	WR-II	R
494	220	KAPS - HALDARVA-II	7-Apr-15	8:00	7-Apr-15	20:00	Daily	PM CKECK	PGCIL	NPCIL	
495	220	Vapi - Kharadpada # 1	07-Apr-15	09:00	07-Apr-15	13:00	Daily	For attending hot spot in transmission line.	PGCIL	WR-II	R
496	220	Vapi - Kharadpada # 2	07-Apr-15	14:00	07-Apr-15	18:00	Daily	For attending hot spot in transmission line.	PGCIL	WR-II	R
497	400	Padgha Tarapur I	7-Apr-15	9.00	7-Apr-15	17.00	Daily	QUARTERLY MAINTENANCE	PGCIL	MSETCL	
498	400	Rourkela - Raigarh - 2	7-Apr-15	9:00	7-Apr-15	17:00	Daily	AMP Work	POWERGR ID	WRPC ERPC	
499	220	220 KV ANOOPUR - KOTMIKALA CKT - I	7/Apr/15	10:00	7/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
500	220	220 KV MALANPUR - AURAIYA CKT	7/Apr/15	9:00	8/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
501	400	315MVA XMER - I AT400 KV S/S PITHAMPUR	7/Apr/15	9:00	8/Apr/15	17:00	daily	DETAILED TESTING AND MAINTENANCE OF TRANSFORMER & TRANSFORMER BAYS	MPPTCL	MPPTCL	R
502	400	315MVA XMER - III & ITARSI - I TIE AT 400 KV S/S BHOPAL	7/Apr/15	9:00	7/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
503	400	315MVA ICT #1 at DAMOH S/S	07-Apr-15	9:00	07-Apr-15	17:00	Daily	AMP of ICT # 1 & associated bay equipment	WR-II	WR-II	R
504	400	315MVA ICT#2 at Navsari	07-Apr-15	10:00	07-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
505	400	400KV Karad LR at Solapur	7-Apr-15	9:00	7-Apr-15	18:00	DAILY	AMP Work	WRTS-I	WRTS-I	R
506	765	765 KV GWALIOR-2 LINE REACTOR AT SATNA	07-Apr-15	9:00	09-Apr-15	18:00	Continous	For Commissioning of Fire Fighting.	PGCIL	WR-II	C
507	765	765/400 kV ICT-I at Bina	07-Apr-15	10:00	07-Apr-15	18:00	Daily	For AMP work	PGCIL	WR-II	R
508	400	APL-Varsana line	7-Apr-15	9:00	7-Apr-15	18:00	Daily	For PMM Work	GETCO	GETCO	
509	400	Boisar-2 L/Reactor	07-Apr-15	9:00	08-Apr-15	18:00	Conti.	for commissioning of 426 Tie bay	WRTS I	WRTS I	C
510	220	Bus # 2 at Vapi	07-Apr-15	10:00	09-Apr-15	17:00	Daily	For isolator arms replacement & AMP work.	PGCIL	WR-II	R
511	400KV	BVT- Dhariwal & Dhariwal- Parli 400 KV D/C Tr. Line	7-Apr-15	8:00	7-Apr-15	18:00	Ten hours	To attend/ fixing of line spacers at five span locations of 15.5 KM (LIL portion of DIL- BVT & DIL- Parli Line) D/C Transmission line	WRTS-I	Dhariwal Infrastructure Ltd.	
512	400	Chorania-Mundra-1	7-Apr-15	8:00	7-Apr-15	18:00	Daily	PMM work	PGCIL	GETCO	
513	400	Dehgam-Soja	07-Apr-15	10:00	07-Apr-15	17:00	Daily	For NTAMC work at Dehgam	GETCO	WR-II	C
514	400	EMCO- Bhadravati Line 1 & 2 Hotline Main	07/04/2015	9:00	12-04-15	18:00	Daily Basis	Regular inspection & checking of hotspots	EMCO	EMCO	
515	220	Ichhapore-Kawas-1	7-Apr-15	8:00	7-Apr-15	18:00	Daily	PMM work	PGCIL	GETCO	
516	400	ICT-1 at Khandwa	07-Apr-15	10:00	07-Apr-15	18:00	Daily	For NTAMC work at Khandwa	PGCIL	WR-II	C
517	400	Karad-Jaigad-II	7-Apr-15	9:00	7-Apr-15	17:00	Daily	Bay Maintenance work	MSETCL	MSETCL	
518	400	Kosamba Ukai 1	7-Apr-15	9:00	7-Apr-15	18:00	Daily	For PMM work	GETCO	GETCO	
519	400	New Koyna-Karad-II	7-Apr-15	9:00	7-Apr-15	17:00	Daily	Bay Maint. Work & diagnostic Testing of reactor, CB, CT & relay	MSETCL	MSETCL	
520	220	Raigarh BAY 208 (FUTURE -2) at raigarh SS	7/Apr/15	9:00	7/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
521	765	Seoni- Bilaspur -II (Main bay 716) at Seoni end	7-Apr-15	8:00	8-Apr-15	18:00	Daily	AMP works (DCRM & Timing test of CB)	WRTS-I	WRTS-I	R
522	400	Transfer Bus at Raipur SS	7/Apr/15	9:00	7/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
523	220	KAPP-HALDARVA-CKT-2	07-Apr-15	8:00	07-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	
524	220	KAPS-VAV -I	8-Apr-15	8:00	8-Apr-15	20:00	Daily	PM CHECK	PGCIL	NPCIL	
525	220	220 KV ANOOPUR - KOTMIKALA CKT - II	8/Apr/15	10:00	8/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
526	220	220 KV DAMOH PG - SAGAR CKT	8/Apr/15	9:00	8/Apr/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
527	400	315MVA ICT # 2 at DAMOH S/S	08-Apr-15	9:00	08-Apr-15	17:00	Daily	AMP of ICT # 2 & associated bay equipment	PGCIL	WR-II	R
528	400	400 KV BIRSINGPUR - KATNI CKT - I	8/Apr/15	9:00	8/Apr/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
529	400	400 KV ITARSI - BHOPAL - CKT- I	8/Apr/15	9:00	8/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
530	400	400 KV S/S BINA - 400 KV BHOPAL - II	8/Apr/15	9:00	9/Apr/15	17:00	daily	MAINTENANCE WORK ON FEEDER BAYS AT 400KV S/S END	MPPTCL	MPPTCL	R
531	400	400kV Dehgam-Sami-2	08-Apr-15	10:00	08-Apr-15	17:00	Daily	For NTAMC work at Dehgam	ADANI	WR-II	C
532	400	500MVA ICT#3 at Navsari	08-Apr-15	10:00	08-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
533	765	765 KV Bus#1 at Indore	08-Apr-15	9:00	08-Apr-15	18:00	Daily	For Faulty CVT Replacement	PGCIL	WR-II	R
534	765	765KV JBP - Dharmjaygarh Reactor Line # 1 Reactor at Jabalpur Pooling Station	08-Apr-15	9:00	09-Apr-15	18:00	Continuous	Installation & Commissioning of CSD Relay	PGCIL	WR-II	C
535	400KV	BVT- Dhariwal & Dhariwal- Parli 400 KV D/C Tr. Line	8-Apr-15	8:00	13-Apr-15	18:00	daily basis	Hot line maintenance of remaining 9 no of towers. Outage not required only auto reclosure to be bypassed.	WRTS-I	Dhariwal Infrastructure Ltd.	
536	400	Chandrapur II-Chandrapur I Ckt-1	8-Apr-15	9.00	8-Apr-15	17.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay, Replacement of broken spacer cum vibration damper	MSETCL	MSETCL	
537	220	Ichhapore-Kawas-2	8-Apr-15	8:00	8-Apr-15	18:00	Daily	PMM work	PGCIL	GETCO	
538	400	ICT-2 at Khandwa	08-Apr-15	10:00	08-Apr-15	18:00	Daily	For NTAMC work at Khandwa	PGCIL	WR-II	C
539	220	Kala-Khadoli -1	08-Apr-15	8:00	08-Apr-15	20:00	Daily	For BCU testing and SCADA testing and hot spot attending works at Khadoli SS	DNH	WR-II	C
540	220	Kala-Khadoli -2	08-Apr-15	8:00	08-Apr-15	20:00	Daily	For BCU testing and SCADA testing and hot spot attending works at Khadoli SS	DNH	WR-II	C
541	220	Kalmeshwar Pandurna	8-Apr-15	9.00	8-Apr-15	17.00	Daily	Bay Maintenance work	MSETCL	MSETCL	
542	220	KAPS-UKAI-I	8-Apr-15	8:00	8-Apr-15	18:00	Daily	PM CKECK	PGCIL	NPCIL	
543	400	Koradi-Khaperkheda-II	8-Apr-15	9.00	8-Apr-15	17.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay	MSETCL	MSETCL	
544	400	Korba # 3 Tie Bay at Raipur SS	8/Apr/15	9:00	8/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
545	400	Main Bay Kotra - Raigarh Ckt # 2 at Kotra PS	8/Apr/15	8:00	8/Apr/15	20:00	Daily	AMP : 2015 - 16	WRTS-I	PGCIL-CG	R
546	220	Raigarh BAY 209 (BUS COUPLER) at Raigarh SS	8/Apr/15	9:00	8/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
547	765	Sipat 765KV ICT-1 Main Bay-1(ICT-1 S/d Not required)	8-Apr-15	7:30	8-Apr-15	19:00	Contino us	Annual Preventive maintenance	NTPC	NTPC	
548	765	Sipat#2 Main bay(712) at Bilaspur S/s	8/Apr/15	9:00	8/Apr/15	18:00	DAILY	For Tand Delta/Cap measurement of Grading Capacitor	WRTS-I	PGCIL-CG	R
549	400	Tie-Line-1(Vindhyachal-III to Vindhyachal-II)	8-Apr-15	09:00 hrs	13-Apr-15	18:00 hrs	Continued	LILO work (StageV)	NTPC	NTPC	
550	400	Varsana-Hadala line	8-Apr-15	9:00	8-Apr-15	18:00	Daily	For PMM Work	GETCO	GETCO	
551	400	Vindhyachal Korba Ckt -1	8-Apr-15	6:00	9-Apr-15	19:00	Continued	O/H crossing of 400KV D/C (Quad) Mahan Sipat line of M/s Essar Power Transmission Companly limited at location no. 124/0,125/0 and 27/0, 28/0	PGCIL	EPTCL	C
552	220	KAPS-VAV-CKT-1	08-Apr-15	0:00	08-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
553	765	Seoni-Wardha ckt 2 & 1	9-Apr-15	8:00	9-Apr-15	18:00	Daily	Shutdown required on both the lines for stringing aux bus at Seoni end	WRTS-I	WRTS-I	C
554	765	RAIPUR-WARDHA CKT 1	9-Apr-15	8:00	10-Apr-15	17:00	Daily	maintenance	WRTS-I	WRTS-I	C
555	765	BUS-II at Seoni SS	9-Apr-15	8:00	10-Apr-15	18:00	Daily	Commissioning of illumination system	WRTS-I	WRTS-I	C
556	220	220 KV MEHGAON - AURAIYA CKT	9/Apr/15	9:00	10/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
557	400	400 KV D/C Jabalpur-Itrasi Ckt-3 & 4	9-Apr-15	8:00	10-Apr-15	18:00	Continu ous	Crossing of 765 KV S/C Jabalpur-Bina Line(AP 10/1-AP 11)	PGCIL	JTCL	
558	400	400 KV ITARSI - BHOPAL - CKT- II	9/Apr/15	9:00	9/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
559	765	765 kv line Champa-Dharamjaygarh	9-Apr-15	8:00	10-Apr-15	18:00	Continu ous	Crossing of 765 KV D/C Dharamjaygarh-Jabalpur Line(AP3-AP4)	PGCIL	JTCL	
560	765	765KV BUS-2 at AURANGABAD(PG)	09-Apr-15	9:00	11-Apr-15	18:00	Conti.	erection of 709-89A and commissioning of 708 bay	WRTS-I	WRTS-I	C
561	765	765KV Raichur#1 LR at Solapur SS	9-Apr-15	9:00	11-Apr-15	18:00	DAILY	Fire fighting works and Bushing oil sample collection	WRTS-I	WRTS-I	R
562	400	Amreli-Jetpur-1	9-Apr-15	8:00	10-Apr-15	18:00	Daily	For PMM work	GETCO	GETCO	
563	400	Asoj - SSP	9-Apr-15	8:00	10-Apr-15	18:00	Daily	PMM work	GETCO	GETCO	
564	765	Bina Line Tie bay at Indore	09-Apr-15	9:00	09-Apr-15	18:00	Daily	AMP WORKS/ CT OIL Sampling	PGCIL	WR-II	R
565	400	Bus Reactor at Navsari	09-Apr-15	10:00	09-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
566	400	Bus Reactor-1 at Khandwa	09-Apr-15	10:00	09-Apr-15	18:00	Daily	For NTAMC work at Khandwa	PGCIL	WR-II	C
567	400	Korba # 4 Main Bay at Raipur SS	9/Apr/15	9:00	9/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
568	400	New Koyna-Jaigad-I	9-Apr-15	9.00	9-Apr-15	17.00	Daily	Bay Maintenance work	MSETCL	MSETCL	
569	400	Parli- Chandrapur II Ckt-1	9-Apr-15	9.00	9-Apr-15	17.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay, Replacement of broken spacer cum vibration damper	MSETCL	MSETCL	
570	400	Raigarh BAY 413 (Sundergarh-2) at Raigarh SS	9/Apr/15	9:00	9/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
571	765	Seoni- Bilaspur -II (Tie bay 717) at Seoni	9-Apr-15	8:00	10-Apr-15	18:00	Daily	AMP works (DCRM & Timing test of CB)	WRTS-I	WRTS-I	R
572	400	Tie-Line-2(Vindhyachal-III to Vindhyac	9-Apr-15	09:00 hrs	14-Apr-15	18:00 h	Continu	LILo work (StageV)	NTPC	NTPC	
573	400	Vadavi-Chorania 1	9-Apr-15	8:00	9-Apr-15	18:00	Daily	PMM work	WRTGPL	GETCO	
574	220	KAPS-VAPI-CKT-1	09-Apr-15	8:00	09-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	
575	220	KAPS-VAV -II	10-Apr-15	8:00	10-Apr-15	20:00	Daily	PM CKECK	PGCIL	NPCIL	
576	220	220 KV PITHAMPUR - RAJGARH PG CKT - I	10/Apr/15	9:00	10/Apr/15	16:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
577	400	315 MVA 400/220 KV ICT-1 AT SATNA	10-Apr-15	10:00	10-Apr-15	17:00	DAILY	For annual maintenace work and attending hot spot	PGCIL	WR-II	R
578	400	400 KV Bus 1 & unit 50 at CGPL	10-Apr-15	8AM	10-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(2 Nos) Bus -1 Gantry to Tie gantry	PGCIL	CGPL	

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
579	400	400 KV S/S BINA - JP BPSCL	10/Apr/15	9:00	10/Apr/15	17:00	daily	MAINTENANCE WORK ON FEEDER BAYS AT 400KV S/S END	MPPTCL	MPPTCL	R
580	400	50 MVAR BUS REACTOR - AT400 KV S/S PITHAMPUR	10/Apr/15	9:00	10/04/2015	17:00	daily	DETAILED TESTING AND MAINTENANCE OF BUS REACTOR	MPPTCL	MPPTCL	R
581	765	765 KV Bus#1 at Indore	10-Apr-15	9:00	10-Apr-15	18:00	Daily	Busbar integration of 714 Bay	PGCIL	WR-II	R
582	765	765KV Bus Reactor at Solapur SS	10-Apr-15	9:00	12-Apr-15	18:00	DAILY	Fire fighting works and Bushing oil sample collection	WRTS-I	WRTS-I	C
583	765	765KV JBP - BINA # 3 Line Reactors (Main & Tie Bay) at Jabalpur Pooling Station	10-Apr-15	9:00	11-Apr-15	18:00	Continuous	Installation & Commissioning of CSD Relay	PGCIL	WR-II	C
584	400	Akola-Indiabull	10-Apr-15	9.00	10-Apr-15	17.00	Daily	Bay Maint. Work & diagnostic Testing of reactor, CB, CT & relay	MSETCL	MSETCL	
585	765	Bus reactor Main Bay at Indore	10-Apr-15	9:00	10-Apr-15	18:00	Daily	AMP WORKS/ CT OIL Sampling	PGCIL	WR-II	R
586	400	Bus Reactor-2 at Khandwa	10-Apr-15	10:00	10-Apr-15	18:00	Daily	For NTAMC work at Khandwa	PGCIL	WR-II	C
587	400	Kalwa-Talegaon(PGCIL)	10-Apr-15	9.00	10-Apr-15	17.00	Daily	Diagnostic Testing of reactor, CB, CT & relay	MSETCL	MSETCL	
588	220	Kawas Navsari#1	10-Apr-15	10:00	10-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
589	400	Korba # 3 Main Bay at Raipur SS	10/Apr/15	9.00	10/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
590	400	Korba- Bhatapara S/C	10/Apr/15	8.00	11/Apr/15	18.00	Continuous	For construction of 765KV D/C Dharanjaigarh (Korba)-Jabalpur Transmission Line (Part-I)	WRTS-I	PGCIL-CG	C
591	400	Korba Bus Sectionalizer	10-Apr-15	08:30 hrs	28-Apr-15	17:30 H	Continuous	400KV Breaker & CT replacement	NTPC	NTPC	
592	400	S/C Koradi - Chandrapur T/L	10-Apr-15	8:00	11-Apr-15	18:00	Continuous	Power line crossing work of 765kV D/C Raipur - Wardha Tr. Line-2 (Crossing span of 765kV line is between AP 93-AP 94 & 400kV line tower nos. is 205&206)	WRTS-I	MSETCL	C
593	765	Sipat#2 Tie bay(711) at Bilaspur S/s	10/Apr/15	9:00	11/Apr/15	18:00	DAILY	For AMP work	WRTS-I	PGCIL-CG	R
594	400	Tie Bay Kotra - Raigarh Ckt # 2 at Kotra PS	10/Apr/15	8:00	10/Apr/15	20:00	Daily	AMP : 2015 - 16	WRTS-I	PGCIL-CG	R
595	400	TIE bay Sundergarh 2-Bus reactor at Raigarh SS	10/Apr/15	9:00	10/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
596	220	KAPS-VAV-CKT-2	10-Apr-15	8:00	10-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	
597	765	RAIPUR-WARDHA CKT 2	11-Apr-15	8:00	13-Apr-15	17:00	Daily	Rectification of line construction defects	WRTS-I	WRTS-I	C
598	220	KAPS-VAPI-II	11-Apr-15	8:00	11-Apr-15	20:00	Daily	PM CKECK	PGCIL	NPCIL	
599	400	315 MVA 400/220 KV ICT-2 AT SATNA	11-Apr-15	10:00	11-Apr-15	17:00	DAILY	For annual maintenace work	PGCIL	WR-II	R
600	400	400 KV Bus 1 & unit 50 at CGPL	11-Apr-15	8AM	11-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(2 Nos) Bus -1 Gantry to Tie gantry	PGCIL	CGPL	
601	765	765KV Pune LR at Solapur SS	11-Apr-15	9:00	14-Apr-15	18:00	DAILY	Fire fighting works and Bushing oil sample collection	WRTS-I	WRTS-I	C
602	400	Amreli-Chorania	11-Apr-15	8:00	11-Apr-15	18:00	Daily	For PMM work	GETCO	GETCO	

