



भारत सरकार
केन्द्रीय विद्युत प्राधिकरण
पश्चिम क्षेत्रीय विद्युत समिति
एफ-3, एमआयडीसी क्षेत्र, अंधेरी (पूर्व), मुंबई - 400 093



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Government of India
Central Electricity Authority
Western Regional Power Committee
F-3, MIDC Area, Andheri (East), Mumbai - 400 093

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सं: पक्षेविस/प्रचा. / प्रसस-कार्यवृत्त /2019-20/

3376 दिनांक 09 MAR 2020

सेवा में,

विषय:- प.क्षे.वि.समिति, मुंबई की प्रचालन एवं समन्वय समिति की 528 वीं बैठक का कार्यवृत्त।

महोदय,

पश्चिम क्षेत्रीय विद्युत समिति मुंबई की प्रचालन एवं समन्वय समिति की दिनांक 20 फरवरी 2020 को एनटीपीसी विंध्याचल में आयोजित 528 वीं बैठक का कार्यवृत्त आपकी सूचनार्थ संलग्न है।

धन्यवाद।

संलग्न : उपरोक्तानुसार

भवदीय,

दीपक गवाली

(दीपक एन गवाली)
अधीक्षण अभियंता (प्रचालन)

List of OCC Members

1.	Chief Engineer (L D), GETCO, Gotri	0263-2352019
2.	Chief Engineer (Generation), GSECL, Vadodara	0265-2344734/2338847
3.	Superintendent Engineer (CP & SS), GETCO, Vadodara	0265-2337918, 2338164
4.	Chief Engineer (L D), MPPTCL, Jabalpur	0761-2664343
5.	Chief Engineer (O&M:Gen), MPPGCL, Jabalpur	0761-2664572/2668050
6.	Chief Engineer (L D), MSETCL, Kalwa	022-27601769
7.	Chief Engineer (PP), MSEDCL, Mumbai	
8.	Chief Engineer (Works), MSPGCL, Mumbai	022-26473896
9.	Superintending Engineer (LD), MSETCL Ambazari	07104-220275
10.	Chief Engineer (L D), CSPTCL /Raipur	0771-2574174
11.	Chief Engineer (O&M:GEN), CSPGCL, Raipur	0771-2574425
12.	Executive Director, PGCIL Raipur	
13.	General Manager, POSOCO, Mumbai	022-28202630
14.	General Manager (WRTS-I), Powergrid, Nagpur	0712-2641366
15.	General Manager (O & M), WRTS-II, PGCIL, Vadodara	0265-2487542
16.	Chief Engineer (Transmission), NPCIL, Mumbai	25580741/25563350
17.	Station Director, TAPS, Tarapur 1 & 2	02525-282125/244125
18.	Station Director, TAPS, Tarapur 3 & 4	02525-244021/244169
19.	Station Director, KAPS, Kakrapar 1 & 2	02626-231231
20.	Station Director, KAPS, Kakrapar 3 & 4	
21.	General Manager (OS), NTPC, Mumbai	022-28216692
22.	General Manager, NTPC, Korba	07759- 237462/237552
23.	General Manager (OS), NTPC, HQ-II Raipur	0771-2544550
24.	General Manager, NTPC, Vindhyachal, M.P.	07805 -247711
25.	General Manager, NTPC, SIPAT, CG	07752-246504
26.	General Manager NTPC LARA	
27.	General Manager NTPC Gadawada	
28.	General Manager NTPC Kharagone	
29.	General Manager NTPC Solapur	
30.	General Manager, NTPC, Kawas, Surat	0261-2860290
31.	General Manager, NTPC, Gandhar	02642-287402
32.	General Manager, NTPC, Mouda	07115-281221/281219
34.	CLD TPC, Mumbai	022-25541908/67175385
35.	Head (O), Dahanu TPS, Dahanu	02528-222039
36.	Sr V P Reliance Transmission, Pune 30471555	0124-3917982/020-
	Vice President (Generation), Torrent Power Ltd, Ahmedabad	079-27506679
37.	Executive Director, Sugan CCPP, Torrent Power Ltd, Surat.	02621-661151
38.	Vice President (O & M), APL Mundra , Gujarat	02838-266364
39.	Head Operation CGPL Mundra	
40.	Vice President (Opn), Jindal Power Ltd., Raigarh	07767-281993/281995
41.	AGM(OS) NSPCL Delhi	011-26717363, 26717366
42.	GENERAL MANAGER (POWER), RGPPL, Ratnagiri	02359-241071/ 241011
43.	Member (Power), NCA, Indore	0731-2559888
44.	Chief Engineer (PM & C), NHDC, Bhopal	0755 4030188/4030130
45.	E. E. Elect. (Ponda), Goa	0832-2313780
46.	Executive Engineer DD (UT), Daman	0260-/2230771/2250889/2230550
47.	Executive Engineer DNH (UT), Silvassa	0260-2642338
48.	Secretary, CERC, New Delhi	011-24360010/23753923
49.	CEO, JSW Energy Ltd.	011-46032343/26183546
50.	VP-Power Infra-Essar Hazira Surat	0261-6688498/022-67082198
51.	Chief Electrical Distribution Engineer CR	022-22621060
52.	Vice President EPTCL Hazira Surat	0261-6682747
53.	COO, Korba West Power Co. Ltd. Raigarh	
54.	VP(COMML) Essar Power MP Ltd MP	
55.	GM Torrent power grid ltd. Ahmedabad, Gujarat	
56.	Adani Power Maharashtra Ltd Tiroda	
57.	CGM, R K M Powergen Pvt Ltd	
58.	ED, Athena Chattishgarh Power Ltd.	
59.	Head(O&M) Dhariwal Infra Ltd C'pur	
60.	Head Operation Jaypee Nigrie STPP Singrauli.	
61.	VP(O&M), GCEL, Chhattishgarh	
62.	Head Operation DB Power, Chhattishgarh.	
63.	Head operation Hindustan Power, Anuppur MP	
64.	Head operation GMR, Warora Energy Ltd.	
65.	Head O&M, Sterlite Grid Ltd Bhopal	
66.	Head Operation Balco, Chhattishgarh.	
67.	Head(O& M), SKS, SPGCL, Raigarh	
68.	AVP, O&M Electrical, RIPL, Amravati	