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
603	765	Bus reactor Tie Bay at Indore	11-Apr-15	9:00	11-Apr-15	18:00	Daily	AMP WORKS/ CT OIL Sampling	PGCIL	WR-II	R
604	400	Bhatapara main Bay (408) at Raipur SS	11/Apr/15	9:00	11/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
605	765	Bina-Jabalpur (Pool)# 1	11-Apr-15	9:00	11-Apr-15	19:00	Daily	Rectification work of balance constructional defect of line by M/S KPTL & AMP of terminal equipment & associated bay equipment and rectification of line defects at Pooling station ,Jabalpur.	PGCIL	WR-II	C
606	400	Ch' pur 3 Main(Old Korba-4 main) at Raipur SS	11/Apr/15	9:00	11/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
607	400	Dhule Sar'Sarovar I	11-Apr-15	9.00	11-Apr-15	18.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay,	MSETCL	MSETCL	
608	400	Indore-Indore 1	11-Apr-15	9:00	13-Apr-15	18:00	Cont.	To remove jumpers and charged to Indore- Indore1	PGCIL	WR-II	C
609	765	Ind-vadodara line(400kv Ind - Asoj #3)	11-Apr-15	9:00	17-Apr-15	18:00	Cont.	For construction purpose 400KV to 765KV& testing of dist relay in 715 Bay of vadodara line	PGCIL	WR-II	C
610	220	Kawas Navsari#2	11-Apr-15	10:00	11-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
611	400	Raigarh BAY 415 (125 Bus Reactor) at Raigarh SS	11/Apr/15	9:00	11/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
612	400	Seoni- Khandwa Main Bay (421) at Seoni	11-Apr-15	8:00	11-Apr-15	18:00	Daily	AMP works (DCRM & Timing test of CB)	WRTS-I	WRTS-I	R
613	220	KAPS-VAPI-CKT-2	11-Apr-15	8:00	11-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	
614	400	400KV Raipur - Bhadravati # 3	12/Apr/15	9:00	12/Apr/15	17:00	Daily	For NTAMC RTU Works	WRTS-I	PGCIL-CG	R
615	400	400 KV Bus 1 & unit 50 at CGPL	12-Apr-15	8AM	12-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(2 Nos) Bus -1 Gantry to Tie gantry	PGCIL	CGPL	
616	765	Jabalapur-Bina#2	12-Apr-15	9:00	12-Apr-15	17:00	Daily	Rectification work of balance constructional defect of line by M/S KPTL.	PGCIL	WR-II	C
617	220	Navsari Navsari#1	12-Apr-15	10:00	12-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
618	220	KAPS-UKAI-CKT-1	12-Apr-15	8:00	12-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	
619	400	400 KV D/C KORBA WEST KHEDAM	13-Apr-15	8:00	14-Apr-15	18:00	Continu ous	Crossing of 765 KV D/C Dharamjaygarh-Jabalpur Line(AP54B/0-AP55/0)	CSPTCL	JTCL	
620	400	400KV Bus Reactor # 2 (Main & Tie Bay) at Jabalpur Pooling Station	13-Apr-15	9:00	14-Apr-15	18:00	Continu ous	Installation & Commissioning of CSD Relay	PGCIL	WR-II	C
621	400	400kv D/C Bilaspur-ABCIL	13/04/2015	9:00	14/04/2015	17:00	Continuo	For construction of 765KV D/C Dharanjaigarh (Korba)-Jabalpur Transmission Line	ABCIL	POWERGRID-C	
622	400	400KV Kolhapur#1 line at Solapur SS	13-Apr-15	9:00	16-Feb-15	18:00	DAILY	CSD commissioning works	WRTS-I	WRTS-I	C
623	400	Akola-Aurangabad # 1	13-Apr-15	9:00	15-Apr-15	18:00	Conti.	Commissioning of L/Reactor at Aurangabad	WRTS-I	WRTS-I	C

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
624	765	Bhopal Tie Bay at Indore	13-Apr-15	9:00	13-Apr-15	18:00	Daily	AMP WORKS/ CT OIL Sampling	PGCIL	WR-II	R
625	400	CGPL Mundra Bhachau-2 & unit 50	13-Apr-15	8AM	13-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to Tie gantry	PGCIL	CGPL	
626	400	Jindal-1 Main at Raipur SS	13/Apr/15	9:00	13/Apr/15	17:00	Daily	For AMP Work	WRTS-I	PGCIL-CG	R
627	400	Karad-Talendge-II	13-Apr-15	9.00	13-Apr-15	17.00	Daily	Replacement of faulty insulator string	MSETCL	MSETCL	
628	220	Khandwa-Nepanagar	13-Apr-15	10:00	13-Apr-15	18:00	Daily	For NTAMC work at Khandwa	MPPTCL	WR-II	C
629	765	Korba Line Main bay(716)at Bilaspur s/s	13/Apr/15	9:00	13/Apr/15	18:00	DAILY	For AMP work	WRTS-I	PGCIL-CG	R
630	220	Navsari Navsari#2	13-Apr-15	10:00	13-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
631	400	Raigarh BAY 416 (Sterlite-2) at Raigarh SS	13/Apr/15	9:00	13/Apr/15	17:00	Daily	AMP	WRTS-I	PGCIL-CG	R
632	765	Ranchi - Dharamjaygarh - 1	13-Apr-15	7:00	19-Apr-15	18:00	Continuous	FR RECTIFICATION OF LOCATION NO 50/0 WHICH MEMBER HAS BEE CUT AND IS IN BEND CONDITION DUE TO NAXALITE EFFECT	POWERGRID	WRPC ERPC	
633	400	Seoni- Khandwa Tie Bay (420) at Seoni	13-Apr-15	8:00	13-Apr-15	18:00	Daily	AMP works (DCRM & Timing test of CB)	WRTS-I	WRTS-I	R
634	400	SSP - Raigarh - 1	13-Apr-15	8:00	15-Apr-15	18:00	Daily	PMM work	GETCO	GETCO	
635	765	VCHAL-1 MAIN BAY (713) AT SATNA	13-Apr-15	9:00	13-Apr-15	18:00	DAILY	For annual maintenace work	PGCIL	WR-II	R
636	765	RAIPUR-WARDHA CKT 1	14-Apr-15	8:00	16-Apr-15	17:00	Daily	Rectification of line construction defects	WRTS-I	WRTS-I	C
637	400	315MVA XMER - I I AT400 KV S/S PITHAMPUR	14/Apr/15	9:00	15/Apr/15	17:00	daily	DETAILED TESTING AND MAINTENANCE OF TRANSFORMER &TRANSFORMER BAYS	MPPTCL	MPPTCL	R
638	400	400KV Kolhapur#2 line at Solapur SS	14-Apr-15	9:00	17-Feb-15	18:00	DAILY	CSD commissioning works	WRTS-I	WRTS-I	C
639	220	Bhilad - TAPS	14-Apr-15	9:00	14-Apr-15	18:00	Daily	PMM work	GETCO	GETCO	
640	400	Bus Coupler at Navsari	14-Apr-15	10:00	14-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
641	400	CGPL Mundra Bhachau-2 & unit 50	14-Apr-15	8AM	14-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to Tie gantry	PGCIL	CGPL	
642	400	Kasor - SSP	14-Apr-15	8:00	14-Apr-15	18:00	Daily	PMM work	GETCO	GETCO	
643	400	Kosamba Ukai 2	14-Apr-15	9:00	14-Apr-15	18:00	Daily	For PMM work	GETCO	GETCO	
644	400	Raigarh BAY 417 (Tie bay) at Raigarh SS	14/Apr/15	9:00	14/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
645	765	Sipat 765KV ICT-2 Main Bay-6(ICT-2 S/d Not required)	14-Apr-15	7:30	15-Apr-15	19:00	Continuous	Annual Preventive maintenance	NTPC	NTPC	
646	400	Warora-Adani(Tiroda)-II	14-Apr-15	9.00	14-Apr-15	18.00	Daily	Bay Maintenance work	MSETCL	MSETCL	
647	220	KAPS-VAV-CKT-1	14-Apr-15	8:00	16-Apr-15	20:00	Continuous	Bay PM checks & CB servicing	NPCIL	KAPS 1&2	

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
648	400	DCDS Raikheda-Medesara Quad Line , 11/0(DC+0) & 11/1(DA+0)	15/Apr/15	8:00	16/Apr/15	17:00	Daily	Construction of 400KV Raita-Jagdalpur Line. Location : AP 7/0 (FD-60+30) & AP 8/0 (FD-60+30)	PGCIL	CSPTCL	
649	400	400 KV S/S BHOPAL - 400 KV BUS - I	15/Apr/15	9:00	15/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
650	400	400KV Raipur - Bhilai # 1	15/Apr/15	9:00	15/Apr/15	17:00	Daily	For NTAMC RTU Works	WRTS-I	PGCIL-CG	R
651	765	765KV Bus Reactor # 1 (Main & Tie Bay) at Jabalpur Pooling Station	15-Apr-15	9:00	16-Apr-15	18:00	Continuous	Installation & Commissioning of CSD Relay	PGCIL	WR-II	C
652	765	AT # 1 AT Seoni SS	15-Apr-15	8:00	16-Apr-15	18:00	Continuous	Replacement of 390 KV LA with 336 KV LA.	WRTS-I	WRTS-I	C
653	765	Bay 712 at Indore	15-Apr-15	9:00	15-Apr-15	18:00	Daily	AMP WORKS/ CT OIL Sampling	PGCIL	WR-II	R
654	220	Bus Coupler at Navsari	15-Apr-15	10:00	15-Apr-15	18:00	Daily	For NTAMC work at Navsari	PGCIL	WR-II	C
655	400	CGPL Mundra Limdi 1 & Unit 50	15-Apr-15	8AM	15-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to line gantry	PGCIL	CGPL	
656	765	ICT#3 Main Bay(718) at Bilaspur S/s	15/Apr/15	9:00	15/Apr/15	18:00	DAILY	ForTan Delta/cap measurement of Br Grading Capacitor	WRTS-I	PGCIL-CG	R
657	220	Khandwa-Omkareshwer	15-Apr-15	10:00	15-Apr-15	18:00	Daily	For NTAMC work at Khandwa	MPPTCL	WR-II	C
658	400	Koradi Il-koradi	15-Apr-15	9.00	15-Apr-15	17.00	Daily	Faulty Insulator replacement work	MSETCL	MSETCL	
659	220	Korba-Mopka D/C Line	15/Apr/15	8.00	16/Apr/15	18.00	Continuous	For construction of 765KV D/C Dharanjaigarh (Korba)-Jabalpur Transmission Line (Part-I)	CSPTCL	PGCIL-CG	C
660	400	Raigarh BAY 418 (Future bay)	15/Apr/15	9:00	15/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
661	400kV	Raipur-Durg P.S	15/Apr/15	9.00	17/Apr/15	18.00	Daily	A/R non auto mode for Additional Earthing work on lines.	WRTS-I	PGCIL-CG	C
662	220	Vapi - TAPS	15-Apr-15	9:00	15-Apr-15	18:00	Daily	PMM work	GETCO	GETCO	
663	765	VCHAL-1 TIE BAY (714) AT SATNA	15-Apr-15	9:00	15-Apr-15	18:00	DAILY	For annual maintenace work	PGCIL	WR-II	R
664	220	220 KV PITHAMPUR - RAJGARH PG CKT - II	16/Apr/15	9:00	16/Apr/15	16:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
665	400	400 KV BIRSINGPUR - KATNI CKT - II	16/Apr/15	9:00	16/Apr/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
666	400	400 KV S/S BHOPAL - 400 KV BUS - II	16/Apr/15	9:00	16/Apr/15	17:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
667	400	400KV Bus Reactor at Solapur	16-Apr-15	9:00	18-Apr-15	18:00	DAILY	CSD commissioning works	WRTS-I	WRTS-I	C
668	765	765KV ICT # 2 at Jabalpur Pooling Station	16-Apr-15	9:00	16-Apr-15	18:00	Daily	ICT Spare Phase Swaping with ICT # 2 R Phase	PGCIL	WR-II	C
669	400	CGPL Mundra Limdi 1 & Unit 50	16-Apr-15	8AM	16-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to line gantry	PGCIL	CGPL	
670	400	D/C Parli-Shrikrapur	16-Apr-15	8:00	18-Apr-15	18:00	Continuous	maintenace works	WRTMPL	WRTMPL	
671	765	GWALIOR-2 MAIN BAY (715) AT SATNA	16-Apr-15	9:00	16-Apr-15	18:00	DAILY	For annual maintenace work	PGCIL	WR-II	R
672	220	Khandwa-Chhegaon-2	16-Apr-15	10:00	16-Apr-15	18:00	Daily	For NTAMC work at Khandwa	MPPTCL	WR-II	C
673	400	Raigarh BAY 419 (RKM-1)	16/Apr/15	9:00	16/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
674	400	SSP - Rajgarh - 2	16-Apr-15	8:00	18-Apr-15	18:00	Daily	PMM work	GETCO	GETCO	
675	400	TCSC - 1 at Raipur SS	16/Apr/15	9:00	18/Apr/15	17:00	Continuo	For AMP Work	WRTS-I	PGCIL-CG	R
676	400	Raipur - Bhadrawati # 2 (419)	17/Apr/15	9:00	17/Apr/15	17:00	Daily	For attending HOT - Spot at wap Trap - Dropper Conductor Joints	WRTS-I	PGCIL-CG	R
677	765	RAIPUR-WARDHA CKT 2	17-Apr-15	8:00	19-Apr-15	17:00	Daily	maintenance	WRTS-I	WRTS-I	C
678	400	D/C Warora - Wardha T/L	17-Apr-15	8:00	18-Apr-15	18:00	Continio us	Power line crossing work of 765kV D/C Raipur - Wardha Tr. Line-2 (Crossing span of 765kV line is between AP 130-AP 131 & 400kV line tower nos. is 192&193)	WRTS-I	MSETCL	C
679	400	DC Raigarh-Raipur (I&II) BETWEEN locations 112 (DA+3) & 113 (DA+0)	17/Apr/15	8:00	18/Apr/15	17:00	Daily	400 KV Raita (Raipur)-Jagdalpur Line (U/C). Location: AP 10/0 (FD-60+30) & AP 11/0 (FD-60+30)	PGCIL	CSPTCL	
680	220	220 KV BADOD - KOTA CKT	17/Apr/15	6:00	17/Apr/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
681	400	400 KV DAMOH - KATNI - CKT	17/Apr/15	9:00	17/Apr/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R
682	400	400 KV DC Raigarh-Raipur (I&II) BETWEEN locations 112 (DA+3) & 113 (DA+0)	17-Apr-15	8:00	18-Apr-15	17:00	Daily	400 KV Raita (Raipur)-Jagdalpur Line (U/C). Location: AP 10/0 (FD-60+30) & AP 11/0 (FD-60+30)	PGCIL	CSPTCL	C
683	400	400 KV S/S BHOPAL - 400 KV BDTCL - I	17/Apr/15	9:00	17/Apr/15	17:00	daily	MAINTENANCE WORK ON FEEDER BAYS AT 400KV S/S END	MPPTCL	MPPTCL	R
684	400	400KV Bus # 2 at Jabalpur Pooling Station	17-Apr-15	9:00	18-Apr-15	18:00	Continuo us	Erection/Jumper with Isolators for 400KV Bay No.: 413 of Jhabua Power Bays	PGCIL	WR-II	C
685	400	Babhaleshwar-Padgha-1	17-Apr-15	9.00	17-Apr-15	17.00	Daily	Bay Maint. Work & dignostic Testing of reactor, CB, CT & relay	MSETCL	MSETCL	
686	765	Bus reactor (Tie bay 714) at Seoni	17-Apr-15	8:00	18-Apr-15	18:00	Daily	AMP works (Timing test of CB)	WRTS-I	WRTS-I	R
687	400	CGPL Mundra Jetpur 1 & Unit 50	17-Apr-15	8AM	17-Apr-15	6PM	Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to line gantry	PGCIL	CGPL	
688	765	GWALIOR-2 REACTOR BAY (715R) AT SATNA	17-Apr-15	9:00	17-Apr-15	18:00	DAILY	For annual maintenace work	PGCIL	WR-II	R
689	220	Halдарwa Kawas-1	17-Apr-15	9:00	17-Apr-15	18:00	Daily	PMM work	PGCIL	GETCO	
690	220	Khandwa-Chhegaon-1	17-Apr-15	10:00	17-Apr-15	18:00	Daily	For NTAMC work at Khandwa	MPPTCL	WR-II	C
691	400	Raigarh BAY 420 (TIE RKM & KOTRA-1) at Raigarh SS	17/Apr/15	9:00	17/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
692	400	Sipat 400KV Ranchi-1 Main Bay 18(Line S/D not required)	17-Apr-15	7:30	18-Apr-15	19:00	Contino us	Annual Preventive maintenance	NTPC	NTPC	
693	400	Vadavi-Chorania 2	17-Apr-15	8:00	17-Apr-15	18:00	Daily	PMM work	WRTGPL	GETCO	
694	220	KAPP-HALDARVA-CKT-1	17-Apr-15	8:00	17-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	
695	765	RAIPUR-WARDHA CKT 1	18-Apr-15	8:00	20-Apr-15	17:00	Daily	maintenance	WRTS-I	WRTS-I	C
696	220	220 KV BADOD - MODAK CKT	18/Apr/15	6:00	18/Apr/15	18:00	daily	MAINTENANCE WORK	MPPTCL	MPPTCL	R

SN	KV	Line	From		To		Basis	Reason	System	Agency	type
			Date	Time	Date	Time					
697	400	400 KV S/S BHOPAL - 400 KV BDTCL - II	18/Apr/15	9:00	18/Apr/15	17:00	daily	MAINTENANCE WORK ON FEEDER BAYS AT 400KV S/S END	MPPTCL	MPPTCL	R
698	400	ACBIL Main bay(413) at Bilaspur s/s	18/Apr/15	9:00	18/Apr/15	18:00	DAILY	For AMP work	WRTS-I	PGCIL-CG	R
699	400						Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to line gantry	PGCIL	CGPL	
		CGPL Mundra Jetpur 1 & Unit 50	18-Apr-15	8AM	18-Apr-15	6PM					
700	400	Dhule Sar'Sarovar II	18-Apr-15	9.00	18-Apr-15	19.00	Daily	Bay Maintenance work	MSETCL	MSETCL	
701	400	Raigarh BAY 421 (KOTRA-1) at Raigarh SS	18/Apr/15	9:00	18/Apr/15	18:00	Daily	AMP	WRTS-I	PGCIL-CG	R
702	400	RAIPUR-WARDHA I	18-Apr-15	9:00	19-Apr-15	18:00	Daily	Stringing work of broken earth wire at location 549, 550. & to attend clearance between earth wire & conductor.	WRTS-I	WRTS-I	R
703	220	S/C Korba Bishrampur	18-Apr-15	6:00	19-Apr-15	19:00	Continued	O/H crossing of 400KV D/C (Quad) Mahan Sipat line of M/s Essar Power Transmission Companly limited at location no. 134B/0,134C/0 and 142A/0, 142B/0	CSPTCL	EPTCL	C
704	400	Soja - Kansari	18-Apr-15	8:00	18-Apr-15	18:00	Daily	line Jumper & Disc cleaning (washing)	GETCO	GETCO	
705	220	KAPP-HALDARVA-CKT-2	18-Apr-15	8:00	18-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	
706	765	AT # 1 Main Bay AT Seoni SS (712)	19-Apr-15	8:00	20-Apr-15	18:00	Daily	AMP works (Timing test of CB)	WRTS-I	WRTS-I	R
707	220	Haladarwa Kawas-2	19-Apr-15	9:00	19-Apr-15	18:00	Daily	PMM work	PGCIL	GETCO	
708	400	Korba- Raipur TL D/C- Ckt-3 & 4	19/Apr/15	8.00	20/Apr/15	18.00	Continued	For construction of 765KV D/C Dharanjaigarh (Korba)-Jabalpur Transmission Line (Part-I)	WRTS-I	PGCIL-CG	C
709	220	KAPS-VAV-CKT-2	19-Apr-15	8:00	19-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	
710	220	KAPS-VAPI-I	20-Apr-15	8:00	20-Apr-15	20:00	Daily	PM CKECK	PGCIL	NPCIL	
711	400						Daily	Porcelain Tension insulator replacement with polymer insulator(3 Nos) Bus -2 Gantry to Line gantry	PGCIL	CGPL	
		CGPL Mundra Jetpur 2 & unit 40	20-Apr-15	8AM	20-Apr-15	6PM					
712	400	FSC 1 at Raipur SS	20/Apr/15	9:00	22/Apr/15	17:00	Continued	For AMP Work	WRTS-I	PGCIL-CG	R
713	400KV	Jhanor-Navsari 1	20-Apr-15	8:00	21-Apr-15	18:00	Continous	Annual Bay Maintenance	NTPC	NTPC	
714	400	MCCPL Main bay(416) at Bilaspur s/s	20/Apr/15	9:00	20/Apr/15	18:00	DAILY	For AMP work	WRTS-I	PGCIL-CG	R
715	400	RAIPUR-WARDHA II	20-Apr-15	9:00	20-Apr-15	18:00	Daily	To attend clearance between earth wire & conductor.	WRTS-I	WRTS-I	R
716	220	KAPS-VAPI-CKT-1	20-Apr-15	8:00	20-Apr-15	20:00	Daily	Bay PM checks	NPCIL	KAPS 1&2	

मार्च 2015 और अप्रैल 2015 माह के लिये अपेक्षित मांग एवं ऊर्जा की आवश्यकता

ANTICIPATED DEMAND AND ENERGY REQUIREMENT FOR MARCH 2015 AND APRIL 2015

राज्य	State	मांग DEMAND मेगावाट (MW)		ऊर्जा की आवश्यकता ENERGY REQUIREMENT मिलियन युनिट्स (MUs)	
		मार्च 2015 MARCH 2015	अप्रैल 2015 APRIL 2015	मार्च 2015 MARCH 2015	अप्रैल 2015 APRIL 2015
1 गुजरात	<u>GUJARAT</u>				
सीमित	RESTRICTED	13500	14100	8390	8450
असीमित	UNRESTRICTED	13540	14140	8400	8460
2 मध्य प्रदेश	<u>MADHYA PRADESH</u>				
सीमित	RESTRICTED	8801	8032	5645	5183
असीमित	UNRESTRICTED	8801	8032	5645	5183
3 छत्तीसगढ़	<u>CHHATISGARH</u>				
सीमित	RESTRICTED	3350	3400	1926	2100
असीमित	UNRESTRICTED	3450	3480	1980	2150
4 महाराष्ट्र	<u>MAHARASHTRA</u>				
सीमित	RESTRICTED	20200	20500	12300	12400
असीमित	UNRESTRICTED	20250	20550	12350	12450
5 गोवा	<u>GOA</u>				
सीमित	RESTRICTED	400	405	285	290
असीमित	UNRESTRICTED	410	410	290	295
6 दमन दीव	<u>DD</u>				
सीमित	RESTRICTED	300	315	205	190
असीमित	UNRESTRICTED	305	320	210	195
7 डी एन एच	<u>DNH</u>				
सीमित	RESTRICTED	635	615	450	455
असीमित	UNRESTRICTED	640	620	460	460
8 पश्चिम क्षेत्र	<u>WESTERN REGION</u>				
सीमित	RESTRICTED	45214	45387	27000	28000
असीमित	UNRESTRICTED	45573	45723	27150	28500

माह फरवरी 2015 की योजनाबद्ध बनाम वास्तविक उत्पादन एवं उपलब्धता

ACTUAL GENERATION & AVAILABILITY FOR FEBRUARY 2015

क्रमांक Sr. No.	स्टेशन का नाम Station Name	Schedule योजना		Actual वास्तविक		Auxillary Consumption (Gwh)
		ऊर्जा Energy (Gwh)	चरम Peak (Mw)	ऊर्जा Energy (Gwh)	चरम Peak (Mw)	
क (A) गुजरात GUJARAT						
जलीय HYDRO						
1.	उकई Ukai - 1			22.56	75	
	उकई Ukai - 2			0.00	0	
	उकई Ukai - 3			20.72	75	
	उकई Ukai - 4			0.00	0	
	उकई Ukai (Total)	42	150	43.28	152	0.000
2.	उकई एल बी सी एच Ukai LBCH - 1			1.47	2	
	उकई एल बी सी एच Ukai LBCH - 2			0.00	0	
	उकई एल बी सी एच Ukai LBCH (Total)	2	3	1.47	3	0.024
3.	कडाना Kadana - 1			8.02	60	0.000
	कडाना Kadana - 2			3.37	60	0.000
	कडाना Kadana - 3			0.00	0	
	कडाना Kadana - 4			8.15	60	0.013
	कडाना Kadana (Total)	16	120	19.53	60	0.013
4.	पनम PANAM & Madhuban Dam 1 & 2	0	0	5.22	1	0.012
6.	कुल जलीय TOTAL(H)	60	273	69.51	225	0.361
तापीय THERMAL						
1	टोरेन्ट पावर लिमिटेड युनिट सी	42	60	33.06	58	3.278
2	टोरेन्ट पावर लिमिटेड युनिट डी	85	120	69.92	124	5.742
3	टोरेन्ट पावर लिमिटेड युनिट ई	0	0	73.98	123	5.875
4	टोरेन्ट पावर लिमिटेड युनिट एफ	74	121	75.46	124	6.287
5	टोरेन्ट पावर लिमिटेड युनिट जी टी 1			0.00	0	
6	टोरेन्ट पावर लिमिटेड युनिट जी टी 2	0	0	0.00	0	
7	टोरेन्ट पावर लिमिटेड युनिट एस टी जी			0.00	0	
8	धुवरन तापीय Dhuvaran - 5	0	0	0.00	0	0.000
9	धुवरन तापीय Dhuvaran - 6	0	0	0.00	0	0.000
10	धुवरन तापीय Dhuvaran - GT 1			0.00	0	1.001
11	धुवरन तापीय Dhuvaran - GT 2	0	0	0.00	0	0.421
12	धुवरन तापीय Dhuvaran - STG			8.53	98	
13	उकाई युनिट 1 Ukai -1	70	100	0.00	0	0.132
14	उकाई युनिट 2 Ukai -2	70	100	0.00	0	0.132
15	उकाई युनिट 3 Ukai -3	36	200	104.27	201	9.570
16	उकाई युनिट 4 Ukai -4	140	200	106.27	202	10.513
17	उकाई युनिट 5 Ukai -5	19	50	0.00	0	0.474
18	उकाई युनिट 6 Ukai -6			137.61	502	13.074
19	गांधीनगर 1 Gandhinagar - 1	70	100	0.00	0	0.100
20	गांधीनगर 2 Gandhinagar - 2	70	100	0.00	0	0.067
21	गांधीनगर 3 Gandhinagar - 3	136	210	112.56	213	10.713
22	गांधीनगर 4 Gandhinagar - 4	145	210	87.32	212	9.236
23	गांधीनगर 5 Gandhinagar - 5	37	210	122.03	212	12.036
24	वाणकवौरी 1 Wanakbori - 1	0	0	4.85	205	0.000
25	वाणकवौरी 2 Wanakbori - 2	145	210	118.48	211	
26	वाणकवौरी 3 Wanakbori - 3	145	210	107.87	210	
27	वाणकवौरी 4 Wanakbori - 4	89	150	76.74	210	
28	वाणकवौरी 5 Wanakbori - 5	145	210	61.54	210	
29	वाणकवौरी 6 Wanakbori - 6	145	210	68.93	210	
30	वाणकवौरी 7 Wanakbori - 7	145	210	113.62	211	
31	उत्तरन Utran GT 1	0	0	0.00	0	0.189
32	उत्तरन Utran GT 2	0	0	0.00	0	0.000
33	उत्तरन UTRAN - GT- 3	0	0	0.00	0	0.000
34	उत्तरन UTRAN - GT-4	0	0	0.00	0	0.548
35	उत्तरन UTRAN - STG-I	0	0	0.00	0	0.000
36	उत्तरन UTRAN - STG-II	0	0	0.00	0	0.000

क्रमांक Sr. No.	स्टेशन का नाम Station Name	Schedule योजना		Actual वास्तविक		Auxillary Consumption (Gwh)
		ऊर्जा Energy (Gwh)	चरम Peak (Mw)	ऊर्जा Energy (Gwh)	चरम Peak (Mw)	
37	सिकका Sikka - 1	70	110	51.98	112	5.620
38	सिकका Sikka - 2	70	110	4.40	98	0.735
39	कच्छ लिग्नाईट Kutch Lignite - 1	45	70	36.75	71	7.350
40	कच्छ लिग्नाईट Kutch Lignite - 2	45	70	23.51	71	
41	कच्छ लिग्नाईट Kutch Lignite - 3	47	75	30.16	58	
42	कच्छ लिग्नाईट Kutch Lignite - 4	0	0	33.80	53	6.958
43	सूरत लिग्नाईट Surat Lignite - 1	172	240	0.00	0	0.138

44	सूरत लिग्नाईट Surat Lignite - 2	173	240	71.44	130	6.907
45	सूरत लिग्नाईट Surat Lignite - 3			69.09	129	6.342
46	सूरत लिग्नाईट Surat Lignite - 4			72.71	129	7.278
47	एक्रीमोटा लिग्नाईट Akrimota Lignite - 1			48.94	102	7.350
48	एक्रीमोटा लिग्नाईट Akrimota Lignite - 2	60	100	65.49	106	
49	जी आई पी सी एल GIPCL GT - 1			12.36	32	0.000
50	जी आई पी सी एल GIPCL GT - 2			15.12	34	
51	जी आई पी सी एल GIPCL GT - 3	95	140	2.59	32	
52	जी आई पी सी एल GIPCL ST - 1			17.75	44	
53	जी आई पी सी एल GIPCL GT - 4	95	140	0.00	0	0.000
54	जी आई पी सी एल GIPCL ST - 2			0.00	0	
55	ई एस एस ए आर ESSAR GT - 1			0.00	0	0.186
56	ई एस एस ए आर ESSAR GT - 2			0.00	0	
57	ई एस एस ए आर ESSAR GT - 3	350	480	0.00	0	
58	ई एस एस ए आर ESSAR STG			0.00	0	
59	जी पी ई सी GPEC GT - 1			0.36	141	0.081
60	जी पी ई सी GPEC GT - 2	430	600	2.14	157	0.049
61	जी पी ई सी GPEC GT - 3			8.45	154	0.144
62	जी पी ई सी GPEC STG			2.29	152	
63	जी एस ई जी GSEG GT - 1			5.60	52	0.703
64	जी एस ई जी GSEG GT - 2	90	150	2.76	49	
65	जी एस ई जी GSEG STG			4.41	33	
66	Sugen (GT 1 + GT 2)	0	0	192.13	353	6.179
67	सीपीपी से आयात Imp from CPP+MUNDRA	50	100	1336.02	1856	
	कुल तापीय Total (T)	5277	7992	3593.32	11450	342.357
	कुल जलीय+तापीय Total (H+T)	6130	9359	3662.82	11668	342.718
	विंड इनर्जी Wind Energy			487.58		
	कुल जलीय+तापीय+हवा Total (H+T+Wind)			4150.40	12418	
	विनिमय Exchanges		(+)	3435.20		
	सीमित ऊर्जा मांग Restricted Energy Req.	7290		7585.60		
ख (B) MADHYA PRADESH मध्य प्रदेश						
	जलीय HYDRO					
1	चम्बल परि Chambal Pr.(50%share)	50	114	80.58	194	
1.1	गांधी सागर Gandhi Sagar			54.20	116	0.120
1.2	राणा प्रताप सागर R.P.Sagar			62.73	172	0.040
1.3	जवाहर सागर Jawahar Sagar			44.23	99	0.020
2	पेन्च Pench	40	75	30.34	82	0.090
3	बारगी Bargi	50	90	39.97	91	0.060
4	बारगी Bargi (LBCH)			2.18	5	
5	बनसागर टोन्स Bansagar-1 (Tons)	130	315	91.27	240	0.220
6	बनसागर Bansagar-2 (Deolondh)	0	0	7.66	60	
7	बनसागर Bansagar-3 (Silpara)	30	60	9.64	30	0.080
8	बनसागर Bansagar-4 (Zinaha)	0	0	12.03	22	0.040
9	मेडीखेडा Medikheda	30	60	3.30	60	
10	बिरसिघपुर Birsingpur	15	20	0.21	20	0.010
11	टावा Tawa	0	0	0.00	0	
12	राजघाट Rajghat	20	30	5.70	14	0.090
13	Omkareshwar	210	360	94.57	387	0.420
14	इंदिरा सागर Indira Sagar	610	990	209.44	779	0.800
	कुल जलीय TOTAL(H) MPPGCL	1185	2114	556.55	2143	1.679

क्रमांक Sr. No.	स्टेशन का नाम Station Name	Schedule योजना		Actual वास्तविक		
		ऊर्जा Energy (Gwh)	चरम Peak (Mw)	ऊर्जा Energy (Gwh)	चरम Peak (Mw)	Auxillary Consumption (Gwh)
तापीय THERMAL						
1	अमरकंटक II AMK II Unit -1			0.00	0	12.410
2	अमरकंटक II AMK II Unit -2	61	82	0.00	0	
3	अमरकंटक III AMK III Unit -5	0	0	129.18	217	0
4	सतपुरा I Satpura-I(60%Share)	50	67	0.00	0	0.000
5	सतपुरा II Satpura-II Unit 6			105.32	190	12.840
6	सतपुरा II Satpura-II Unit 7	128	163	32.52	190	
7	सतपुरा II Satpura-II Unit 8			107.77	194	20.100
8	सतपुरा II Satpura-II Unit 9	122	163	110.98	200	
9	सतपुरा III Satpura-III Unit 10			103.65	184	14.290
10	सतपुरा III Satpura-III Unit 11			87.69	178	17.710
11	एसजीटीपीएस 1 SGTPS Unit - 1			87.69	178	17.710
12	एसजीटीपीएस 2 SGTPS Unit - 2	142	191	103.72	184	
13	एसजीटीपीएस 3 SGTPS Unit - 3			105.62	179	13.550
14	एसजीटीपीएस 4 SGTPS Unit - 4	144	194		186	
15	एसजीटीपीएस 5 SGTPS Unit - 5	291	390	221.66	509	
16	SSTPS			204.81	892	14.180
	कुल तापीय Total (T)	1057	1409	1220.28	2997	127.070

ग (C)	कुल जलीय+तापीय Total (H+T)	2572	4036	1776.83	5450	128.749
	Injection from WIND			107.45	0	
	कुल जलीय+तापीय + विंड Total (H+T+WIND)			1884.28	5450	
	विनिमय Exchanges		(+)	2594.13		
	संयोजित ऊर्जा मांग Rest. En. Req.	5025		4478.42		
	CHHATTISGARH छत्तीसगढ़					
	जलीय HYDRO					
	1 हसदेव बांगो Hasdeo Bango	55	120	3.31	120	0.050
	2 Gangrel	6	19	4.38	10	0.040
	3 Mini Micro KWB			0.94	7	
	कुल जलीय TOTAL(H) CSEB	61	139	8.63	137	0.100
	तापीय THERMAL					
	1 कोरबा (पू) Korba (E) Unit-1	30	50	27.64	46	10.810
	2 कोरबा (पू) Korba (E) Unit-2	30	50	27.64	40	
	3 कोरबा (पू) Korba (E) Unit-3	30	50	27.64	45	
	4 कोरबा (पू) Korba (E) Unit-4	30	50	27.84	49	
	5 कोरबा (पू) Korba (E) Unit -5	71	120	36.85	120	22.950
	6 कोरबा (पू) Korba (E) Unit -6	71	120	66.82	120	
	7 कोरबा (पू) Korba (W) Unit -1	125	210	116.93	210	26.150
	8 कोरबा (पू) Korba (W) Unit -2	125	210	116.93	210	
	9 कोरबा (पू) Korba (W) Unit -3	125	210	116.93	210	17.150
	10 कोरबा (पू) Korba (W) Unit -4	125	210	116.93	210	
	11 KORBA(EB) Extn - 1	0	250	160.61	255	12.370
	12 KORBA(EB) Extn - 2	149	250	164.69	254	11.720
	कुल तापीय Total (T)			1262.25	1917	103.580
	13 बालको से आयात BALCO Import			0.00	0	
	14 जिन्दल से आयात JINDAL Import			0.00	0	
	कुल तापीय Total (T+IPP)	911	1780	1262.25	1917	
	कुल जलीय+तापीय Total (H+T)	966	1900	1270.88	2054	103.680
	विनिमय Exchanges		(+)	598.00	0	
	संयोजित ऊर्जा मांग Rest. En. Req.	1675		1868.88	2054	
घ (D)	MAHARASHTRA महाराष्ट्र					
	जलीय HYDRO					
	1 कोयना 1 और 2 Koyna 1 & 2	74	300	73.37	570	1.305
	2 कोयना III Koyna III	49	150	25.76	320	
	3 कोयना IV Koyna IV	165	600	45.92	1047	
	4 कोयना डीपीएच Koyna DPH	10	20	15.12	38	
	5 टाटा जलीय TATA Hydro	120	444	114.15	471	2.549
	6 वैतरणा Vaitarna	3	60	4.12	61	
	7 एलदारी Eldari	5	10	3.20	14	
	8 भटगर और वीर Bhatgar & Vir	3	5	4.19	4	
	9 पैठान Paithan	0	0	27.01	60	
	10 तिलारी Tillari	0	0	5.49	64	
	11 भीरा टेल रेस Bhira Tail Race	9	80	6.19	80	
	12 घटघर Ghatghar	37	250	34.39	250	
	13 अन्य छोटे जलीय Small Hydro (others)	32	47	62.71	0	
	कुल जलीय TOTAL(H)	506	1966	412.35	1752	3.854

क्रमांक Sr. No.	स्टेशन का नाम Station Name	Schedule योजना		Actual वास्तविक		Auxillary Consumption (Gwh)
		ऊर्जा Energy (Gwh)	चरम Peak (Mw)	ऊर्जा Energy (Gwh)	चरम Peak (Mw)	
	तापीय THERMAL					
	3 नासिक 3 Nasik Unit -3	105	140	109.12	205	
	4 नासिक 4 Nasik Unit -4	85	115	114.55	201	
	5 नासिक 5 Nasik Unit -5	133	180	119.75	199	
	6 ट्राम्बे 4 Trombay Unit -4	0	0	0.00	0	
	7 ट्राम्बे 5 Trombay Unit -5	250	500	129.57	501	
	8 ट्राम्बे 6 Trombay Unit -6	130	500	60.98	154	
	9 ट्राम्बे 8 Trombay Unit -8	0	0	155.99	255	
	10 ट्राम्बे 7अ गैस Trombay -7A (Gas)	0	0	0.68	79	1.316
	11 ट्राम्बे 7ब Trombay -7B (WHR)			0.00	0	
	12 कोराडी 5 Koradi Unit -5	65	85	0.00	0	
	13 कोराडी 6 Koradi Unit -6	75	100	103.47	182	
	14 कोराडी 7 Koradi Unit -7	75	100	106.61	185	
	15 भुसावल 2 Bhusawal Unit -2	110	150	0.00	0	
	16 भुसावल 3 Bhusawal Unit -3	100	135	10.66	180	
	17 भुसावल 4 Bhusawal Unit -4	250	335	276.34	515	
	18 भुसावल 4 Bhusawal Unit -5	0	0	147.98	515	
	19 पारली 3 Parli Unit -3	0	0	0.00	0	
	20 पारली 4 Parli Unit -4	0	0	101.13	169	
	21 पारली 5 Parli Unit -5	0	0	94.76	166	
	22 पारली 6 Parli Unit -6	155	210	137.26	250	
	23 पारली 7 Parli Unit -7	40	55	137.07	252	

	24	खापरखेड़ा 1 Khaperkheda Unit -1	80	110	120.03	205	
	25	खापरखेड़ा 2 Khaperkheda Unit -2	100	135	106.02	185	
	26	खापरखेड़ा 3 Khaperkheda Unit -3	350	470	123.53	216	
	27	खापरखेड़ा 4 Khaperkheda Unit -4			107.95	208	
	28	खापरखेड़ा 5 Khaperkheda Unit -5	135	180	312.20	505	
	30	पारस Paras-3	135	180	136.36	250	
	31	पारस Paras-4	200	430	118.89	236	
	32	उरन Uran (Gas)	200	430	230.12	554	
	33	उरन Uran (WHR)	100	220	89.95	0	5.862
	34	चंद्रपुर 1 Chandrapur Unit -1	100	135	0.00	157	
	35	चंद्रपुर 2 Chandrapur Unit -2	100	135	75.25	212	
	36	चंद्रपुर 3 Chandrapur Unit -3	90	120	113.76	198	
	37	चंद्रपुर 4 Chandrapur Unit - 4	70	95	96.12	470	
	38	चंद्रपुर 5 Chandrapur Unit -5	80	110	222.89	440	
	39	चंद्रपुर 6 Chandrapur Unit -6	190	255	231.94	473	
	40	चंद्रपुर 7 Chandrapur Unit -7	150	200	269.40	0	
	41	डहानू 1 Dahanu Unit-1	372	500	158.66	250	13.326
	42	डहानू 2 Dahanu Unit-2			100.16	250	10.085
	43	CPP	0.00	0.00	2425.11	3368.21	
	44	RGPPPL Share	200	300	0.00	0	
		कुल तापीय Total (T)	6290	9090	6844.25	10664	326.337
		MAH. Wind + Solar Generation			198.25	0	
		कुल जलीय +तापीय Total (H+T+Wind)	6966	9960	7454.85	12746	360.780
		TOT.विनिमय Exchanges		(+)	3350.65		
		सीमित ऊर्जा मांग Rest. En. Req.	10700		10805.50		
च (E)		गोवा GOA					
		आई पी पी रिलायंस IPP Reliance			19.21	16	
		विनिमय Exchanges			278.32		
		सीमित ऊर्जा मांग Rest. En. Req.	285	400	297.53	433	
छ (F)		दमन और दीव DAMAN & DIU			164.83	298	
ज (G)		दादरा नगर हवेली DNH			431.21	680	
		कुल DD &DNH (T)	133	242	596.04	977	