Minutes of 528th OCC Sub- Committee Meeting held on 20th February, 2020 at WRPC, Mumbai

528th meeting of Operation & Co-ordination sub-Committee (OCC) of Western Regional Power Committee (WRPC) was held on 20th February 2020 at WRPC, Mumbai. The list of participants is enclosed at **Annexure-I**.

Shri Satyanarayan S., Member Secretary (MS), WRPC extended warm welcome to all the participants of the 528th OCC meeting. On onset of discussion in the meeting, he informed that arrangement for availing no fixed cost upto technical minimum was finalised in 527th OCC and it has become operational in Western Region.

After the opening remarks from MS and a round of introduction of participants was followed and thereafter, MS handed over to SE (Opn), WRPC to take up item wise discussion of 528th OCC.

Item No. 1: Confirmation of the Minutes

Minutes of 527th meeting of Operation & Coordination Sub-Committee (OCC) of WRPC held on 24th January, 2020 at WRPC, Mumbai were issued vide letter No. WRPC/OPN/OCC-Minutes/2019-20/761 dated 17.02.2020.

OCC Sub-Committee confirmed the Minutes of 527th OCC without any modification as there was no comments from any member.

Item No. 2: Review of System Operation during the month of January 2020.

2.1 A. Frequency Particulars

The frequency profile was as under:

Particulars	Frequency	Date	Time
Maximum instantaneous	50.27 Hz	01 st January, 2020	17:03:00 hrs
Minimum instantaneous	49.69 Hz	06 th January, 2020	14:27:10hrs
Average	50.00 Hz		

Range	01st – 30th November, 2019 (% time)	01st – 31st December, 2019 (% time)	01st – 31st January, 2020 (% time)
IEGC band (49.9 < f < 50.05 Hz)	73.55	71.68	75.01

< 49.9 Hz	4.14	6.51	6.48
> 50.05 Hz	22.26	21.82	18.51

The frequency particulars are enclosed at **Annex-2.1**.

OCC Sub-Committee noted as above.

2.1 B. State-wise Power Scenarios of the Region & Power Supply Position report

System operation during the month of **January 2020** was satisfactory. The regional demand was 58643 MW. The corresponding peak shortfall was in the range of 0 MW (peak deficit of 0.00%). The energy requirement during the said period was 33543 MUs.

The power supply position (Provisional) for the month of **January 2020** was as follows:

Peak Demand - Availability/Unrestricted Requirement In MW									
	GUJ	MP	CG	MAH	GOA	DD	DNH	ESIL	WR
REQUIREMENT	16189	14729	3829	22975	603	347	816	1074	58643
AVAILABILITY	16189	14729	3826	22975	602	347	816	1074	58643
SHORTFALL	0.00	0.00	2.68	0.00	0.63	0.00	0.00	0.00	0.00
% SHORTFALL	0.00	0.00	0.07	0.00	0.10	0.00	0.00	0.00	0.00
Reason for short- fall *	-	-	FC	-	FC	-	-	-	-
Energy - Availability/ Requirement etc.(Ex-Bus) in (MUs)									
	GUJ	MP	CG	MAH	GOA	DD	DNH	ESIL	WR
Net Actual Energy Supplied	9440	7423	2372	13178	414	219	568	181	33797
Unrestricted Requirement	9440	7423	2373	13178	414	219	568	181	33797
SHORTFALL in MU	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.43
% SHORTFALL	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00

**FC-frequency Correction, ULS-Unscheduled Load Shedding, SCS-Scheduled load shedding, TC-Transmission constraint, CS-capacity Shortage, SC-Sign change*

Revised Power Supply Position of **January-2020** is attached at **Annexure 2.1B**.

OCC Sub-Committee noted as above.

2.2 Inter-Regional Exchanges

There was a net inter-regional export of 8107 MUs from WR to other regions against net export schedule of 7755 MUs.

OCC Sub-Committee noted as above.

2.3 Voltage Profile

Voltage profile at some of 765/400 kV sub-stations furnished by WRLDC is enclosed at **Annex-2.3**.

OCC Sub-Committee noted as above.

2.4 U/F Relay Operations

As per WRLDC records the system frequency didn't reach 49.4 Hz and no UFR operation was reported to WRLDC.

OCC Sub-Committee noted as above.

2.5 Power Cuts / Load Restrictions

Details of Power Cuts and Regulatory measures as furnished by the State utilities are given in **Annex. 2.5**.

OCC Sub-Committee noted as above.

2.6 Details of Generating Units under Forced Outages

Details of generating units under forced outages are given in **Annex-2.6**.

OCC Sub-Committee noted as above.

2.7 Details of Generating Units under Planned Outages.

The details of generating units under Planned Outages are given in **Annex-2.7**.

OCC Sub-Committee noted as above.

2.8 Presentation on operational aspects by SLDCs & RLDC.

All SLDC's/RLDC, NTPC & PGCIL may kindly submit the presentation on operational aspects during last month and specific issues that need deliberations may be highlighted separately.

Additionally, as per 522nd OCC Discussion, all states are requested to prepare a presentation and appraise the OCC Forum about "Load Forecasting Methods used at SLDCs."

Discussion :

WRLDC gave a brief presentation on operational aspect of WR grid. During the presentation, there was a lengthy discussion on improvement of power supply position report. The details of discussion is as follow:

MS, WRPC stated that the details of Monthly State wise power supply position being worked out on monthly basis, need to be studied as the inputs being furnished by the States are not uniform. Some States gives energy figure in gross and some are furnishing ex-bus figures. This leads to inaccurate position of power supply. He further added that to make the PSP report accurate, it is necessary to form a working level group which can make consensus on each input and make a format for input.

GM, WRLDC stated that the WRLDC consider the demand and energy figures furnished by the States as it is.

Dy. Engineer, SLDC, Gujarat stated that they are also facing difficulty when the figures of PSPR of WRPC is referred and compared with the figures arrived by Gujarat. This mismatch results may be due to deduction of auxiliary consumption by WRPC from the whole single figure of energy. This figure also comprises some portion of ex bus injection and auxiliary consumption should not be deducted from it.

After discussion the following were decided:

- 1. Every constituent shall nominate a working level officer who is actually involved in finalization of demand and energy figures of the States. The nomination must reach to WRPC within a week time from the date of issue of this MoM.*
- 2. The officer nominated shall come with the details like State own generation in gross and ex-bus, Net injection from the ISTS, other energy transaction not included in ISTS, Wind /solar energy injection etc.to attend group meeting as and when called by WRPC.*
- 3. The working group shall finalize a format for data input from the States keeping in view the existing PSPR format of CEA.*

OCC Sub-Committee noted as above.

2.9 List of New Grid Elements added / list of elements decommissioned.

The list of New Elements added in WR Grid is attached at **Annexure-2.9**.
OCC Sub-Committee noted as above.

2.10 Submission of failure analysis of grid elements

Under regulation 27 of CEA (Grid Standards) Regulations, 2010, failure analysis of equipment failure and tower collapse are to be submitted to RPC and Authority.

All the constituents are requested to report incidences of equipment failure and tower collapse to RPC and Authority as and when such incidences take place.

OCC Sub-Committee noted as above.

2.11 Coal stock position

In the prevailing situation of scarcity of coal in the region, it is important to monitor the coal stocks on monthly basis in OCC forum so that deviation of load and generation can be kept minimum. To sensitize the issue, latest CEA coal stock position is attached at **Annexure-2.11**. All constituents are requested to appraise the forum about the efforts taken to improve the coal stock position.

OCC Sub-Committee noted as above.

Item No. 3: Operational Planning

3.1 Proposed planned maintenance programme for generating units.

The maintenance programme of generating units for the months of **February 2020 & March 2020** is given in **Annex 3.1**.

OCC Sub-Committee discussed and noted as above.

3.2 Outage programme of transmission lines/elements.

List of proposals for transmission elements outage to be availed during the months of **March 2020** is given in Annex 3.2.

OCC Sub-Committee discussed and noted as above.

3.3 Anticipated power supply position for the months.

Details of anticipated restricted & un-restricted demands for the months of **February 2020 & March 2020** are given in **Annex 3.3**.

OCC Sub-Committee noted as above.

Item No. 4: Operational Statistics for the month of January 2020.

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.

Annex 4.2 - Peak Demand.

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

Annex 4.4– Details of level of Major Reservoirs in the Western Region.

OCC Sub-Committee noted as above.

Item No. 5: System disturbances in the western region.

There was no major grid disturbance in the Western Region during the month of **January 2020**. The relevant details are enclosed at **Annexure-5**.

OCC Sub-Committee noted as above.

Item No. 6: Healthiness status of SERs/DRs.

The status of the healthiness of SERs/DRs is given at **Annexure-6**.

All the Constituents are requested to update the status of the healthiness of their SERs/DRs before the meeting.

OCC Sub-Committee noted as above.

Item No. 7: Status of completion of ongoing schemes in WR during 2019-20

7.1 Status of Reactors.

7.2 Status of Transmission schemes: 765/400 kV and above

7.3 Status of Generating Units

Details of these items are at **Annexure-7**.

OCC Sub-Committee noted as above.

Item no. 8: Miscellaneous Operational Items

8.1 Monitoring of Schemes funded from PSDF

As per the decision of NPC meetings, RPC may follow up with the utilities regularly in OCC to expedite the completion of various approved schemes by giving due priority. Accordingly, WRPC has been taking up this issue in OCC forum for discussion.