क्रमांक Sr. No.	स्टेशन का नाम Station Name	Schedule योजना		Actual वास्तविक		Auxillary Consumption (Gwh)
		ऊर्जा Energy (Gwh)	चरम Peak (Mw)	ऊर्जा Energy (Gwh)	चरम Peak (Mw)	
(H)	केंद्रीय क्षेत्र Central Sector					
	1. एन पी सी N.P.C.					
	1.1 तागपुर 1 TAPS Unit -1	80	160	137.94	160	5.479
	1.2 तागपुर 2 TAPS Unit -2	80	160	126.70	160	
	1.3 तागपुर 3 TAPS Unit -3	300	480	365.10	545	63.000
	1.4 तागपुर 4 TAPS Unit -4	300	480	267.53	546	
	1.5 काकरापूर 1 KAPS Unit -1	125	200	153.26	545	29.240
	1.6 काकरापूर 2 KAPS Unit -2	125	200	142.11	546	
	कुल एन पी सी NPC Total	1010	1680	1192.64	2502	
	2. एन टी पी सी N.T.P.C.					
	2.1 कोरवा एसटीपीएस 1 KSTPS Unit-1			138.34	211	
	2.2 कोरवा एसटीपीएस 2 KSTPS Unit-2			137.98	213	
	2.3 कोरवा एसटीपीएस 3 KSTPS Unit-3			135.48	214	
	2.4 कोरवा एसटीपीएस 4 KSTPS Unit-4			336.72	514	
	2.5 कोरवा एसटीपीएस 5 KSTPS Unit-5			334.03	513	
	2.6 कोरवा एसटीपीएस 6 KSTPS Unit-6			324.87	515	
	2.7 कोरवा एसटीपीएस 7 KSTPS Unit-7			336.93	514	
	कुल कोरवा KSTPS Total	1510	2600	1744.36	2458	106.552
	2.7 विन्ध एसटीपीएस 1 VSTPS Unit-1			116.42	214	
	2.8 विन्ध एसटीपीएस 2 VSTPS Unit-2			117.90	215	
	2.9 विन्ध एसटीपीएस 3 VSTPS Unit-3			116.06	212	
	2.10 विन्ध एसटीपीएस 4 VSTPS Unit-4			89.35	210	
	2.11 विन्ध एसटीपीएस 5 VSTPS Unit-5			118.55	215	
	2.12 विन्ध एसटीपीएस 6 VSTPS Unit-6			117.35	216	
	2.13 विन्ध एसटीपीएस 7 VSTPS Unit-7			291.60	511	
	2.14 विन्ध एसटीपीएस 8 VSTPS Unit-8			313.92	514	
	2.15 विन्ध एसटीपीएस 9 VSTPS Unit-9			305.32	513	
	2.16 विन्ध एसटीपीएस 10 VSTPS Unit-10			280.87	511	
	2.17 विन्ध एसटीपीएस 11 VSTPS Unit-11			321.05	514	
	कुल विन्धयाचल VSTPS Total	2294	4260	2494.01	#REF!	163.03
	3.1 सीपत -1 -SIPAT-1			397.31	661.00	
	3.2 सीपत -2 -SIPAT-2			418.67	668.00	
	3.3 सीपत -3 -SIPAT-3			407.41	665.00	
	3.4 सीपत -4 -SIPAT-4			315.25	510.00	
	3.5 सीपत -5 SIPAT-5			314.44	514.00	
	कुल सीपत -SIPAT TOTAL			1853.08	2578.00	95.68
4.1	कवास गैस 1ए Kawas GT-1A			19.63	114	

4.2	कवास गैस 1बी Kawas GT-1B			49.58	118	
4.3	कवास एसटी 1सी Kawas ST-1C			36.79	137	
4.4	कवास गैस 2ए Kawas GT-2A			0.00	0	
4.5	कवास गैस 2बी Kawas GT-2B			0.00	0	
4.6	कवास एसटी 2सी Kawas ST-2C			0.00	0	
	कुल कवास KGPS Total	193	630	106.00	325	3.410
5.1	गंधार गैस 1 Gandhar GT-1			9.91	112	
5.2	गंधार गैस 2 Gandhar GT-2			9.49	114	
5.3	गंधार गैस 3 Gandhar GT-3			0.07	110	
5.4	गंधार एसटी 4 Gandhar ST-4			8.17	148	
	कुल गंधार GGPS Total	80	630	27.64	254	1.909
6.1	मौदा 1 Mauda -1			25.54	410	0.000
6.2	मौदा 2 Mauda -2			0.00	0	0.000
	कुल मौदा MAUDA Total	186	500	25.54	410	5.060
6.1	RGPPPL Block I			0.00	0	
6.2	RGPPPL Block II			0.00	0	
6.3	RGPPPL Block III			0.00	0	
	RGPPPL TOTAL	540	750	0.00	31	0.000
7.1	एस एस पी SSP RBPH - 1			14.31	189	
7.2	एस एस पी SSP RBPH - 2			4.70	187	
7.3	एस एस पी SSP RBPH - 3			24.72	187	
7.4	एस एस पी SSP RBPH - 4			25.43	188	
7.5	एस एस पी SSP RBPH - 5			29.16	187	
7.6	एस एस पी SSP RBPH - 6			21.01	187	
7.7	एस एस पी SSP CHPH - 1			1.57	36	
7.8	एस एस पी SSP CHPH - 2			13.34	36	
7.9	एस एस पी SSP CHPH - 3			18.31	37	
7.10	एस एस पी SSP CHPH - 4			11.90	36	
7.11	एस एस पी SSP CHPH - 5			15.39	36	
	कुल एस एस पी SSP Total	580	900	179.84	1305	1.798
8.1	कुल पेंच Pench Total	40	75	30.34	82	0.090
8.2	Jindal Injection			530.68	0	
8.3	Amarkantak Lanco			142.80	0	
(I) पश्चिमी क्षेत्र WESTERN REGION						
	ग्रोस उत्पादन Gross generation			23106.55		
(J) उपलब्धता Availability						
	नेट विनिमय Net Exchanges		(+)	-3408.34		
	उपलब्ध ऊर्जा Energy Availability	27000		19299.72		

माह फरवरी 2015 के दौरान चरम मांग - योजनाबद्ध बनाम वास्तविक
PEAK DEMAND - SCHEDULE VS ACTUAL FOR FEBRUARY 2015

अनुलग्नक 4.2
ANNEX-4.2

राज्य	State	Anticipated अपेक्षित (MW)	वास्तविक Actual (MW)					दिनांक Date	समय Time	आवृत्ति Frequency
			आपूर्ति Catered							
				UNSCH LS	FC	SCH LS	कुल Total			
गुजरात	<u>GUJARAT</u>									
पंजीकृत	Registered		12934	-	-	-	12934	02.2.15	1200	49.99
सीमित	Restricted	12500								
असीमित	Unrestricted	12540	12934	0	5	0	12939	02.02.15	1200	49.99
न्यूनतम पंजीकृत मांग	Min. Registered Demand		8781				8781	01.02.15	0300	50.00
मध्य प्रदेश	<u>MADHYA PRADESH</u>									
पंजीकृत	Registered		9345	-	-	-	9345	22.02.15	0900	50.14
सीमित	Restricted	9130								
असीमित	Unrestricted	9130	9345	0	-38	0	9307	22.02.15	0900	50.14
न्यूनतम पंजीकृत मांग	Min. Registered Demand		4836				4836	09.02.15	02:00	
छत्तीसगढ़	<u>CHHATTISGARH</u>									
पंजीकृत	Registered		3625				3625	28.02.15	1900	50.11
सीमित	Restricted	3000								
असीमित	Unrestricted	3000	3431	342	4	0	3777	27.02.15	1900	49.97
न्यूनतम पंजीकृत मांग	Min. Registered Demand		2282				2282	12.02.15	1400	50.12
महाराष्ट्र	<u>MAHARASHTRA</u>									
पंजीकृत	Registered									
सीमित	Restricted	19600	19372	-	-	-	19372	24.02.15	1200	50.01
असीमित	Unrestricted	19650								
न्यूनतम पंजीकृत मांग	Min. Registered Demand		18652	1011	39	0	19702	19.02.15	1300	49.94
			11942				11942	28.02.15	04:00	50.09
गोवा	<u>*GOA</u>									
पंजीकृत	Registered	400	433		-	-	433	27.02.15	1700	49.99
असीमित	Unrestricted	400	433	1	0.15	-	435	27.02.15	1700	49.99
न्यूनतम पंजीकृत मांग	Min. Registered Demand									
एस्सार	<u>ESSAR(ESIL)</u>									
पंजीकृत	Registered		434		-	-	434	06.02.15	1800	50.03
असीमित	Unrestricted		434	0	0	-	434	06.02.15	1800	50.03
न्यूनतम पंजीकृत मांग	Min. Registered Demand									
दमन एवं दीव	<u>DD</u>									
पंजीकृत	Registered		290		-	-	290	28.02.15	2400	50.09
असीमित	Unrestricted		290	0	-1	-	289	28.02.15	2400	50.09
न्यूनतम पंजीकृत मांग	Min. Registered Demand									
दादरा व न हेवेली	<u>DNH</u>									
पंजीकृत	Registered		703		-	-	703	25.02.15	1200	50.03
असीमित	Unrestricted		703	0	-1	-	702	25.02.15	1200	50.03
न्यूनतम पंजीकृत मांग	Min. Registered Demand		542				542	22.02.15		
पश्चिम क्षेत्र	<u>WESTERN REGION</u>									
पंजीकृत	Registered		44750	-	-	-	44750	24.02.15	1100	49.91
सीमित	Restricted	43565								
असीमित	Unrestricted	43822	44750	75	141	0	44966	24.02.15	1100	49.91
न्यूनतम पंजीकृत मांग	Min. Registered Demand		30850				30850	01.02.15	0400	50.02

NOTE: LS = Load Shedding
PC/RM = Power Cuts/Regulatory Measures
FC = Frequency Correction
Registered = Actual Demand Met
Restricted = Registered + LS + FC
Unrestricted = Registered + LS + FC + PC + Holiday Staggering + Recess Staggering.

माह फरवरी 2015

Feb-15

अनु.क्र.	समांतर/वृतीय प्रचालन	PARALLEL / RADIAL OPERATION	TOTAL OPERATING HOURS
1	एचवीडीसी बैक टु बैक लिंक	HVDC back-to back link(WR-NR)	60:06:00
2	एचवीडीसी बैक टु बैक लिंक	HVDC back-to back link(WR-SR)	NA
	टाई लाईन	TIE LINE	
1	765 केवी सिवनी से वर्धा-I	765kV Soni to Wardha	599:23:00
2	765 केवी सिवनी से वर्धा-II	765kV Seoni to Wardha	162:38:00
3	765 केवी सिवनी से बिलासपुर-I	765kV Seoni to Bilaspur-I	672:00:00
4	765 केवी सिवनी से बिलासपुर-II	765kV Seoni to Bilaspur-II	663:46:00
5	765 केवी दुर्ग से वर्धा -I	765kV Durg to Wardha	670:52:00
6	400 केवी भिलाई से कोराडी	400kV Bhilai to Koradi	672:00:00
7	400 केवी भिलाई से भद्रावती	400kV Bhilai to Bhadravati	672:00:00
8	400 केवी रायपुर से भद्रावती -I	400kV Raipur to Bhadravati-I	672:00:00
9	400 केवी रायपुर से भद्रावती -II	400kV Raipur to Bhadravati-II	672:00:00
10	400 केवी रायपुर से भद्रावती -III	400kV Raipur to Bhadravati-III	672:00:00
11	400 केवी सातपुरा से कोराडी	400kV Satpura to Koradi	672:00:00
12	400 केवी खंडवा से धुले-I	400kV Khandwa-Dhule-I	671:17:00
13	400 केवी खंडवा से धुले-II	400kV Khandwa-Dhule-II	672:00:00
14	400 केवी इंदौर से असोज-I	400kV Indore to Asoj-I	672:00:00
15	400 केवी इंदौर से असोज-II	400kV Indore to Asoj-II	671:50:00
16	400 केवी इंदौर से असोज-III	400kV Indore to Asoj-III	672:00:00
17	400 केवी कोल्हापुर से मापुसा-I	400kV Kolhapur-Mapusa-I	407:31:00
18	400 केवी कोल्हापुर से मापुसा-II	400kV Kolhapur-Mapusa-II	506:32:00
19	400 केवी वापी से बोईसर	400kV Vapi-Boisar	631:49:00
20	400 केवी रायगढ़ से स्टरलाइट-I	400kV Raigarh to Sterlight-I	672:00:00
21	400 केवी रायगढ़ से स्टरलाइट-II	400kV Raigarh to Sterlight -II	672:00:00
22	400 केवी रायगढ़ से झरसुगुडा-I	400kV Raigarh to Jharsuguda-I	672:00:00
23	400 केवी रायगढ़ से झरसुगुडा-II	400kV Raigarh to Jharsuguda-II	672:00:00
24	400 केवी नागदा से देहगाम-I	400kV Nagda to Dehgam	672:00:00
25	400 केवी नागदा से देहगाम-II	400kV Nagda to Dehgam	657:52:00
26	400 केवी रायपुर से वर्धा-I	400kV Raipur to Wardha-I	672:00:00
27	400 केवी रायपुर से वर्धा-II	400kV Raipur to Wardha-II	664:40:00
28	400 केवी वर्धा से मौदा-II	400kV Wardha to Mouda-II	669:44:00
29	220 केवी कोरबा पूर्व से बुद्धिपादर-III	220kV K(E) to Budhipadar-III	672:00:00