In this matter, the details related to State-wise sanctioned grant and disbursement amount for the approved schemes to be funded from PSDF is attached at **Annexure-8.2A**.

Also, as per the procedure, the utilities are required to furnish the information in the prescribed format by the first week of every month on regular basis to Member Convener, PSDF project monitoring group (AGM, NLDC, POSOCO) with a copy to NPC & WRPC. A copy of the prescribed format is attached at **Annexure-8.2B**.

The utilities may update the current status of the progress of the scheme under PSDF.

Discussion:

SE (Opn), WRPC informed that scheduled meeting at Ahmadabad for PSDF monitoring which was to be chaired by the Member (GO & D), CEA has been postponed by CEA. MS, WRPC stated that the meeting was postponed as the constituents of WR have already furnished the sought information to CEA and there was no new development. This meeting is now tentatively scheduled in mid march.

After discussion, all the utilities were requested to take up the matter with their management to avail fund from PSDF and put up the cases

with the nodal agency.

OCC Sub-Committee noted as above.

8.2 Annual Availability certificates for BDTCL, JTCL and RTCL

M/s Sterlite power vide letter dated 07th Feb 2020 requested for annual availability certificates of its SPVs BDTCL from FY2014-15 to FY2018-19, JTCL from FY2015-16 to FY2018-19 and RTCL from FY2015-16 to FY2018-19 as per TSA for claiming incentive for its licensees.

The Sub-Committee may like to discuss the same.

Discussion :

SE (Opn), WRPC informed that M/s Sterlite power has requested to get the Annual Availability Certificate from the WRPC Secretariat in respect of their assets of transmission system. He also informed that STU also talked with them to get the annual certificate for their TBCB projects.

MS, WRPC stated that there is no provision in any regulation to issue Annual Availability Certificate. He further added that there is a provision which says that RPC shall issue a monthly transmission availability certificate to the transmission licensee. So, instead of seeking Annual Availability Certificate from WRPC, CTU could take monthly availability data from the WRPC issued certificates and work out the annual availability.

VP, Sterlite power stated that this is the requirement of CTU however CTU has not given anything in writing in this regard. So, as per CTU they would consider the case of incentives if the Annual Availability Certificate issued by WRPC is enclosed.

MS, WRPC stated that this might be the first case and in near future more transmission licensee would request to get the similar certificate. Therefore, it is necessary to make arrangement to avoid the difficulty. He suggested that CTU could convene a meeting of all transmission licensees at WRPC and work out the transmission licensee wise Annual Availability based on monthly availability data which should be acceptable to CTU.

After discussion, the following have been decided.

- (1) *CTU shall issue a letter containing agenda and invitation of Annual Transmission Availability meeting to all transmission licensee and WRPC on yearly basis. The date and venue of this meeting shall be finalized in consultation with all stake holders.*
- (2) *In meeting, transmission licensee wise annual availability excel data shall be worked out considering monthly availability certificates issued by*

WRPC and Annual Availability Figures shall be prepared with cross-checking mutually.

OCC agreed as above.

8.3 Outage of TAPS-4 following ground fault in TAPS-1&2 and Bhilad 220 KV line

At 1710 hrs of 08.02.2020, a ground fault in Phase C of 220kV line between TAPS-1&2 and Bhilad occurred. The fault was isolated from Bhilad within 80 msec of occurrence. However, TAPS-1&2 end CB failed to isolate the fault. This resulted into feeding of the fault from remaining circuits of 220 kV switchyard of TAPS-1&2.

The TAPS-1&2-Vapi and TAPS-1&2-Boisar lines tripped to isolate the fault. Since the fault was not within purview of TAPS-1&2 to TAPS-3&4 tie line (Line-1), which has been provided with pilot wire protection, it did not trip. However, TAPS-3&4 220kV GIS Bus Coupler identified the fault and tripped on Backup Earth Fault. Simultaneously, TAPS-1&2 bus sectional breaker for Zone-3 switchyard isolated the fault on Backup Earth Fault. This resulted in loss of potential on 220 KV GIS Bus-I.

As a consequence, TAPS-4 Class-IV buses C-42 and C-44 lost potential resulting in tripping of PCPs-2&4 leading to reactor trip. The buses were reenergised manually from UT.

Subsequently the 220kV line between TAPS-1&2 and Bhilad was restored from Bhilad end. The bus sectional breaker for TAPS-1&2 Zone-3 switchyard was charged after restoration of lines. After inspection, the tie line between TAPS-1&2 to TAPS-3&4 was re-energised from TAPS-1&2 end. Thereafter upon completion of inspection TAPS-3&4 220 KV GIS Bus-I was also restored. SUT-4 was restored on 09.02.2020.

The protection relays of 220kV Bus Coupler and their settings were verified and found appropriate. The event cause is attributable to non-operation of TAPS-1&2 end CB of TAPS-1&2-Bhilad 220kV line.

The Sub-Committee may like to discuss the same.

Discussion :

GM, WRLDC stated that the tripping of TAPS-4 just because of 220 kV line tripping is a matter of serious concern. He added that the fault in this line was hanging for long time is also a serious issue. He also suggested a change in existing logic. He stated that whenever power in SUT power becomes zero, the auxiliaries supply should be changed from SUT-4 to GT so that unit can be saved in such condition.

MS, WRPC informed that TAPS engineers had analysed the blackout and there was a need to coordinate backup on BUS Coupler. He stated that TAPS can do the same taking into confidence remote end utilities as an interim measure and vet it in PCM. As regards to suggestion by GM, WRLDC he informed that a new logic should be introduced only after discussion in PCM. Existing Logic Settings can be changed to avoid clash and coordinate the same with other relays. TAPS agreed to coordinate BUS Coupler Settings keeping in knowledge of concerned stakeholders.

GM, WRLDC stated that whenever any generating unit trips, DC should be accordingly revised within 4 blocks of time so that the beneficiaries could arrange power from another source and also there is a financial implication if the DC is not revised.

OCC Sub-Committee noted as above.

8.4 Inclusion of schedule of Pench Hydro in schedule of Maharashtra in Web based scheduling software of WRLDC

Background:

MSEDL requested to consider this agenda for discussion in 39th WRPC held on 17th December, 2019. The details of agenda discussed in 39th WRPC is as follow:

Agenda of 39th WRPC :

MSEDCL vide letter (copy enclosed at **Annexure 11**) have raised issues regarding the scheduling of power from Pench.:

Maharashtra has 33.3% Share in Pench Hydro project and Madhya Pradesh has 66.6% share in said Pench Hydro station. Total installed capacity of Pench Hydro station is 160MW. The said Hydro station is connected to STU network of Madhya Pradesh. The scheduling is done by Madhya Pradesh SLDC.

Since Pench Hydro schedule is not known in advance to Maharashtra, same is not considered while managing unscheduled interchange by Maharashtra SLDC and this affects DSM charges and sign violation penalty payable by Maharashtra. Therefore they requested that scheduling of Pench should be done by WRLDC.

In 81st CCM WRLDC representative stated that they have no problem to include the schedule of Pench on Web based scheduling portal if both Madhya Pradesh and Maharashtra are mutually agreed.

SLDC, MPPTCL may give their position on the implementation of this item.

Discussion in 39th WRPC :

MPPTCL informed that the scheduling of Pench is done purely based on irrigation requirement of Maharashtra State. During the discussion WRLDC expressed their willingness to start scheduling of Pench in web based scheduling process.

MS, WRPC stated that the issue can be further discussed at OCC level.

After discussion, it was agreed to discuss the progress on the issue in OCC.

OCC may like to discuss.

Discussion :

MS, WRPC informed that this agenda has already been discussed in 39th WRPC and in this case either MP has to take the lead or Maharashtra has to take the lead for scheduling of Pench. He suggested to convene an internal meeting among MP, MahaSLDC and Maharashtra irrigation departments to evolve a procedure to declare planned scheduling at Pench can be made and informed into OCC.

OCC Sub-Committee noted as above.

Additional Agenda Items

1A : To issue a certificate for early commissioning of Mundra (CGPL) – Bhuj ckt 2 line for availing incentives.

Sr. GM, PGCIL, WR-II vide their mail dated 18/02/2020 requested to consider matter related to issue of certificate for early commissioning of their transmission asset.

The relevant submitted documents are given at **Annexure 1A**

The details of this agenda as furnished by PGCIL, WR-II is as follow:

The assets mentioned below qualifies for additional ROE as specified in Chapter -6, Clause - 24 (iii) of CERC Tariff Regulation for 2014-2019:

Sr. No.	Name of the project	Name of the asset	Zero date of project	Timeline of project issued by CERC (in months)	DOCO
1	TRANSMISSION SYSTEM STRENGTHENING ASSOCIATED WITH MUNDRA UMPP (PART-B)	400 kV Mundra (CGPL) – Bhuj ckt 2 line with associated line bays at Mundra (CGPL) generating station and 765/400 kV Bhuj SS	20 th July 2016	36 (Targeted date of completion 20 th July 2019)	20 th March 2019

As per Regulation 24(2)(iii) of the 2014 Tariff Regulations, RPC certificate is to be submitted to CERC for availing additional ROE for the mentioned asset. Vide Para 44 of order dated 13.01.2020 in Petition no. 387/TT/2018, CERC has directed to submit RPC certificate in support of the claim of Additional RoE of 0.5% for Ckt-2 of Mundra-Bhuj TL (DOCO-20.03.2019).

It is once again requested to kindly issue the Certificate in this regard at the earliest, as envisaged in Chapter 6, Clause-24 (iii) of CERC Tariff regulation for 2014-2019.

Discussion :

SE (Opn), WRPC informed that there was a provision in tariff Regulation 2014-19 under which the transmission licensee were entitle to get 0.5 % additional ROE (Return on Equity) for commissioning of any element of transmission system within specified timeline and it was certified by RPC / NPC that commissioning of the particular element had benefitted the system operation in the regional/national grid. Discussion on this agenda would be limited to helpfulness of commissioning of 400 kV Mundra (CGPL) – Bhuj ckt 2 line to the grid prior to scheduled date.

CE, SLDC, Gujarat stated that the agenda involves commercial implication and therefore discussion should be on operation aspect of agenda.

MS, WRPC queried whether the line was useful due to its early commissioning and help the grid operators to which there was agreement by stakeholders at OCC.

MS, WRPC requested PGCIL to put up this item in CCM for further processing as OCC had agreed technically.

After discussion, OCC Sub-committee recommended that the early commissioning of the said line along with bays benefited system operation in WR grid.