माह फरवरी 2015 के दौरान पावता , शिड्यूल , घटकों द्वारा केंद्रीय क्षेत्र के स्टेशनों से डावल और विनिमयों का विवरण DETAILS OF ENTITLEMENT/SCHEDULE/DRAWAL BY THE CONSTITUENTS FROM CENTRAL SECTOR STATIONS FEBRUARY 2015 (पक्षेविष्य द्वारा जारी क्षेत्रीय ऊर्जा लेखा के आधार पर)												
AND EXCHANGES FOR THE MONTH OF												
1	केंद्रीय स्टेशनों / समर्पित केंद्रीय स्टेशनों / संयुक्त निजी स्टेशनों की घोषित क्षमता (बस पर) और लाभार्थियों की पावता											
1	Declared Capcity (ex-bus) of Central Gen. Stns/Dedicated CG Stns/Jointly owned Stns & entitlement of beneficiaries (MUs)											
(अ)	केंद्रीय विजलीयार	A. Central Gen. Stns.	घोषित क्षमता Dec. Cap.	गुज्रविनिनि GUVNL	मगविउकं MPPGCL	छगविबो CSEB	मगविउकं MSPGCL	गोवा GOA	दमन दीव DD	दा न ह DNH	एचवीडीसी + एचडब्ल्यूसी HVDC+HWB	कुल TOTAL
	कोरबा एसटीपीएस	Korba STPS	1323.893	226.954	309.096	135.401	421.168	134.966	31.081	33.174		1323.893
	कोरबा एसटीपीएस -III	Korba STPS-III	318.195	61.093	49.716	96.194	85.765	4.095	3.820	14.245		318.195
	विन्ध एसटीपीएस I	Vindhyachal STPS-I	743.037	135.637	264.329	1.721	271.736	22.794	7.851	25.421	13.547	743.037
	विन्ध एसटीपीएस II	Vindhyachal STPS-II	607.249	145.134	195.580	1.403	217.066	8.963	5.638	19.911		607.249
	विन्ध एसटीपीएस III	Vindhyachal STPS-III	611.212	162.585	152.237	65.589	181.199	7.800	6.899	21.260		611.212
	विन्ध एसटीपीएस IV	Vindhyachal STPS-IV	633.635	152.036	182.244	41.082	205.073	9.549	8.045	29.099		633.635
	कवास गैस	Kawas GPP	441.197	125.742	94.246	0.000	137.380	8.334	20.874	54.623		441.197
	गंधार गैस	Gandhar GPP	414.487	149.446	73.895	0.000	126.341	7.981	19.782	37.042		414.487
	सीपत	Sipat	1904.772	519.661	342.814	305.459	581.358	25.733	22.597	76.716		1904.772
	काकरापार	Kakrapar APS*	264.645	75.183	66.851	0.000	90.429	9.629	4.991	7.531	10.031	264.645
	तारपुर 3 और 4	Tarapur APS 3&4*	569.716	144.539	121.849	25.320	231.136	7.603	6.736	22.479		569.716
(ब)	समर्पित केंद्रीय विजलीयार	B. Dedicated CG Stations			* Actual injection		* वास्तविक इन्जेक्शन					
	इंदिरा सागर	Indira Sagar*	245.570		245.570							245.570
(ग)	संयुक्त निजी स्टेशन	C. Jointly owned Stations										
	तारपुर 1 और 2	Tarapur APS 1&2*	85.122	42.561	0.000	0.000	42.561	0.000	0.000	0.000		85.122
	एसएसबी	SSP*	175.335	28.054	99.941	0.000	47.340	0.000	0.000	0.000		175.335
	पेन्च	Pench*	29.960	19.974	0.000	0.000	9.987	0.000	0.000	0.000		29.960
	कुल (इं सागर को छोड़ कर)	Total (excl. Indira Sagar)	13013.609	3268.435	2673.424	747.606	3409.530	257.429	192.180	436.856	2028.149	13013.609
		* Actual injection										
2	केंद्रीय स्टेशनों / समर्पित केंद्रीय स्टेशनों / संयुक्त निजी स्टेशनों की उत्पादन शेड्यूल और लाभार्थियों की डावल शेड्यूल											
2	Generation Schedule (ex-bus) of Central Gen. Stations/Dedicated CG Stations/Jointly owned Stations & schedule of beneficiaries (MUs)											
(अ)	केंद्रीय विजलीयार	A. Central Gen. Stns.	शेड्यूल Schedule	गुज्रविनिनि GUVNL	मगविउकं MPPGCL	छगविबो CSEB	मगविउकं MSPGCL	गोवा GOA	दमन दीव DD	दा न ह DNH	एचवीडीसी+HWB / Outside region(NR & SR)	कुल TOTAL
	कोरबा एसटीपीएस	Korba STPS	1321.786	226.954	307.824	135.401	420.334	134.966	31.081	33.174		1321.786
	कोरबा एसटीपीएस -III \$	Korba STPS-III \$	317.749	61.093	49.716	95.894	85.619	4.095	3.820	14.245		317.749
	विन्ध एसटीपीएस I	Vindhyachal STPS-I	595.841	106.403	197.232	1.721	230.562	12.933	7.671	25.879	13.440	595.841
	विन्ध एसटीपीएस II	Vindhyachal STPS-II	569.654	143.720	165.553	1.403	211.057	8.953	5.525	19.888		569.654
	विन्ध एसटीपीएस III	Vindhyachal STPS- III	559.220	159.750	110.868	62.762	176.527	7.783	6.750	21.214		559.220
	विन्ध एसटीपीएस IV	Vindhyachal STPS- IV	599.892	146.455	164.471	39.490	197.274	9.415	7.781	28.697		599.892
	कवास गैस	Kawas GPP**	104.733	60.359	7.303	0.000	16.943	0.000	2.828	17.285	0.000	104.733
	गंधार गैस	Gandhar GPP**	27.823	25.789	0.563	0.000	1.018	0.000	0.450	0.000	0.000	27.823
	सीपत	Sipat	1758.162	484.647	331.735	239.259	553.492	25.733	22.184	70.964		1758.162
	काकरापार	Kakrapar APS*	264.645	75.183	66.851	0.000	90.429	9.629	4.991	7.531	10.030	264.645
	तारपुर 3 और 4	Tarapur APS 3&4*	569.716	144.539	121.849	25.320	231.136	7.603	6.736	22.479		569.716
(ब)	समर्पित केंद्रीय विजलीयार	B. Dedicated CG Stations										
	इंदिरा सागर	Indira Sagar*	245.570		245.570							245.570
					13.568	RPPC(NVVNL)	0.000					
					KAWAS(RLNG)	0.000						
					GANDHAR(RLNG)	0.000						
(ग)	संयुक्त निजी स्टेशन	C. Jointly owned Stations			* Actual injection		* वास्तविक इन्जेक्शन					
	तारपुर 1 और 2	Tarapur APS 1&2*	85.122	42.561	0.000	0.000	42.561	0.000	0.000	0.000		85.122
	एसएसबी	SSP*	175.335	28.054	99.941	0.000	47.340	0.000	0.000	0.000		175.335
	पेन्च	Pench*	29.960	0.000	19.974	0.000	9.987	0.000	0.000	0.000		29.960
	कुल ई सागर को छोड़ कर	Total (excl. Ind. Sagar)	10941.069	2788.835	2235.651	635.756	2756.214	221.109	145.871	329.753	1827.880	10941.069
		* Actual injection										
Note:- \$ These Scheduled Transactions are done by WRLDC under STOA.												
3	अंतरक्षेत्रीय विनिमयों / द्विपक्षीय विनिमयों की शेड्यूल (मि बुनिट्स)											
3	Schedule for interregional exchanges/bilateral exchanges (MUs)											
	क्षेत्र / राज्य	Region/State	शेड्यूल Schedule	गुज्रविनिनि GUVNL	मगविउकं MPPGCL	छगविबो CSEB	मगविउकं MSPGCL	गोवा GOA	दमन दीव DD	दा न ह DNH	एचवीडीसी HVDC	कुल TOTAL
क	पूर्वी क्षेत्र के राज्य	Import SDLs through ER	193.674									
	आयात शेड्यूल	Indian Energy Exchange (WR to ER)		0.000	0.000	0.000	0.000	0.000	0.000	0.000		-67.700
		Power Exchange of India (ER to WR)		0.000	0.000	0.000	0.000	0.000	0.000	0.000		-7.034
		ER (NTPC)		44.207	22.643	10.010	59.610	0.000	1.230	1.890		139.590
		DVC to MPPTCL (Long Term Open Access)		0.000	159.395	0.000	0.000	0.000	0.000	0.000		159.395
		Hirakud to CSEB		0.000	0.000	1.223	0.000	0.000	0.000	0.000		1.223
		CSEB to APPCC (NVVNL)		0.000	0.000	-1.702	0.000	0.000	0.000	0.000		-1.702
		JPL-II to APPCC (KISPL)		0.000	0.000	-0.630	0.000	0.000	0.000	0.000		-0.630
		JPL-II to APPCC (NVVNL)		0.000	0.000	-0.633	0.000	0.000	0.000	0.000		-0.633
		JPL-II to APPCC (PTC LTD)		0.000	0.000	-0.819	0.000	0.000	0.000	0.000		-0.819
		JNSTPP to APPCC (NVVNL)		0.000	-0.612	0.000	0.000	0.000	0.000	0.000		-0.612
		APL2 GUVNL to BIHAR (AEL)		-30.514	0.000	0.000	0.000	0.000	0.000	0.000		-30.514
		APL3 GUVNL to BIHAR (AEL)		-3.542	0.000	0.000	0.000	0.000	0.000	0.000		-3.542
		ADHUNIK to BLVL MSEB (MPPL)		0.000	0.000	0.000	0.009	0.000	0.000	0.000		0.009
		STERLITE to ESIL_WR (IEXL)		0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.280
		STERLITE to ESIL_WR (PTC LTD)		0.000	0.000	0.000	0.000	0.000	0.000	0.000		37.644
		STERLITE to ESIL_WR (PXIL)		0.000	0.000	0.000	0.000	0.000	0.000	0.000		8.400
		STERLITE to ESIL MSEB (PTC LTD)		0.000	0.000	0.000	4.116	0.000	0.000	0.000		4.116
		STERLITE to GCEL (GMRETL)		0.000	0.000	0.201	0.000	0.000	0.000	0.000		0.201
		ADHUNIK to GWRLHP MSEB (MPPL)		0.000	0.000	0.000	0.009	0.000	0.000	0.000		0.009
		ADHUNIK to GWRLHW MSEB (MPPL)		0.000	0.000	0.000	0.014	0.000	0.000	0.000		0.014
		WBSEB to MPPMCL MPSEB (PTC LTD)		0.000	1.500	0.000	0.000	0.000	0.000	0.000		1.500
		JPL to MANIPUR (PTC LTD)		0.000	0.000	-12.975	0.000	0.000	0.000	0.000		-12.975
		APL1 GUVNL to MAL MEGHALAYA (PTC LTD)		-8.280	0.000	0.000	0.000	0.000	0.000	0.000		-8.280
		JNSTPP to NGLD (PTC LTD)		0.000	-9.060	0.000	0.000	0.000	0.000	0.000		-9.060
		ADHUNIK to PCLD5 MSEB (MPPL)		0.000	0.000	0.000	0.014	0.000	0.000	0.000		0.014
		ADHUNIK to PCLD7 MSEB (MPPL)		0.000	0.000	0.000	0.007	0.000	0.000	0.000		0.007
		ADHUNIK to RDPL MSEB (MPPL)		0.000	0.000	0.000	0.010	0.000	0.000	0.000		0.010
		NSPCL to SAIL ROURLKELA (SAIL ROURLKELA)		0.000	0.000	-13.556	0.000	0.000	0.000	0.000		-13.556
		CSEB to TGPC (NVVNL)		0.000	0.000	-1.988	0.000	0.000	0.000	0.000		-1.988
		JPL-II to TGPC (KISPL)		0.000	0.000	-0.737	0.000	0.000	0.000	0.000		-0.737

[illegible]

माह फरवरी 2015 के अंतर्राज्यीय / अंतरक्षेत्रीय विनिमयों का विवरण
DETAILS OF INTERSTATE/INTER-REGIONAL EXCHANGES FOR THE MONTH OF FEBRUARY 2015

अनुलग्नक 4.6
Annex-4.6

क्रमांक	From/ To	गुजरात	महाराष्ट्र	छत्ता	मणिपुर	गोवा	दमन दीव	दा न ह	झारखंड	उ. क्षेत्र	द. क्षेत्र	पू. क्षेत्र	पश्चिम क्षेत्र	कुल
A	Interstate/Inter-regional Schedules included in ISGS	GUJNL	MPPGCL	CSEB	MSPGCL	GOA	DD	DNH	ESIL	NR	SR	ER	WR	TOTAL
1	गुजरात गुजरात		49.931			0.872								50.803
2	महाराष्ट्र मणिपुर	16.896		3.127										20.023
3	छत्ता CSEB													0.000
4	मणिपुर लि MSPGCL													0.000
5	गोवा GOA													0.000
6	दा न ह DNH													0.000
7	कोरबा KORBA-III													0.000
8	जिंदल पावर JPL				65.916				59.590					125.506
9	अडानी पावर APL	1.982				18.890								20.872
10	ESSAR MAHAN													0.000
11	JAYPEE													
12	लैंको Lanco -Pathadi		144.581											144.581
13	एसीबीआईएल -ACBIL			12.569	5.265									17.834
14	KSK MAHANADI													
15	JNSTPP(NIGRIE)		94.150											
16	DB POWER													
17	VANDANA													
18	EMCO			2.012	102.442			93.083						
19	ESIL													
20	एन एस पी सी एल NSPCL						5.906							5.906
21	उत्तरी क्षेत्र N.Region (WR end)												37.805	37.805
22	दक्षिणी क्षेत्र S. Region (S. Bus)												0.000	0.000
23	पूर्वी क्षेत्र E. Region (WR end)												213.713	213.713
24	प. क्षेत्र W.Region (WR end)								#####	704.332	18.080			2665.525
25	एनटीपीसी NTPC Injection													5854.509
26	एनपीसी NPC Injection													919.483
27	Total ISGS drawal from the Grid incl. interregional/ bi-lateral	3435.200	2103.905	509.522	2577.927	168.702	136.050	343.358						
B	Interstate/IR Exchanges not included in ISGS													
20	कर्नाटक Karnataka					53.98								53.980
21	यूपीपीसीएल UPPCL		0.000											0.000
22	आरवीपीएल RVPNL		-30.97											-30.970
23	UPPCL (Excess Drawn From Rajghat)		-8.820											-8.820
24	कोटा उज्जैन Kota - Ujjain		0.000											0.000
25	कुल व Total B (13 to 17)	0.000	-39.790	0.000	0.000	53.980	0.000	0.000						14.190
C	निवल विनिमय Net Exchange (12+18)	3435.200	2064.115	509.522	2577.927	222.682	136.050	343.358						9288.854
D	कुल आयात Total Imp. by WR													265.708
E	कुल निर्यात Total Export by WR													2665.525
F	निवल विनिमय Net Exchange (D-E)													-2399.817
G	प. क्षेत्र द्वारा वील्ड ऊर्जा Energy wheeled by WR													
26	पू. क्षेत्र से द. क्षेत्र को निर्यात ER export to SR										0.000			0.000
27	द. क्षेत्र से उ. क्षेत्र को निर्यात पू. क्षेत्र से होकर SR export to NR via ER/WR									0.000				0.000
28	द. क्षेत्र से उ. क्षेत्र को निर्यात पू. क्षेत्र से होकर SR export to NR via WR									0.000				0.000
29	पू. क्षेत्र से उ. क्षेत्र को निर्यात पू. क्षेत्र से होकर SR export to NR via WR									0.000				0.000
30	उ. क्षेत्र से द. क्षेत्र को निर्यात पू. क्षेत्र से होकर NR export to SR via WR										434.550			434.550
31	पू. क्षेत्र से द. क्षेत्र को निर्यात पू. क्षेत्र से होकर ER export to SR via WR										26.328			26.328
32	पू. क्षेत्र से द. क्षेत्र को निर्यात पू. क्षेत्र से होकर ER export to SR via NR/WR									0.000	0.000			0.000
33	उप. क्षेत्र से उ. क्षेत्र को निर्यात पू. क्षेत्र से होकर NER export to NR via WR									0.000				0.000

माह फरवरी 2015 के अंत में पश्चिम क्षेत्र के मुख्य जलाशयों के स्तर
LEVEL OF MAJOR RESERVOIRS IN WESTERN REGION AT THE END OF MONTH OF FEBRUARY 2015

क्रमांक Sl. No.	विवरण Particulars	गु उ वि नि लि GUVNL उकाई Ukai	मप्रविउकं लि MPPGCL गांधीसागर Gandhisagar	एन एच डी सी NHDC इंदिरा सागर Indira Sagar	मराविउकं लि MSEGCL कोयना Koyna
1	Levels in Mtrs. स्तर मीटर में				
1.1	माह के अंत में At the end of the month	97.95	392.95	254.10	650.81
1.2	पिछले वर्ष इस माह के अनुरूप आंकड़ें Corresponding Figure of the month Last Year	101.65	397.11	254.02	643.92

List of Grid Disturbances and Grid incidents (GD/GI) in February-2015: Western Region						
Sr. No.	Details of incident (Elements / Generation Tripped)	Owner Utility	Date	Time	Effect (Loss of generation/ Load), if any	Category as per CEA Grid Standards
1	Blackout of JP-Nigrie due to tripping of Both 400 kV JP Nigrie-Satna on Y-B Phase fault	JP NIGRIE	08/02/2015	18:32	Gen Loss: 630 MW	GD-1
2	Blackout at Mouda (NTPC)	NTPC	11/02/2015	3:53	Nil	GD-1
3	Tripping of 400 kV Bhadrawati EMCO 2 and EMCO Unit 2 Tripping	PGCIL/EMCO	13/02/2015	16:32	Gen Loss : 238 MW	GI-2
4	Tripping at 220kV Lalpar and Sartanpur	GETCO	14/02/2015	4:40	Load Loss : To be provided by Gujarat SLDC	GI-1
5	Multiple tripping of 400 kV lines at 400/220 kV Navsari(PG) due to Fog	PGCIL	19/02/2015	5:02	NIL	GI-2
6	Tripping of 220 kV Mudhungi-Chikodi and Kolhapur Chikodi	MPPTCL	20/02/2015	6:40	Load Loss : To be Provided by Karnataka SLDC	GI-1
7	Tripping of 220 kV Shivpuri-Bina(PG) and 220 kV Shivpuri-Bina(MP) leading to blackout of 220/132 kV Shivpuri and 220/132 kV Sabalgarh S/s .	MPPTCL	24/02/2015	5:48	Load loss : 280 MW	GD-1
8	Tripping of 220 kV Shivpuri-Bina(PG) and 220 kV Shivpuri-Bina(MP) leading to blackout of 220/132 kV Shivpuri and 220/132 kV Sabalgarh S/s .	MPPTCL	24/02/2015	11:50	Load Loss : 280 MW	GD-1
9	Tripping of 220 kV Shivpuri-Bina(PG) and 220 kV Shivpuri-Bina(MP) leading to blackout of 220/132 kV Shivpuri and 220/132 kV Sabalgarh S/s .	MPPTCL	24/02/2015	12:35	Load loss : 280 MW	GD-1
10	Bus fault at 220 kV Haldarwa S/s	GETCO	25/02/2015	21:36	Laod Loss : 50 MW	GI-1

Annexure 8.1

Power Station	State	Tentative dates (Jan'15-Jun'15)
Ukai (H)	Gujarat	1 st wk. of Feb'15
Gandhisagar	Madhya Pradesh	1 st wk. of Feb'15
Kadana	Gujarat	4 th wk. of Feb'15
Birsinghpur	Madhya Pradesh	4 th wk. of Feb'15
Pench	Madhya Pradesh	1 st wk. of Mar'15
Uran (Gas)	Maharashtra	2 nd wk of Mar'15
Dhuvaran	Gujarat	3 rd wk of Mar'15
Ghatghar	Maharashtra	4 th wk of Mar'15
GIPCL-I	Gujarat	1 st wk of April'15
Khopoli	Maharashtra	2 nd wk of April'15
Hasdeo Bango	Chattisgarh	2 nd wk.of April'15
Bargi	Madhya Pradesh	2 st wk of April'15
CLPIPL	Gujarat	3 rd wk of April'15
Bansagar Stage-I	Madhya Pradesh	4 th wk.of April'15
Bhivpuri	Maharashtra	4 th wk of April'15
Sugen	Gujarat	4 th wk.of April'15
SSP	Gujarat	1 st wk of May'15
Indira Sagar	Madhya Pradesh	1 st wk of May'15
Bhira	Maharashtra	1 st wk of May'15
Omkareshwar	Madhya Pradesh	4 th wk of May'15
Bhira PSS	Maharashtra	4 th wk of May'15
Kawas	Gujarat	4 th wk of May'15
Gandhar	Gujarat	1 st wk.of june'15
Medikheda	Madhya Pradesh	1 st wk. of june'15
Koyna I & II	Maharashtra	2 nd wk of June'15
Rajghat	Madhya Pradesh	4 th wk of June'15
Paithan	Maharashtra	2 nd wk. of june'15
Trombay	Maharashtra	4 th wk of June'15
Mini Hydro	Gujarat	

ANNEXURE 10

SR NO	UTILITIES	OCC NO.	MONTH	STATUS	REMARK
1	CHHATTISHGARH	454	Dec-14	HOSTED ON 10.12.13 AT RAIPUR	
2	DD	455	Jan-14	HOSTED ON 16.01.14 AT DIU	
3	GUJARAT	456	Feb-14	HOSTED ON 13.02.14 AT VADODARA	
4	RGPPPL*	457	Mar-14	-	HOSTED ON 11.03.14 AT MUMBAI BY NTPC MUMBAI HQ-I
5	MAHARASHTRA	458	Apr-14	HOSTED ON 16.04.14 BY MSETCL AT MUMBAI	
6	NTPC, HQ-II Raipur*	459	May-14	-	HOSTED ON 12.05.14 AT MUMBAI BY WRPC AT RELIANCE
7	WRTS-I	460	Jun-14	HOSTED ON 13.06.14 AT NAGPUR	
8	KWPCL	461	Jul-14	-	HOSTING ON 10.07.14 AT RAIPUR BY KWPCL(IPP)
9	TAPS-1&2	462	Aug-14	hosted on 11.08.2014 at TARAPUR	
10	NTPC Gandhar/Kawas	463	Sep-14	hosted on 12.09.2014 at Bharuch	
11	RELIANCE SASAN	464	Oct-14	Hosted on 13.10.2014 at Varanasi	
12	WRPC	465	Nov-14		11.11.2014 at WRPC Mumbai
13	MADHYA PRADESH	466	Dec-14	Hosted on 09.12.2014 at Jabalpur	
14	WRPC	467	Jan-15		held on 16.01.2015 at WRPC Mumbai
15	ESSAR TRANSMISSION	468	Feb-15	held on 16.02.2015 at Mumbai	
16	BDTCL/JBTCL	469	Mar-15		to be held on 10 & 11 March 2015
17	NTPC VINDHYACHAL	470	Apr-15		
18	TATA POWER	471	May-15		
19	TORRENT POWER	472	Jun-15		
20	CGPL	473	Jul-15		
21	JPL	474	Aug-15		
22	TAPS-3&4	475	Sep-15		
23	ESSAR ESIL	476	Oct-15		
24	APL	477	Nov-15		
25	DNH	478	Dec-15		
26	NTPC Mouda	479	Jan-16		
27	KSK	480	Feb-16		
28	RELIANCE TRANSMISSION	481	Mar-16		
29	NTPC SIPAT, CG	482	Apr-16		
30	NTPC KORBA	483	May-16		
31	NCA	484	Jun-16		
32	GOA	485	Jul-16		
33	KAPS	486	Aug-16		
34	RKM POWER GEN	487	Sep-16		
35	NHDC	488	Oct-16		
36	NTPC, Mumbai	489	Nov-16		
37	ADANI TRANSMISSION	490	Dec-16		
38	WRTS-II	491	Jan-17		
39	SUGEN (TPL)	492	Feb-17		

Sasan Power Limited

CIN: U40102MH2006PLC190557

Annexure B.10

Dhirubhai Ambani Knowledge City
1 Block, 2nd Floor, North Wing
Thane Belapur Road, Koparkhairane
Navi Mumbai 400 710

Tel: +91 22 3038 6838

Fax: +91 22 3038 6999

SPL / 2015 / 1446

Mar 02, 2015

To,

- oll
SECY
AND
1. The General Manager,
State Load Despatch Centre (SLDC),
33kV Grid S/Stn Building, Minto Road, New Delhi – 110 002
Phone Office: 011-23221091, Fax: 011-23221069
 2. The General Manager
Northern Load Despatch Centre (NRLDC),
18-A, Shaheed Jeet Singh Sansanwal Marg,
Katwaria Sarai, New Delhi – 110 016
Phone Office: 011- 26537351
 3. The Member Secretary, NRPC
Northern Regional Power Committee
18-A, Qutab Institutional Area,
Shaheed Jeet Singh Marg,
Katwaria Sarai, New Delhi-110 016
Phone Office:011- 26967842/26868681

Subject: Continuous Backing Down of Power from Sasan UMPP

Dear Sir,

This is in connection with continuous backing down of Sasan UMPP by Delhi SLDC and the discussions we had with Tata Power Delhi Distribution Limited (TPDDL) on 20th Feb'15 on the captioned matter. In this context, we would like to submit the following for your consideration:

1. Sasan Power Ltd. (SPL) is supplying power under a long term PPA to seven states i.e. Madhya Pradesh, Punjab, Haryana, Rajasthan, Uttar Pradesh, Delhi and Uttarakhand at unprecedented low levelized tariff of Rs.1.19 per kWh.
2. Sasan UMPP is having one of the lowest overall tariff and also one of the most competitive variable cost tariff among all other thermal power plants. TPDDL is currently paying Sasan at a tariff of ~ Rs 0.702/kWh and hence the variable tariff for the current year as per TPDDL's current payment process is Rs 0.58 / kWh.