2A : Grant of permission to NTPC,Khargone for injection of Infirm Power for Unit 2 [660MW] of NTPC Khargone

DGM (OS), WR-I, NTPC vide their mail dated 18/02/2020 requested to consider matter related to Khargone Generating Station.

'Grant of permission to NTPC,Khargone for injection of Infirm Power for Unit 2 [660MW] of NTPC Khargone at MCR (for Conductance of PG Test) with keeping Unit 1 under Reserve Shutdown due to Non availability of Khargone - Khandwa Pooling Line'.

Discussion :

DGM (OS), WR-I, NTPC informed that the generation at Khargone compex is restricted to 660 MW by CEA till the commissioning of regular transmission system. He added that the commissioning of Khargone - Khandwa Pooling Line would take more time and therefore in order to conduct PG test for unit 2, it is necessary to put unit 2 uder operation and unit 1 under RSD. He requested the beneficiaries of Khargone to

cooperate in conductance of PG test for unit 2 (during the test, infirm power would be available) by allowing NTPC to put unit 1 under RSD.

CE, SLDC, Gujarat stated that if NTPC wants to put U#2 in operation for PG test they can move ahead but the DC should be made zero if U#1 goes under RSD.

SE, MPPTCL stated that the delay in commissioning of Khargone-Khandwa line can not be attributable to MP by imposing fixed charges and therefore it is suggested that either the PG test of Khargone U#2 be deferred till the time Khargone-Khandwa line is operationalized of Khargone U#1 may be treated under forced shut down thereby absolving the beneficiaries from the liability of payment of fixed charges.

CE, SLDC, Gujarat stated that demand has started rising and therefore it should be ensured that all central sector stations be on bar all the time. He further added that commissioning of KAPS 3 and 4 should also be expedited.

MS, WRPC stated that M/s KTL has to give top priority for commissioning of dedicated line at the earliest so that the other activities of other entity is not unnecessary delayed. He added that NTPC will have to sacrifice DC to inject power from U#2 during PG test.

After discussion, MS, WRPC concluded that keeping in views expressed by the beneficiaries of Khargone NTPC should made DC zero if they want to operationalize U#2 for PG test and put U#1 under RSD before commissioning of Khargone-Khandwa line.

OCC Sub-committee noted as above

After discussion on this agenda, NTPC gave a brief presentation on highlights of Khargone Power Generating Station. A copy of presentation is at Annexure

3A: Consent /approval of WRPC for on-load testing program of HVDC Champa Pole 4 bipole 1 and bipole 2 parallel operation with effect from 21/02/2020.

CGM, PGCIL, Champa vide mail dated 19/02/2020 requested to consider this agenda for getting WRPC approval /consent for on-load testing program of HVDC Champa Pole 4 Bipole 1 & Bipole 2 parallel operation with effect from 21/02/2020. The relevant submitted documents are given at **Annexure 3A**

OCC subcommittee may like to discuss.

Discussion :

Sr. GM, WRLDC stated that both the requests, one from PGCIL for on-load testing and another from NHPTL need to be seen together and both the permission can not be given for the same time.

Representative of NHPTL stated that MP, SLDC is not agreeing for bypassing of JP Bina.

Sr. GM, WRLDC stated that MP has not given real time consent to NHPTL for testing.

After discussion, OCC concluded that :

- (1) As PGCIL has already obtained consent / approval for on-load testing of HVDC pole from NRPC, they can go ahead with effect from 21/02/2020.*
- (2) MP, SLDC, NHPTL and JP Bina should meet together and evolve consensus on arrangement and date of test after discussion.*

OCC Sub-committee noted as above

Item No. 4A : First time Charging of +/- 800kV Raigarh-Puglur Line

Sr. GM, PGCIL, WR-I, vide their mail dated 19/02/2020 requested to consider this agenda for noting purpose in this meeting as per details given below:

- **+/- 800kV, 6000MW is under construction and expected to be charged on 10/3/2020, the present status of project is as under**
- Line details
 - WR Portion transmission line length is 552.30km,
 - SR Portion transmission line length is 1285.70kms.
 - Total line length - 1838.0km,
 - Conductor details - HexaACSR Lapwing conductor
- **HVDC terminal details**
 - HVDC Voltage - +/-800kV
 - MW transfer capacity – 2x3000 = 6000MW
- **Present status of HVDC terminal charging**
 - At Puglur (SR end)
 - Already Open line test done for Pole-1 & Pole-2
 - At Raigarh(WR end)
 - Bipole-1 (pole-1 and pole-2)
 - Pole -1 open line testing activities (without transmission line) have been completed on 25/12/2019.
 - Pole-2 open line testing activities (without transmission line) have been completed on 12/02/2020.
 - Relevant SLD is at **Annexure 4A**

OCC sub committee may like to note

Discussion :

Sr. GM, PGCIL, WR-I, explained the agenda and appraised OCC about the present status of +/- 800kV Raigarh-Puglur Line. He stated that this agenda is for noting purpose.

OCC Sub-committee noted as above

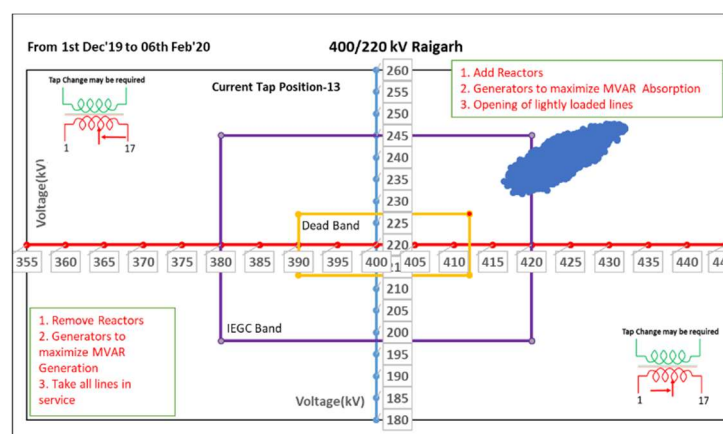
Item No 9:

9.1 Persistent high voltage at Raigarh S/S

The voltage at 400 and 220 kV Raigarh substations are persistently high. In the month of Jan'20, the Voltage Deviation Index of 400 kV Raigarh S/S is tabulated below.

S.No	Station Name	Voltage (in kV)		Voltage (in % of Time)			Voltage Deviation Index (VDI)
		Max Voltage	Min Voltage	<380 kV	380 kV-420 kV	>420 kV	
1	Raigarh	430.5	416.64	0.00	4.38	95.62	0.96

For 96% of time in Jan'20, voltage at Raigarh substation is more than 420 kV. Similar trend is observed on 220 kV side also. Four quadrant plot of 400 kV voltage vs 220 kV voltage of Raigarh is shown below.



It can be observed that the voltage on 400 kV and as well as on 220 kV side is high, therefore there is no scope for tap optimisation at Raigarh station. On 26 Jan 2020, four 220 kV circuits tripped at Raigarh station on high voltage. The details are tabulated below.

S.No	Element	Date	Time	Reason
1	220 kV Raigarh-Budhipadar	26-01-2020	01:58	Tripped from Raigarh PG end on High voltage
2	220 kV Raigarh-CG-Raigarh-1	26-01-2020	01:58	Tripped on over voltage
3	220 kV Raigarh-CG-Raigarh-2	26-01-2020	01:58	Tripped on over voltage
4	220 kV Raigarh-CG-Raigarh-3	26-01-2020	01:58	Tripped on over voltage

The generators nearby Raigarh injecting MVAR into grid when voltage was above nominal were listed below

DB Power, REGL, JPL U#3, JPL Tamnar, RKM, RKM, TRN, KSTPS U#3 and Lara U#1.

These Generators shall stop injecting Reactive power and start absorbing during High Voltage period.

As a last resort, to control high voltage at Raigarh following 765 kV circuits are manually opened on high voltage

1. Any two circuits of 765 kV Raipur-PS (Durg)-Wardha Q/C
2. Any one circuit of 765 kV Raipur-PS (Durg)-Jharsuguda D/C

Considering the above SLDC Chhattisgarh may explore

- 1. Feasibility of tap optimisation on 220/132 kV ICTs of Raigarh S/S***
- 2. Planning bus reactors at 220 kV Raigarh***

OCC Members may like to discuss

Discussion :

WRLDC informed that

- Voltage at Raigarh is persistently high and on 26th Jan 2020, four 220 kV ckts tripped on high voltage.
- Voltage at 400 kV Raigarh S/S is above 425 kV. 400 kV Raigarh-Kotra ckts are kept to control fault current at Raigarh. The reactive power support to control voltage at Raigarh should come from Korba, Jindal and Chhattisgarh generators.
- Chhattisgarh SLDC may explore possibilities viz. commissioning of reactors on 220 kV side and tap optimization on 220/132 kV ICTs for controlling voltage at 220 kV Raigarh station.
- DB Power, REGL, JPL U#3, JPL Tamnar, RKM, Lara U#1 and KSTPS U#3 units are injecting MVAR into the grid above nominal voltages. Injections at nominal voltages are illustrated with MW vs MVAR and Voltage vs MVAR plots.
- The average MVAR injections by these generators at 410 kV and above are tabulated below.

S.No	Unit	MVAR injections at 410 kV and above (Based on WRLDC SCADA Data)
1	DB Power U#1 & 2	~50 MVAR
2	REGL U#1 & 2	~60 MVAR
3	JPL U#3	~60 MVAR
4	JPL Tamnar U#2 & 4	~25 MVAR
5	RKM U#1	~75 MVAR
6	Lara U#1	~75 MVAR
7	KSTPS U#3	~25 MVAR

SE, Chhattisgarh SLDC informed that

- Voltage profile of 220 kV Raigarh-CG station has been checked and it was within IEGC band.
- Voltage of 220 kV Raigarh-PG station is above IEGC specified limits. On 26th Jan 20, 220 kV Raigarh-PG-Raigarh-CG T/C tripped on high voltage from Raigarh-PG end.
- Chhattisgarh was drawing around 100 MVAR from 220 kV Raigarh-PG-Raigarh-CG T/C and helping the grid.

As voltages at 220 kV Raigarh-CG is within limits, voltage profile of Raigarh-PG to be reviewed and to be brought within IEGC band.

MS, WRPC queried present representatives of Generators why they are injecting MVAR at high voltage. At least they could be at Zero. He informed that in the next OCC the performance of Generators would be monitored.