Sasan Power Limited

Continuation Sheet

3. It has been observed, on a consistent basis, that power from Sasan UMPP is being surrendered during low demand periods citing reasons such as weather conditions, surplus power availability, high frequency, force scheduling by few Generating Stations etc. It has been observed that on most of these occasions, Sasan UMPP is directed to be backed-down despite having lowest variable cost and despite its position on the top of merit order despatch (data for Feb 2015 from WRLDC and NRLDC websites attached for reference as Annexure-1).
4. We are given to understand that Eastern Region generating stations such as Kahalgaon and Farakka having much higher variable cost as compared to Sasan UMPP are getting / being scheduled forcefully to Delhi resulting in forced back down of much cheaper power from Sasan UMPP.
5. Several instances have been observed during the time blocks when Sasan UMPP was backed down, while other power plants having two to three times higher variable tariff as compared to Sasan UMPP, remained scheduled and operating, thereby not following the Merit Order. It is understood from our discussions with TPDDL that Delhi Transco (Delhi SLDC) has requested NRLDC to take up the above matter regarding forced scheduling/non-adherence to Merit Order in the forthcoming Operational Coordination Committee (OCC) meeting. We would request you to take up the matter in the forthcoming meeting of OCC and keep us updated about the same.
6. Further, one of the often stated reasons for permitting to operate (i.e. not back down) some of the power plants with higher variable costs than Sasan UMPP is that the Unit needs to operate at "technical minimum load". It is observed that for several power plants, technical minimum is asserted to be much higher than what it should be. It is worth noting in this regard that Maharashtra SLDC had carried out the third party (CPRI) testing to determine the correct Technical Minimum load of each generating unit to avoid any gaming. Reportedly, similar exercise was also undertaken by Gujarat SLDC. It is observed from the Minutes of Special Meeting at WRLDC dtd. 27.11.2013 on Reserve Shut Down, that one of the action concluded was WRLDC would implement "Technical minimum" in similar lines as that of Maharashtra.

We would request that similar exercise to determine the correct technical minimum load of each generating unit need to be under taken by NRLDC so that true merit order dispatch is not compromised and power supply to consumers of Delhi is not unduly burdened.

We would highly appreciate if you can include the above issue related to "Technical Minimum Load" as an agenda item for the next OCC scheduled in the month of Mar'15.

Sasan Power Limited

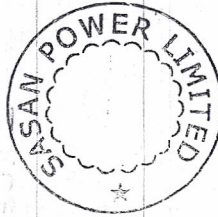
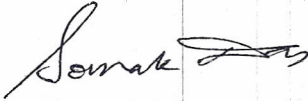
Continuation Sheet

7. We request you to look into the same on priority to avoid any further backing down of Sasan UMPP which will go a long way in reducing the Average Power Procurement cost to the Delhi Discoms and in turn cost of power to the ultimate consumer.

Thanking you.

Sincerely yours,

For Sasan Power Ltd.



Encl: As above

Copy to:

1. The Secretary, DERC
Delhi Electricity Regulatory Commission
Viniyamak Bhavan, C-Block
Shivalik, Malviya Nagar, New Delhi -110017 - India
2. The Managing Director,
Tata Power Delhi Distribution Limited (TPDDL)
Power Management Group, 1st Floor, CENNET SCADA Building
Near PP-3 Grid, Pitampura, New Delhi- 110 034
3. Chief Executive Officer
BSES Rajdhani Power Limited,
BSES Bhawan, Nehru Place, New Delhi – 110 019
4. Chief Executive Officer
BSES Yamuna Power Limited,
Shakti Kiran Building, Near Karkardooma Courts,
Karkardooma, New Delhi – 110 092
5. The Member Secretary
Western Regional Power Committee,
F-3, MIDC Area, Marol, Opp. SEEPZ, Central Road,
Andheri (East), Mumbai - 400 093
6. The General Manager
Western Regional Load Despatch Centre,
F-3, M.I.D.C. Area, Marol,
Andheri (East), Mumbai - 400 093
7. Managing Director/ Chief General Manager (Commercial)
M.P. Power Management Company Limited (MPPMCL)
3rd Floor, Block No.11, Shakti Bhawan, Rampur,
Jabalpur– 482008, Madhya Pradesh

Sasan Power Limited

Annexure - 1

Backing Down by TPDDL - Analysis for the Month of Feb-15				
S.N.	Date	Time Block(s)	Backed down Qty (MU)	Plants which were scheduled during time blocks when Sasan was Backed down (V.C.in Rs/kWh)
1	Feb 1, 2015	1 to 96	1.152	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06), Rihand-1(1.51),Rihand-2(1.47), Rihand-3(1.44), Singrauli(1.22), (Unchahar-1(2.49),Unchahar-2(2.49), Unchahar-3(2.59))
2	Feb 2, 2015	10 to 21	0.133	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06), Rihand-1(1.51),Rihand-2(1.47), Rihand-3(1.44), Singrauli(1.22), (Unchahar-1(2.49),Unchahar-2(2.49), Unchahar-3(2.59))
3	Feb 3, 2015	3 to 23	0.381	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06), Rihand-1(1.51), Rihand-2(1.47), Rihand-3(1.44), Singrauli(1.22), Unchahar-2(2.49), Unchahar-3(2.59))
4	Feb 4, 2015	10 to 22	0.061	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06), Rihand-2(1.47), Rihand-3(1.44),Singrauli(1.22), Unchahar- 2(2.49), Unchahar-3(2.59))
5	Feb 8, 2015	1 to 96	0.061	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06), Rihand-1(1.51),Rihand-2(1.47), Rihand-3(1.44), Singrauli(1.22), (Unchahar-1(2.49),Unchahar-2(2.49), Unchahar-3(2.59))
6	Feb 9, 2015	1 to 47	0.180	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06), Rihand-1(1.51),Rihand-2(1.47), Rihand-3(1.44), Singrauli(1.22), (Unchahar-1(2.49),Unchahar-2(2.49), Unchahar-3(2.59))
7	Feb 12, 2015	14 to 21	0.057	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06), Rihand-1(1.51),Rihand-2(1.47), Rihand-3(1.44), Singrauli(1.22), (Unchahar-1(2.49),Unchahar-2(2.49), Unchahar-3(2.59))
8	Feb 13, 2015	8 to 23	0.357	Kahalgaon-2(3.06),Rihand-1(1.51),Rihand-2(1.47), Rihand- 3(1.44),Singrauli(1.22), Unchahar-2(2.49), Unchahar-3(2.59)
9	Feb 15, 2015	7 to 48 90 to 96	0.195	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06),Rihand- 2(1.47), Rihand-3(1.44),Singrauli(1.22), Unchahar-2(2.49), Unchahar-3(2.59)
10	Feb 16, 2015	1 to 24	0.127	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06), Rihand- 1(1.51),Rihand-2(1.47), Rihand-3(1.44), Singrauli(1.22), Unchahar-2(2.49), Unchahar-3(2.59)
11	Feb 18, 2015	13 to 42	0.115	Farakka(3.61),Kahalgaon-1(3.57),Kahalgaon-2(3.06), Rihand- 1(1.51),Rihand-2(1.47), Rihand-3(1.44), Singrauli(1.22), (Unchahar-1(2.49), Unchahar-2(2.49), Unchahar-3(2.59)
12	Feb 24, 2015	18 to 26	0.126	Farakka(3.61),Kahalgaon-2(3.06),Rihand-1(1.51), Rihand- 2(1.47), Rihand-3(1.44),Singrauli(1.22), Unchahar-1(2.49), Unchahar-2(2.49), Unchahar-3(2.59)
13	Feb 28, 2015	16 to 28 89 to 96	0.07	Kahalgaon-2(3.06),Rihand-1(1.51),Rihand-2(1.47), Rihand- 3(1.44),Singrauli(1.22), (Unchahar-1(2.49), Unchahar-2(2.49), Unchahar-3(2.59)
Total			3.01 MUs	

Annexure 8.11

दूरभाष / Tel: 2673 2652

फैक्स / FAX: 2610 9750

ई-मेल / Email: gmcea@nic.in



भारत सरकार
विद्युत मंत्रालय
केंद्रीय विद्युत प्राधिकरण
ग्रिड प्रबंधन प्रभाग



सेवा भवन, आर.के. पुरम, नई दिल्ली - 110066

(ISO 9001:2008)

वेबसाइट / Website: www.cea.nic.in

Subject: Data of Peak Demand

The peak demand met figure calculated by CEA is a part of the monthly Power Supply Position Report prepared by this division, based on the data provided by five Regional Power committees (RPCs), who in turn collect the data from State /UTs and RLDCs. As per the present methodology being adopted for calculation of States / Regional peak demand met, the figure of peak demand met at any time in the month is taken as peak demand met for the month. For all India monthly peak demand met, the sum of five regional peaks met, which may occur at different points of time is taken.

The above methodology has been reviewed and it has been decided with the approval of Chairperson, CEA that Peak demand Met and Peak Demand in the country should be based on hourly all India demand data. The matter was taken up with POSOCO for getting the hourly data of peak demand met for each month in respect of all the regions in the country in the first week of following month and they have assured to furnish the same. To calculate the demand, data of hourly scheduled and unscheduled powercuts/load shedding is also required, which is not available with POSOCO.

It is, therefore, requested that hourly figures of scheduled/unscheduled power cuts/load shedding data may be collected from States/UTs and the same may be sent to us every month as per above schedule in the enclosed format, in spread sheet, so that hourly figures of peak demand can be calculated and incorporated in Power Supply Position report. This data for a month may kindly be sent in the first week of each month, along with PSP data, starting from the data for the month of February, 2015.

(दिनेश चन्दा) 27/2/15
मुख्य अभियंता

Member Secretary, NRPC, WRPC, ERPC, SRPC, NERPC

संख्या: I/AI/COR/GM-2015/ 346 - 350 दिनांक: 27.02.2015

को. 251035
SE/CO) MDC
5/3
Pl include as
agenda item
Jal
27-02

Format for hourly data of scheduled /unscheduled power cuts/ Load shedding (in MW)

Region -----
Month -----
State/ UT -----

Date	Hour	Scheduled Power Cuts (MW)	Unscheduled power cuts/ Load shedding (MW)	Total Power Cuts/Load shedding (MW)
01.02.2015	01			
	02			
	.			
	.			
	24			
02.02.2015	01			

Note: Data of each State/UT as well as summation thereof for the region should appear in a different worksheet (in the same range of cells) of a workbook.

Subject: Re: Data request reg PFA of GOA

From: Prashant Goyal <prashant.goyal@nic.in> Sat, 21 Feb '15 10:10a

To: You and others

[View blocked images](#)

Dear Mr. Verma and Mr Rajput,

Thanks for the documents. The proposed agenda for the meeting on 24th is as under:

1. Problems in part of transmission line maintained by Karnataka to feed Goa's allocation of 100 MW on SR grid (leads to additional transmission losses during diversion). Further overcharging of wheeling charges by KTPCL.
2. Problems in shifting of loads from SR grid to WR grid and vice versa to stay within limits of power availability and overdrawl.
3. Sale of surplus power from WR or SR grids.
4. Maintenance of rated voltage by MSETCL on WR lines, from Kolhapur.
5. Strengthening of interstate lines and intrastate transmission lines. -PGCIL to takeover the critical interstate lines-funding support under PSDF? ISTS, TBCB, etc.
6. Share of RGPPL and other miniscule allocation for Goa from number of generating stations -can Goa's allocation be lumped at some generation plants rather than spread over a number of generation plants?
7. Feasibility of getting share for Goa from Kaiga NPL.
8. Possibility of increasing allocation of power to Goa.
9. Setting up of SLDC.
10. NOFN network strengthening.

Regards,

Prashant Goyal
Commissioner & Secretary (Power)
Government of Goa
Secretariat
Porvorim
Goa - 403521
Tel: +91-11-8322233222
Fax: +91-11-8322419630

ANNEXURE 10

SR NO	UTILITIES	OCC NO.	MONTH	STATUS	REMARK
1	CHHATTISHGARH	454	Dec-14	HOSTED ON 10.12.13 AT RAIPUR	
2	DD	455	Jan-14	HOSTED ON 16.01.14 AT DIU	
3	GUJARAT	456	Feb-14	HOSTED ON 13.02.14 AT VADODARA	
4	RGPPPL*	457	Mar-14	-	HOSTED ON 11.03.14 AT MUMBAI BY NTPC MUMBAI HQ-I
5	MAHARASHTRA	458	Apr-14	HOSTED ON 16.04.14 BY MSETCL AT MUMBAI	
6	NTPC, HQ-II Raipur*	459	May-14	-	HOSTED ON 12.05.14 AT MUMBAI BY WRPC AT RELIANCE
7	WRTS-I	460	Jun-14	HOSTED ON 13.06.14 AT NAGPUR	
8	KWPCL	461	Jul-14	-	HOSTING ON 10.07.14 AT RAIPUR BY KWPCL(IPP)
9	TAPS-1&2	462	Aug-14	hosted on 11.08.2014 at TARAPUR	
10	NTPC Gandhar/Kawas	463	Sep-14	hosted on 12.09.2014 at Bharuch	
11	RELIANCE SASAN	464	Oct-14	Hosted on 13.10.2014 at Varanasi	
12	WRPC	465	Nov-14		11.11.2014 at WRPC Mumbai
13	MADHYA PRADESH	466	Dec-14	Hosted on 09.12.2014 at Jabalpur	
14	WRPC	467	Jan-15		held on 16.01.2015 at WRPC Mumbai
15	ESSAR TRANSMISSION	468	Feb-15	held on 16.02.2015 at Mumbai	
16	BDTCL/JBTCL	469	Mar-15		to be held on 10 & 11 March 2015
17	NTPC VINDHYACHAL	470	Apr-15		
18	TATA POWER	471	May-15		
19	TORRENT POWER	472	Jun-15		
20	CGPL	473	Jul-15		
21	JPL	474	Aug-15		
22	TAPS-3&4	475	Sep-15		
23	ESSAR ESIL	476	Oct-15		
24	APL	477	Nov-15		
25	DNH	478	Dec-15		
26	NTPC Mouda	479	Jan-16		
27	KSK	480	Feb-16		
28	RELIANCE TRANSMISSION	481	Mar-16		
29	NTPC SIPAT, CG	482	Apr-16		
30	NTPC KORBA	483	May-16		
31	NCA	484	Jun-16		
32	GOA	485	Jul-16		
33	KAPS	486	Aug-16		
34	RKM POWER GEN	487	Sep-16		
35	NHDC	488	Oct-16		
36	NTPC, Mumbai	489	Nov-16		
37	ADANI TRANSMISSION	490	Dec-16		
38	WRTS-II	491	Jan-17		
39	SUGEN (TPL)	492	Feb-17		

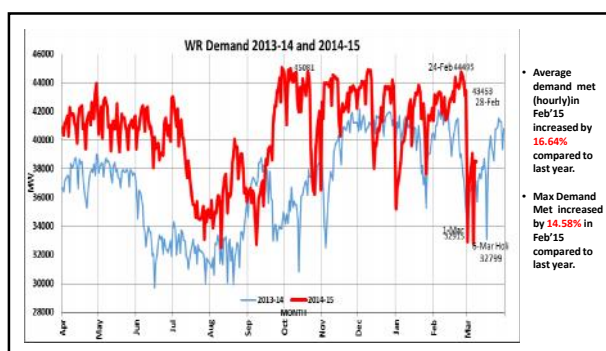
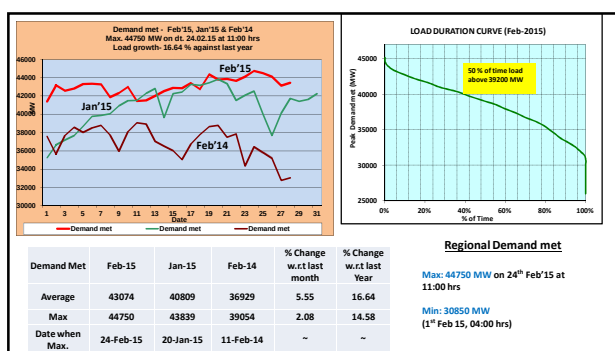
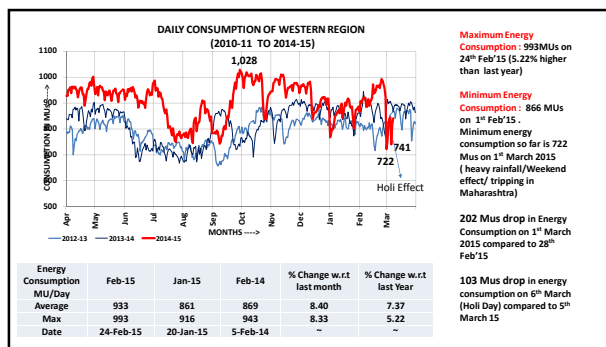
469th OCC Meeting

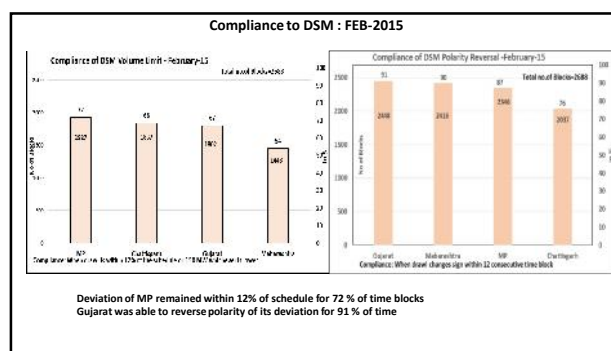
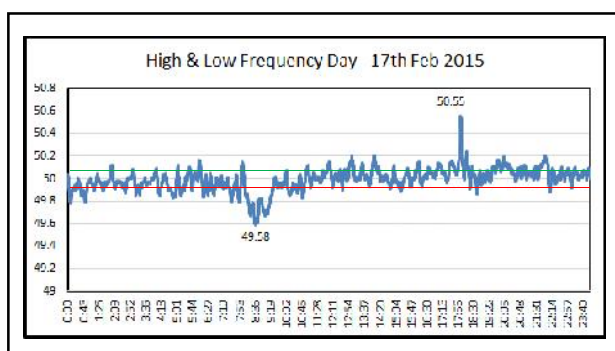
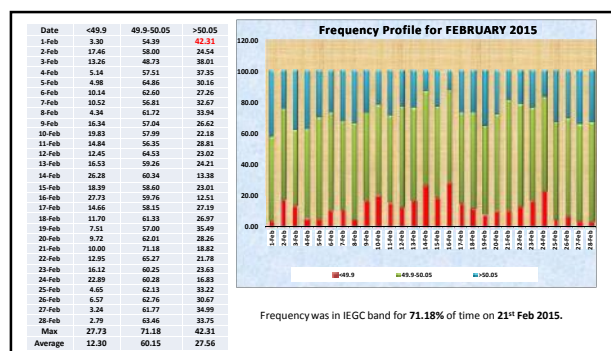
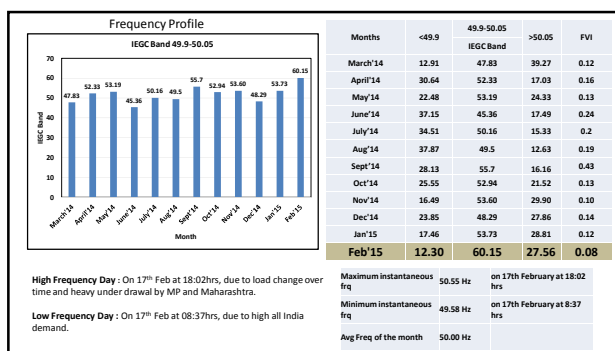


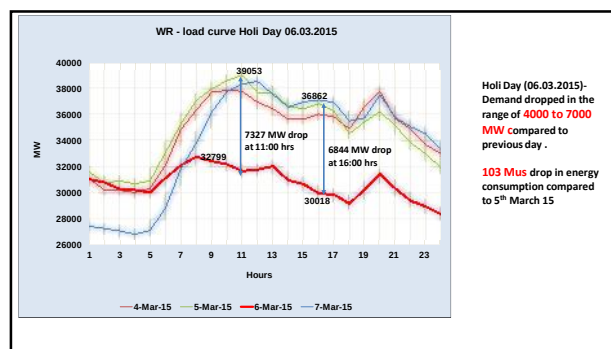
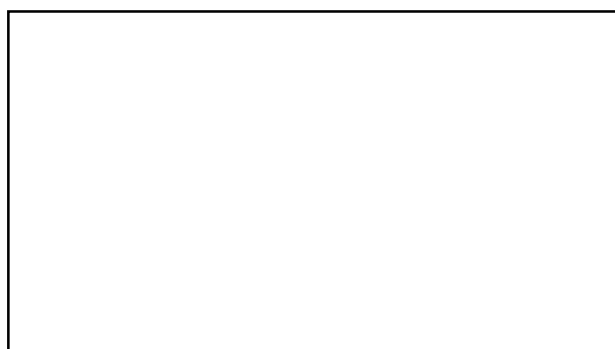
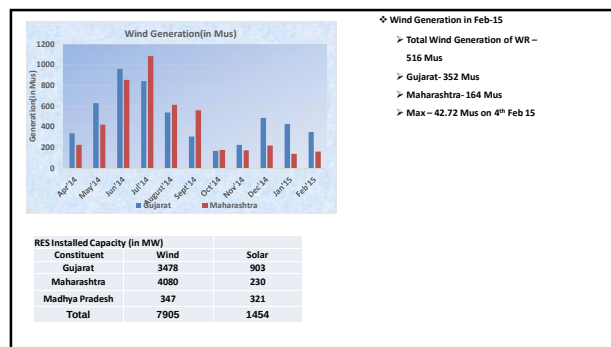
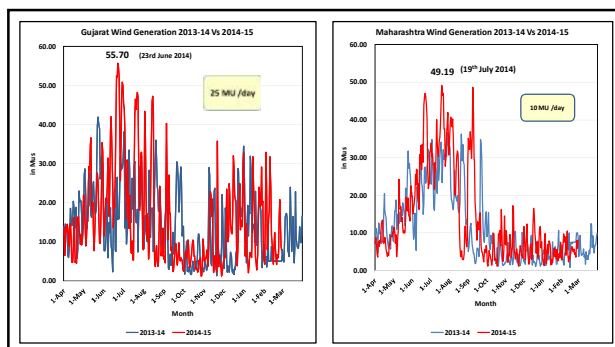
Nagpur

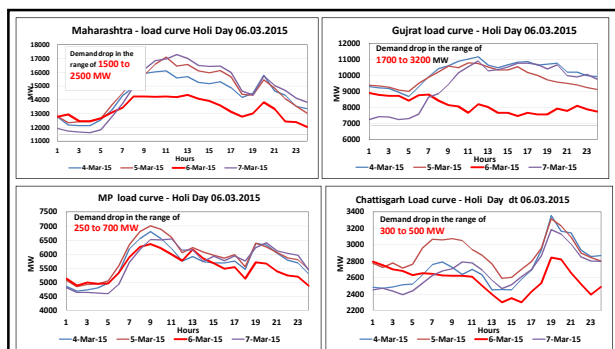
10th March, 2015

Grid Operation Highlights









Addition of New Elements - Feb 2015									
GENERATING UNITS									
SL.NO.	STATE/SGS/IPP	STATION NAME	CAPACITY (MW)	UNIT	DATE				
1	IPP	JP Nigrie	660	II	21/2/2015 (COD)				
2	IPP	Balco	300	I	22/02/2015 (SYN)				
3	MSPGCL	Koradi	660	8	25/02/15 (SYN)				
Total			1620						
Total Capacity added from Apr'14 to Feb'15 – 8961 MW									
TRANSMISSION LINES									
SL.NO.	CONSTITUENT	LINE NAME	CKT NO	KV	DATE	Time			
1	Maharashtra	Koradi III-Akola-2	I	765	06/02/2015	22:52			
2	Maharashtra	Koradi III-Tirora ckt 1	II	765	07/02/2015	00:45			
3	Maharashtra	Koradi III-Akola-2	II	765	24/02/2015	22:29			
4	Powergrid	Solapur-Pune GIS (Shikrapur)	s/c	765	28/02/2015	0:02			
5	Powergrid	Navsari-Magarwada	LLO of Navsari-Vapi ckt-II	400	27/02/2015	16:55			
		Magarwada-Kala				16:25			
		Kala-Vapi				52:44			
Total						1084.3			
Ckt km added in Feb-15 is 1084.3 ckt km. and									
Total Ckt km added from Apr-14 to Feb-15 is = 8113 ckt.km									
ICTS									
SL.NO.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE				
1	Powergrid	Pune	765/400	1500	26/02/2015				

Review of SPS at CGPL, Mundra

Sl.No.	SPS triggering condition	Actions required	Remarks
i)	If export is more than 3300MW and one ckt of CGPL-Bachau D/C trips	Backing down automatically to bring down the generation to 3100MW.	SLDC,GETCO suggested 800MW backing down, but since generation may vary in real time it is better to mention that backing down shall be upto the 3100MW generation level after SPS action.
ii)	If export is more than 3300MW and if CGPL-Chorania or CGPL-Halvad or one ckt of CGPL-Jetpur D/C trips	Backing down automatically to bring down the generation to 3300MW.	SLDC,GETCO suggested 500MW, but since generation may vary in real time it is better to mention that backing down shall be upto the 3300MW generation level after SPS action.

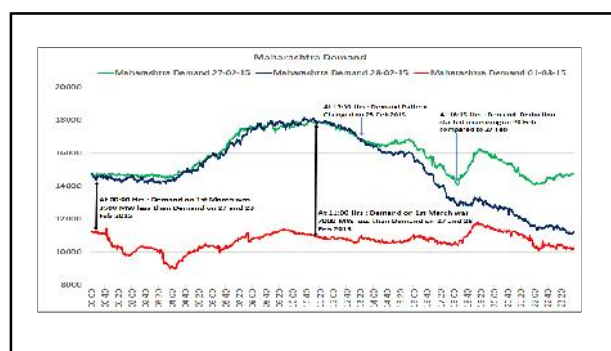
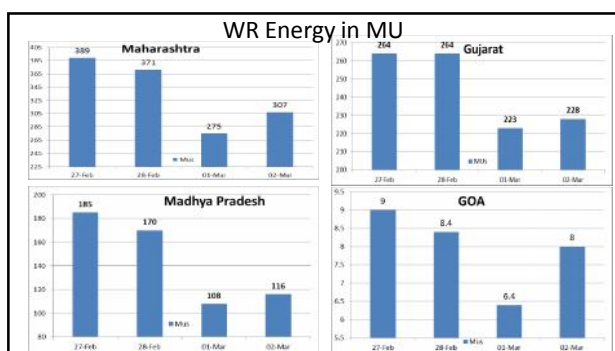
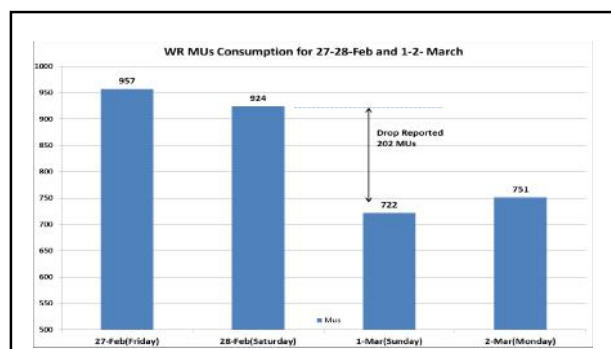
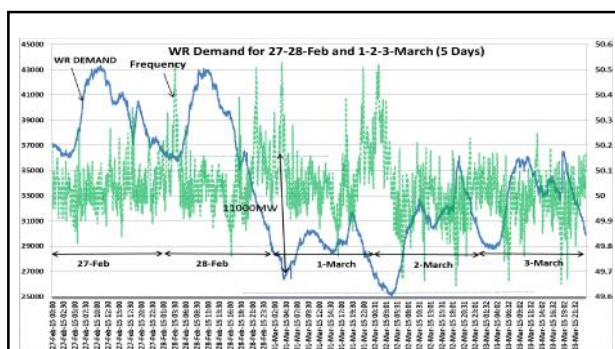
Sl.No.	SPS triggering condition	Actions required	Remarks
iii)	In case of D/C tripping of CGPL-Bachhau, CGPL-Chorania or CGPL-Jetpur	Trip one unit immediately. Unit running at maximum generation to be selected for tripping to get full 800MW reduction immediately to take care of system stability.	This was agreed and implemented by CGPL. Angular separation more than 30degrees.
iv)	In case of D/C tripping of Bachhau-Ranchopura	Backing down automatically to bring down the generation to 3300MW.	

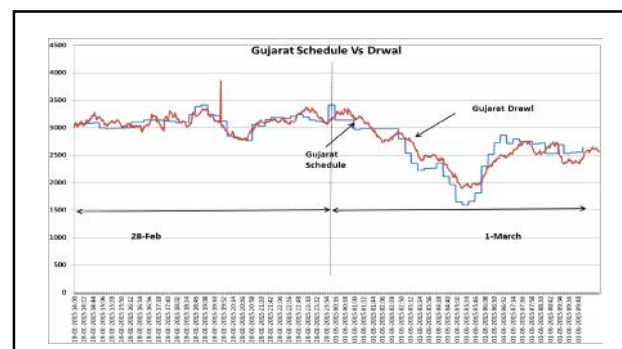
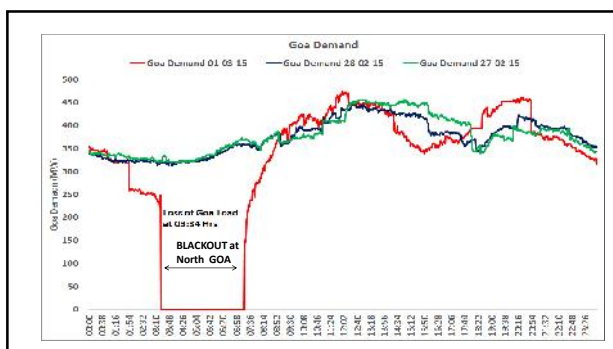
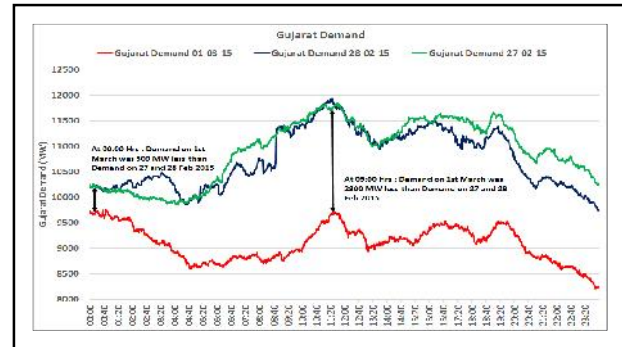
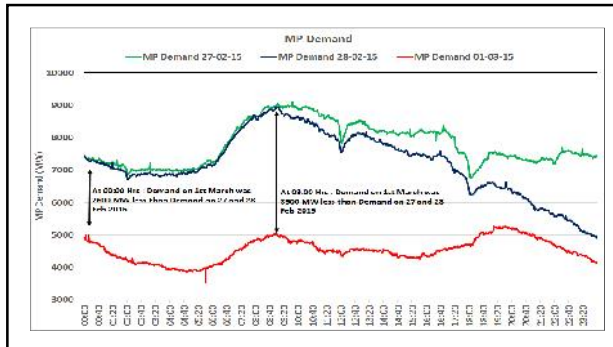
Assumptions:

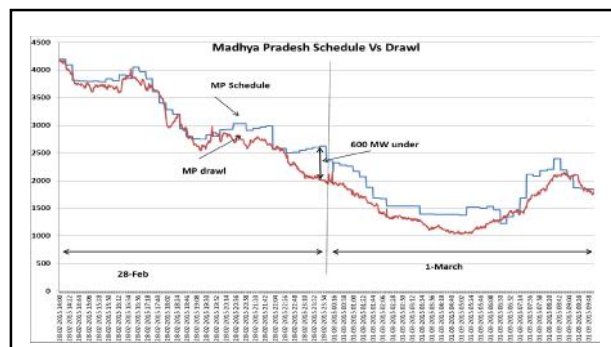
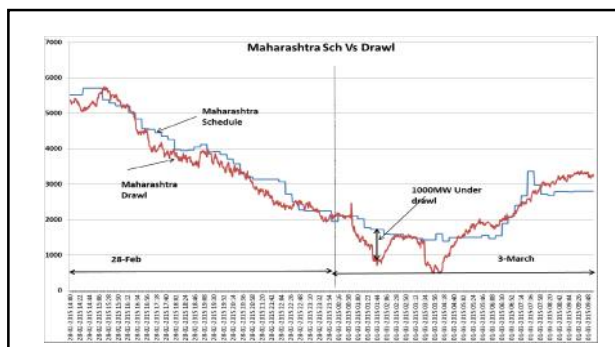
- CGPL : 3800MW
- APL : 4247 MW
- Essar(Vadinar) : 1214MW
- HVDC Mundra : 2000MW
- Under N-1-1 contingencies i.e, when one line is under shut down or has tripped, the system has to be safe and prepared for another contingency, so the generation has to be below 3300MW. Whenever CGPL-Bachhau line is taken under shut down, the generation has to be kept below 3100MW as combination of outage of CGPL-Bachhau and CGPL-chorania is having severe impact highest loading on other CGPL-Bachhau line.

Agenda Item**Load crash in WR on 28th Feb(Saturday)-1st March'15(Sunday)**

- Heavy Rain and weekend effect.
- Load loss of 6000-13000MW
- Drop reported in Energy from 924MU to 722 MU
- Resulted in high Frequency(50.53Hz) and high Voltage
- Multiple line tripped on High Voltage
- Blackout at Southern Maharashtra +North Goa due to high voltage(3:35 to 7:11hrs)
 - 17 number of 400kV line were manually opened before 21:00hrs of 28-Feb
 - 24 number of 400kV lines tripped before 3:35hrs of 1-March
 - Load Loss of 950MW
 - Generation Loss of 415MW (Jaigard -2,4)





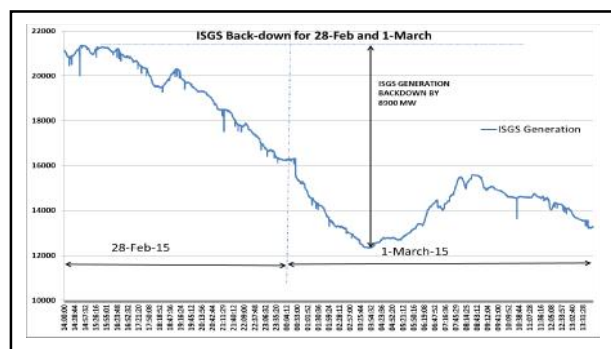


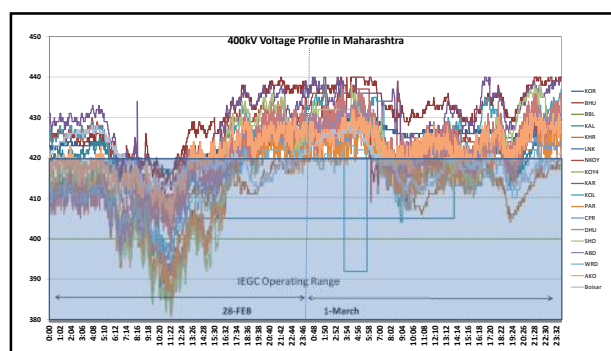
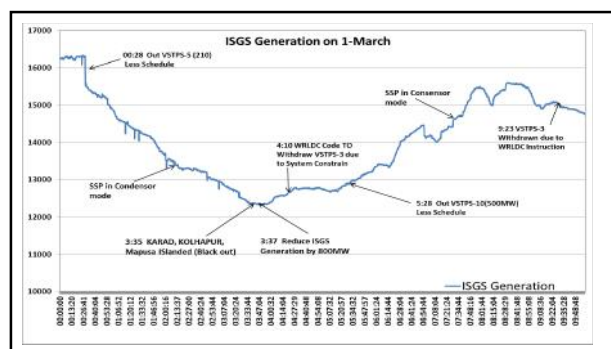
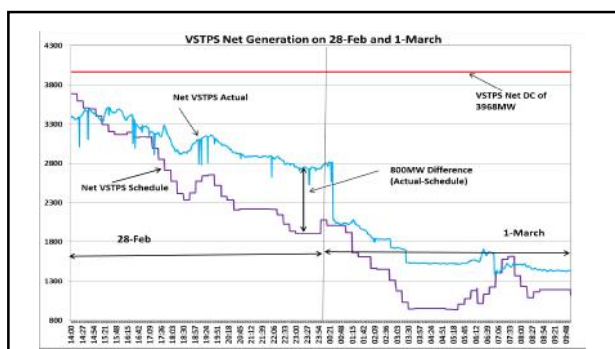
Measure taken to contain high Frequency and high Voltage

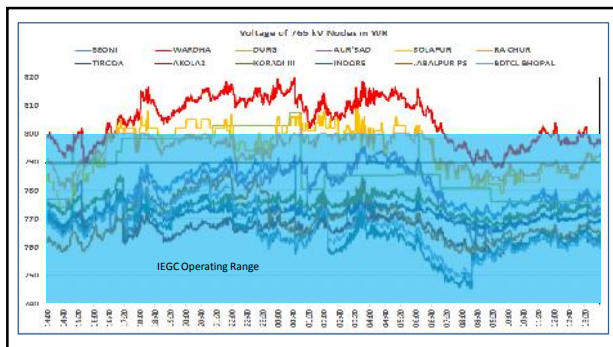
- ISGS Generation was reduced from 21000 MW to 12877 MW
- Following units from ISGS were withdrawn:

Unit Withdrawn	Unit Size	Out Time	Out Date	Syn Time	Syn Date	Reason
VSTPS-5	210	00:28	01-Mar	Still Out	Still Out	Less Schedule
VSTPS-10	500	05:24	01-Mar	08:46	07-Mar	Less Schedule
VSTPS-3	210	09:26	01-Mar	Still Out	Still Out	System Constrain
VSTPS-6	210	23:04	01-Mar	Still Out	Still Out	Less Schedule
Sipat-3	660	22:59	01-Mar	11:03	05-Mar	Less Schedule
VSTPS-12	500	02:29	02-Mar	09:05	09-Mar	Less Schedule
CGPL-30	830	03:11	02-Mar	17:32	04-Mar	Less Schedule
Total	3120					

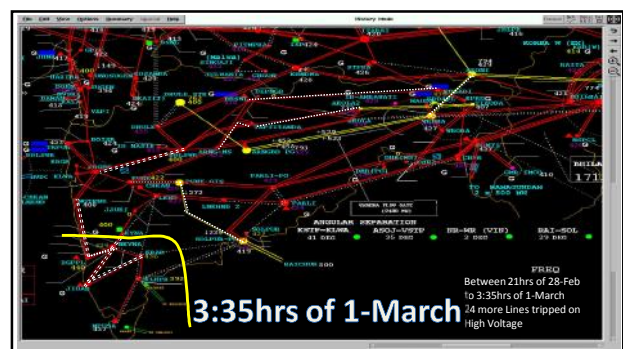
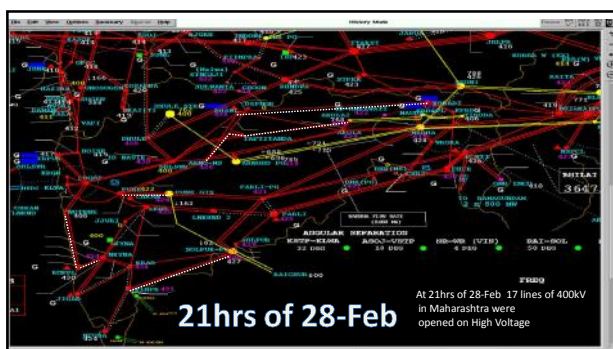
- In addition, the CGPL, VSTPS, Sipat, Korba generation were reduced to run at technical minimum and generation reduction at GMR Chhattisgarh and KWPCL
- Bhusawal-4(500MW), APML-5(660MW) and C'pur-5(500MW) ready for synchronization were not taken in service at night hour. (1660MW)



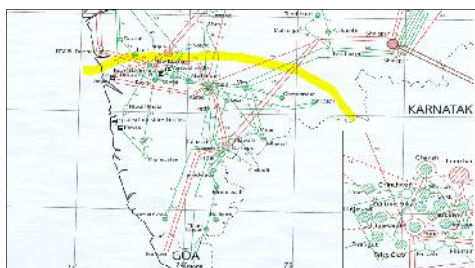




BLACKOUT In South Maharashtra
at Karad, New Koyna and Kolhapur
and Mapusa(North GOA)



Blackout Area



Observation and Suggestions

- Maharashtra telemetry of 400kV and 220kV station not available at WRLDC.
- Wind Generation (13 MU on 1st March) around south Maharashtra could have been reduced to improve voltage profile
- Only two unit at Koyna was running at condenser mode to improve voltage.
- Reactive shunt compensation at Solapur(MS) (125MVAR), Kolhapur(125MVAR), Akola(125MVAR) and Karad(125MVAR) long pending, to be expedited as per Schedule of March'14.