9.2 Phasor Measurement Units (PMU) on HVDC and FACTS Devices

HVDC and FACTS devices are important transmission components, these power electronic power devices enhance stability of the grid. Understanding behaviour of these devices during fault/perturbations is very important and high-resolution data provided by PMUs will be helpful in visualization and carrying out necessary analysis.

Under URTDSM, PMUs have been installed at various substations, however presence of PMUs on HVDC and FACTS Devices in WR is still low. Issue of provision and commissioning of PMUs at WR STATCOMs was discussed in various OCC meetings (505-510, 514, 518-521 OCC) and PRM meetings of URTDSM. In ER, the SVC and STATCOM PMU data has been wired and reporting to ERLDC.

The status of PMU availability in WR HVDC and STATCOMs is tabulated below

S.No	Station	HVDC/ STATCOM	Ownership	PMU Installed in Substation (Y/N)	PMU Data of HVDC/STATCOM Reporting to WRLDC (Y/N)

1	Bhadravathi West Bus	HVDC	PGCIL	Yes	Yes
2	Bhadravathi South Bus	HVDC	PGCIL	Yes	Yes (*Not available on Interconnector to DC and AC)
3	Chandrapur	HVDC	MSETCL/ MAHAGENCO	Yes	Yes
4	Phadge	HVDC	MSETCL	Yes	Yes
5	Champa (Pole-I & II)	HVDC	PGCIL	Yes	Yes
6	Mundra	HVDC	ATL	No	No
7	Champa (Pole-III & IV)	HVDC	PGCIL	Yes	No
8	Raigarh (Pole-I & II)	HVDC	PGCIL	Yes	No
9	Aurangabad	STATCOM	PGCIL	Yes	No
10	Gwalior	STATCOM	PGCIL	Yes	No
11	Satna	STATCOM	PGCIL	Yes	No
12	Solapur	STATCOM	PGCIL	Yes	No

In absence of PMUs, understanding dynamics of these devices had become difficult. Similar requirement of provision of PMUs at 765/400/220 kV pooling associated with wind and solar evacuation arises to observe fault ride through and other capabilities of voltage and frequency control.

The list of 765 kV transmission lines in WR not having PMUs on either end are listed below. PMUs to be installed on these lines on priority basis.

S.No	Transmission Element	Ownership
1	765 kV Akola(2)-Ektuni (Aurangabad(3))-2	MEGPTCL
2	765 kV Akola(2)-Ektuni (Aurangabad(3))-1	MEGPTCL
3	765 kV Banaskantha-Chittorgarh-1	PGCIL
4	765 kV Banaskantha-Chittorgarh-2	PGCIL
5	765 kV Bhuj-PS-Banaskantha-1	PGCIL
6	765 kV Bhuj-PS-Banaskantha-2	PGCIL
7	765 kV Champa -Dharamjaygarh-2	CWRTL
8	765 kV Jabalpur (PS)-Gadarwara-2	PWTL
9	765 kV Jabalpur-PS-Gadarwara-1	PWTL
10	765 kV Jabalpur-PS-Orai-1	WRTS-2/NRTS-2
11	765 kV Jabalpur-PS-Orai-2	WRTS-2/NRTS-2
12	765 kV Koradi(III)-Akola(2)-1	MEGPTCL
13	765 kV Koradi(III)-Akola(2)-2	MEGPTCL
14	765 kV Raigarh-PS(Kotra)-Champa -2	CWRTL-Adani
15	765 kV Sasan-Vindhyachal-PS-2	CWRTL
16	765 kV Tiroda-Koradi(III)-1	MEGPTCL
17	765 kV Tiroda-Koradi(III)-2	MEGPTCL

OCC may like to discuss

- 1. Provision of PMUs at all HVDC stations of WR***
- 2. Status of commissioning of PMUs on STATCOM devices by PGCIL***
- 3. To expedite installation of PMUs on transmission lines listed above***

Discussion :

WRLDC informed that

- Installation of PMU on WR STATCOMs was discussed in various OCC forums and PRM meetings
- Apart from STATCOMS, PMUs are to be installed on HVDC, 765 kV, 400 kV and important 220 kV nodes
- There are seventeen 765 kV lines in WR where PMUs were not installed on either end of the line.
- Installation of PMUs at Bhuj pooling station, Gadarwara, HVDC Raigarh and STATCOMs to be expedited to understand dynamics of RE, performance of STATCOMS and transients of conventional generation.
- Installation of PMUs on critical stations are also to be expedited as approval of URTDSM-II would take ample of time.

PGCIL informed that

- Bhuj and other stations are commissioned after URTDSM phase-I approval.
- Installations of PMU at these stations will be covered in proposed URTDSM-II.

It was also decided to enhance the usage of PMU data. At present it is used for tripping analysis. But it can also be used to enhance state estimation. This can be taken by Study Committee.

9.3 Tripping at 400 kV Chandrapur GCR on 18th Jan 2020

On 18 Jan 20 at 12:36 Hrs, 400kV Bus-1 and Bus-2 and all connected elements at Chandrapur tripped due to Bus-bar protection operation. Elements tripped are tabulated below. Due to tripping, there was a generation loss of around 1100 MW. Drop in frequency from 49.96 Hz to 49.88 Hz was observed due to generation loss.

S.No	Feeder/ICT/Bus/Unit	S.No	Feeder/ICT/Bus/