Status of telemetry in Western Region

Western Region summary sheet and details of current status of implementation of telemetry system

Annexure - IV

Status as on :											02.03.15		
Sl. No.	User Name	Total Nos of Stations	Telemetry not Provided				Telemetry Intermittent				Total non-availability of data in % (Telemetry not provided plus Telemetry Intermittency)		
			Total nos of station	Non-availability of data in % (wrt total nos of stations)			Total nos of station	Non-availability of data due to intermittency in % (wrt total nos of stations)					
			GS	SS	GS	SS	GS	SS	GS	SS	GS	SS	
1	Maharashtra	32	102	2	21	6.3%	10.9%	3	45	9.4%	23.4%	15.6%	34.6%
2	Chattisgarh	8	80	1	35	12.5%	50.3%	2	17	25.0%	10.1%	37.5%	58.4%
3	Madhya Pradesh	10	85	2	2	2.4%	2.4%	0	0	0.0%	0.0%	0.0%	0.0%
4	Gujarat	25	121	2	2	1.7%	1.7%	1	1	0.8%	0.8%	0.8%	0.8%
5	Bihar	2	2	2	2	100.0%	100.0%	0	0	0.0%	0.0%	0.0%	0.0%
6	OD	1	1	1	1	100.0%	100.0%	0	0	0.0%	0.0%	0.0%	0.0%
7	DNH	1	1	1	1	100.0%	100.0%	0	0	0.0%	0.0%	0.0%	0.0%
8	SSS	8	8	8	8	100.0%	100.0%	0	0	0.0%	0.0%	0.0%	0.0%
9	POWERGRID	22	36	0	0	0.0%	0.0%	2	5	9.1%	13.9%	9.1%	13.9%
10	IPP	22	36	0	0	0.0%	0.0%	2	5	9.1%	13.9%	9.1%	13.9%
TOTAL		114	535	9	67	2.4%	12.5%	7	55	6.1%	14.0%	8.8%	26.5%
Total (over all)			649	70	10.8%	10.8%	82	12.6%	12.6%	23.4%	23.4%	23.4%	23.4%
Note:													
1. Supporting Details are given below													
2. Intermittency of data due to shifting of or new communication & data is verified as WRSDC in current week													
3. Communication between all SDCs to WRDLC is in radial mode in UDP network and any failure in any equipment / fibre leads to total data black out													
4. Some of Major generating Stations Real-time data is working on single channel leading to loss of data at times													
Example: CGPL-SAS, Adani-MEERKOT, TAMILNADU													

Note:
 1. Supporting Details are given below
 2. Intermittency of data due to shifting and to new communication & data is not at WRLDC in current week
 3. Communication between all SDCs to WRLDC is in radial mode in U&E network and any failure in any equipment / fibre leads to total data blackout
 4. Some of Major generating Stations & sub-stations are working on single channel leading to loss of data at times
 (Example: COPV, BASAN, Adani(MSRB), KOTRA, TAMAR etc.)

Status of telemetry in Western Region ... Conti

	Telemetry not available	Telemetry Intermittent	Updated in 467th OCC	Updated in 468th OCC
Maharashtra				
1	400kV Warora	Total 48 Stations 220kV data is intermittent	March-15	March-15
2	400kV Lonikhand(New)			
3	400kV Chandrapur StgII			
4	400kV Tapthithanda			
5	400kV Khaparkheda			
6	400kV Deepnagar			
7	Further, 17 more stations where 220kV station data is not available			

Status of telemetry in Western Region ... Conti				
S No	Telemetry not available	Telemetry intermittent	Updated in 467th OCC	Updated in 468th OCC
Chhattisgarh				
1	36 Station of 132kV where Telemetry is not available	19 Station of 132kV where Telemetry is intermittent	-	Check and update the status
GOA				
1	220kV Amona	220kV Tivim,	Not Updated	Not Updated
2	220kV Cuncolim	220kV Ponda,		
		220kV Xeldam		
		110 kV Kadamba		
		110kV Verna		
DD and DNH				
1	220kV Magarwada.		Not Updated	Not Updated
2	220kV Kharadpara			
3	220kV Khadoli			

Status of telemetry in Western Region ... Conti			
POWERGRID			
Station	Intermittent Telemetry	Updated Completion date in 467th OCC	Updated Completion date in 468th OCC / Present Status
Telemetry Status			
1	765kV Kotra	31-Jan-15	Completed(Data not Coming)
2	765kV Tamnar	31-Jan-15	Completed(Data not Coming)
3	400kV Navsari	28-Feb-15	28-Feb-15 (Intermittent)
4	765kV Dharamjaygarh	28-Feb-15	28-April-15 (Intermittent)
5	400kV Magarwara	-	- (Intermittent)
PMU Data			
1	Satna PMU data at WRLDC	28-Feb-15	28-Feb-15/ Not available
Alternate 2nd Channel			
1	Aurangabad alternate 2 nd channel	31-Mar-15	31-Mar-15 / Even data from single Channel is highly Intermittent

Status of telemetry in Western Region ... Conti			
IPP			
	Station Intermittent Telemetry	Updated Completion date in 467th OCC	Updated Completion date in 468th OCC
1	JPL	Not Updated	Work is in Progress/ Even data from first Channel is highly intermittent
2	ESSAR Mahan	Not Updated	Within Week/ Not Yet Commissioned
Redundant Comm. Channel			
	Redundant Comm. Channel	Completion date in 467th OCC update	Completion date in 468th OCC update
1	APL Tiroda	28-Feb-15	28-Feb-15 / Not Yet Done
2	CGPL	31-Jan-15	Software Modification / Not Yet Done
3	SASAN UMPP	31-Jan-15	Not informed / Not Yet Done

Failure in ULDC Telecommunication System in February-15

- **Continuous 384hrs, 765kV Dharmjaygarh** data completely out from 00:25hrs of 4-Feb-15 to 12:30hrs of 19-Feb-15
- **Continuous 1034hrs, Tarapur Stg-1** data not available since 00:00hrs of 21-Feb-15
- **Continuous 124hrs 400kV Vindhyachal** Generation of 3250 MW was not visible (8:45hrs of 24-Feb-15 to 12:30hrs of 1-March)

Failure in ULDC Telecommunication...Conti

Member may like to deliberate the following issues

- 1) Progress in communication patch-up at all Wide band locations where both ULDC and Telecom co- Exist.
- 2) 765kV Dharmjaygarh station data was completely out from 00:25hrs of 4-Feb-15 to 12:30hrs of 19-Feb-15. Thereafter data was intermittent till date.

Testing and commissioning of New Generating units

- Following are expected to inject infirm power as part of Testing and commissioning activity for Capacity addition in FY 2014-15
 - a) SASAN UMPP Unit-6 (660MW synchronized)
 - b) Maruti Clean Coal Ltd unit-1 (300MW)
 - c) RKM Power Unit-1 (385MW – two time synchronised)
 - d) Koradi-8 (660MW synchronized)
 - e) Ratan India Amravati (270MW synchronized at 2:17hrs of 3-March-15)
 - f) Jindal Power Limited (JPL stg-2 at Tamnar) (Expected to synchronize Unit-4 600MW by 15-March-15)
- COD / 72hr testing completed
 - a) Jaypee Nigrie Unit-2 (660MW)—COD done
 - b) GMR- Chattisgarh (unit-1 685MW – 72 hours test done)
- Other entities may also furnish the details of Generating units expected to be under performance test in Feb'15 and March'15.

Secure evacuation from Sasan-Vindhyachal complex

Total generation at Sasan and Vindhyachal complex is around 8220 MW. Envisaged transmission system for evacuation from Sasan-Vindhyachal complex is as under

Element Name	Status in 467 th and 468 th OCC / Present Status
765 kV Sasan-Satna ckt-1	In operation
765 kV Sasan-Satna ckt-2	In operation
2x1000 MVA, 765/400 kV ICT at Sasan	In operation
765 kV Sasan-Vindhyachal	Expected in March-15 / PGCIL to indicate the present Status
765 kV Vindhyachal-Satna -1	Expected in March-15 / PGCIL to indicate the present Status
765 kV Vindhyachal-Satna -2	Expected in March-15 / PGCIL to indicate the present Status
2x1500 MVA, 400/765 kV ICT at Vindhyachal PS	Expected in March-15/ PGCIL to indicate the present Status
765 kV Gwalior-Jaipur	Expected in March-15 / PGCIL to indicate the present Status

Extension of contingency supply to large Power station

CGPL UMPP :

- CGPL may share the proposal accepted by them for availing the start-up supply during contingency situation.

Other Power Station:

- Highlight any other issues for availing the survival power.

TTC/ATC for each STATE control area

Joint studies done by WRLDC
and SLDC-Kalwa on 26-02-2015

Aurangabad and Tiroda evacuation is the
limiting constraint

Maharashtra TTC/ATC agreed as follows:

Case A : If Tiroda generation is $\leq$ 1800MW, TTC
=7000MW, TRM=300MW and ATC=6700MW

Case B: If Tiroda generation is $>$ 2200MW, TTC
=6600MW, TRM=300MW and ATC=6300MW.

Case C: If Tiroda generation is between 1800MW
and 2200MW, TTC =6600MW+ (2200-Tiroda
generation), TRM=300MW and ATC=6300MW +
(2200-Tiroda generation).

Critical loading

- 765/400 kV ICTS Aurangabad (PG)
- 400 kV Aurangabad-Waluj
- 400 kV Aurangabad-Pune D/C
- 400 kV Parli-Pune D/C

- Other States may also finalize the TTC /ATC for each State Control Area

Measures to Relieve congestion & Improve TTC

- Expedite the commissioning of 220kV inter connections from Aurangabad(PG), Tapthithanda, Warora and Pune(PG)
- PGCIL to expedite commissioning of 765kV Aurangabad-Sholapur D/C lines
- Commissioning of 400kV bays at Dhule before Mar'15 to complete the 765kV Aurangabad(PG)-Dhule and 400kV Dhule(BDTCL)-Dhule(MS) path which would relieve congestion at 765/400kV Aurangabad ICTS and 400kV Aurangabad(PG)-Aurangabad(MS) D/C
- MSETCL would take up the proposal of re-orientation by forming 400kV Aurangabad(PG)-Pune(PG) lines by disconnecting from Aurangabad(MS) in standing committee. WRLDC also agreed to review the proposal. But availability bays at Aurangabad(PG) and construction of additional inter connection would have to be discussed with PGCIL.
- As a contingency measure, till 220kV lines are not commissioned from Aurangabad(PG), MSETCL would explore feasibility to implement load trimming scheme at Aurangabad for n-1 contingency of 765/400kV Aurangabad ICTS and 400kV Aurangabad(PG)-Aurangabad(MS) D/C which would help in real time operation.
- MSETCL would implement load trimming scheme at Boiser(MS) for which MSLDC has already initiated a plan.

Transmission Constraints in Maharashtra

Name of the line	In OCC -467	In OCC -468
	Target Completion Date (as given by utilities)	Target Completion Date (as given by utilities)
Maharashtra		
2x1500 MVA 765/400 kV, ICTs at Ektuni	Aug-15	Aug-15
400 kV Bableshwar-Kudus D/C (Quad)	Jun-15	Jun-15
400kV IEPL-Warora	SLDC Maharashtra would give detail of the revised arrangement for IEPL in place of 400kV IEPL-Warora D/c / March-15	
LILO of 400 kV Chandrapur-Parli at Nanded	Jun-15	Jun-15
Additional 220 kV outlets from Pune(PG)	Sep-15	Sep-15
220 kV outlets from Aurangabad(PG)	-	MSETCL to indicate
220 kV outlets from Tapthithanda	-	MSETCL to indicate (Sep-15)
220 kV outlets from Warora	-	MSETCL to indicate
MEGPTL		
765 kV Akola(II)-Ektuni -2 (To be charge at 400kV at Tapthithanda)	Feb'15	March-15
765 kV Koradi-III- Akola(II)-2	Jan'15	Charged on 24-Feb-15
BDTCL		
400 kV Dhule(MH)-Dhule(BDTCL)(Idle)	Non-readiness of Bays at MSETCL end / April-15	

Transmission Constraints in Maharashtra

Name of the line	In OCC -467	In OCC -468
	Target Completion Date (as given by utilities)	Target Completion Date (as given by utilities)
POWERGRID		
765kV Pune(GIS)-Sholapur(PG)	Feb-15 /June-15	Charged on 28-Feb-15
400kV Aurangabad-Boisar-D/c	July-15	July-15
765 kV Aurangabad-Sholapur -1	June-15	June-15 / PGCIL to indicate Present Status
765 kV Aurangabad-Sholapur -2	June-15	June-15 / PGCIL to indicate Present Status
LILO of both circuits of Aurangabad - Pune 400 kV D/c line at Pune 765/400 kV GIS	Feb-15	Feb-15 / PGCIL to indicate Present Status
LILO of Parli- Pune 400 kV D/c line at Pune 765/400 kV GIS	Feb-15	Charged on 24-25-Feb-15
400 kV DGEN-Vadodara D/C	Contingency arrangement to be discussed in CEA Standing committee	
765kV Aurangabad(PG)-Padghe(PG)-D/c	June-15 / PGCIL to indicate Present Status	

Utilization of available Pump Storage Hydro Plants

- Gujarat may share the Report on pumping mode operation of Kadana PSP Hydro units.
- Maharashtra informed in 28th TCC WRPC meeting
Ghatgarh and Paithan running in pumping mode
Ujjaini and Bhivpuri not capable of Pumping
Update the PSP status of
 - Koyna left bank (2x40MW)
 - Malsej Ghat (700MW)
 - Humbarli.(400MW)
- NCA: Modalities for operation of pumping at SSP may be worked out

9.7 Reliability of DG set at Blackstart stations

Action Plan for Two DG sets at Black-start stations ?

Stations with only one DG set			
Station Name		Make	Year
Maharashtra			
1	Khopoli	CUMINS INDIA PVT. LTD.	1992
2	Bhivpuri	Catter Pillar	1997
3	Bhira	Catter Pillar	2002
4	Bhira PSS	CUMINS INDIA PVT. LTD.	1994
5	Trombay	Kirloskar	1993
6	KOYNA I & II	AEG (Made in Germany)	1958
7	URAN	Kirloskar	2006
8	Paithan	Kirloskar	1991
Chhattisgarh			
9	Hasdeo Bango	CUMINS INDIA PVT. LTD.	1996

9.7 Reliability of DG set at Blackstart stations ...Conti

Stations with only one DG set			
Station Name		Make	Year
Madhya Pradesh			
10	Pench	CUMINS INDIA PVT. LTD.	1999
11	Bargi	Cumins India Ltd. Pune	1999
12	Medikheda	Crompton Greaves	2005
13	Tons(Bansagar)	Crompton Greaves	2005
14	Rajghat	KIRLOSKER ELECTRICAL Ltd	1995
15	GandhiSagar	KATO ENGINEERS	1958
16	Birsinghpur	HBL	2014
Gujarat			
17	GPEC(CLIPII)	Caterpillar Model No. 3608	1990
18	GIPCL-I	KIRLOSKAR CUMINS LTD	1991
19	Ukai (H)	Kirlosker Electric Co.Ltd	1987
20	Mini Hydro	Jyoti Ltd.,Baroda	1983
21	Kadana	KIRLOSKAR CUMINS LTD	1990
22	KAWAS	Ceglec Ltd.	1991
23	GANDHAR	Nijgata Enagg Japan	1994

8.1 Mock Black Start Exercise in Western Region

Tentative Schedule for Mock-Dill of Black start Station was approved in last OCC-467th. Accordingly, concern representative may update the status and plan for pending Mock-dill exercise

	Power Station	State	Tentative dates (Jan'15- Jun'15)
1	Ukai (H)	Gujarat	1 st wk. of Feb'15
2	Gandhisagar	Madhya Pradesh	1 st wk. of Feb'15
3	Kadana	Gujarat	4 th wk. of Feb'15 (Completed)
4	Birsinghpur	Madhya Pradesh	4 th wk. of Feb'15
5	Pench	Madhya Pradesh	1 st wk. of Mar'15
6	Uran (Gas)	Maharashtra	2 nd wk of Mar'15
7	Dhuvaran	Gujarat	3 rd wk of Mar'15
8	Ghatghar	Maharashtra	4 th wk of Mar'15
9	GIPCL-I	Gujarat	1 st wk of April'15
10	Khopoli	Maharashtra	2 nd wk of April'15

8.1 Mock Black Start Exercise in Western Region.... Conti

	Power Station	State	Tentative dates (Jan'15- Jun'15)
11	Hasdeo Bango	Chhattisgarh	2 nd wk of April'15
12	Bargi	Madhya Pradesh	2 nd wk of April'15
13	CLPIPL	Gujarat	3 rd wk of April'15 (Done on 6-March) After 17 Years
14	Bansagar Stage-I	Madhya Pradesh	4 th wk of April'15
15	Bhivpuri	Maharashtra	4 th wk of April'15
16	Sugen	Gujarat	4 th wk of April'15
17	SSP	Gujarat	1 st wk of May'15
18	Indira Sagar	Madhya Pradesh	1 st wk of May'15
19	Bhira	Maharashtra	1 st wk of May'15
20	Koyna I & II	Maharashtra	2 nd wk of May'15
21	Omkareshwar	Madhya Pradesh	4 th wk of May'15
22	Bhira PSS	Maharashtra	4 th wk of May'15
23	Kawas	Gujarat	4 th wk of May'15
24	Gandhar	Gujarat	1 st wk of June'15
25	Medikheda	Madhya Pradesh	1 st wk of June'15
26	Rajghat	Madhya Pradesh	4 th wk of June'15
27	Palthan	Maharashtra	2 nd wk. of June'15
28	Trombay	Maharashtra	4 th wk of June'15
29	Mini Hydro	Gujarat	

SPS envisaged for SR-NEW Grid Operation

Responsible Agency	Pending Action/ Status	Progress Stated in 468 OCC / Present Status
KWPCL/DB Power	At both the places works reported completed.	Signal was reported received OK at both the station. To be confirmed again
POWERGRID	Balco wiring is completed and Lanco wiring will be completed by 28-Feb-15.	Balco to confirm receipt of Signal. Lanco / POWERGRID to confirm wiring status
JPL	Work is completed ready for testing.	Completed
MSETCL and POWERGRID	MSETCL to coordinate with POWERGRID for extending SPS Signal for 250MW Load shedding or 250MW generation increase in Koyna and Hydro	Present status to be discussed
MSETCL and POWERGRID	MSETCL to coordinate with POWERGRID for extending SPS Signal at IEPL, Koradi, Khaparkheda, Chadrapur	Present status to be discussed

ADMS(Automatic Demand Management Scheme)
Implementation as per Sec. 5.4.2 of IEGC:

- Present Status may be updated.
 - Gujarat has submitted the updated status of ADMS implementation as on 31.01.2015. Project completion date is by 31st March,2015.
 - Madhya Pradesh has submitted the updated status. Project completion 3rd / 4th Quarter of 2015.
 - Maharashtra has submitted the status. Project completion by 2nd Quarter of 2015.
- Other utilities Chhattisgarh, Goa , DD and DNH may furnish the updated status to WRPC/ WRLDC

Non availability of Bus bar Protection at 400 kV Korba (West)

- As per the Last two OCC expected commissioning date of Korba(West) bus bar protection is March'15. The present status may be updated.

Lack of Bus bar protection at 220 kV Bus cause complete Blackout of 400 kV Birsinghpur Thermal station

- MPPGCL may update the present status.

Failed Mock testing of SPS for 765 AGRA- GWALIOR on 24th Dec-14

- MS WRPC stated that Mock test may be conducted after talk with NRPC.

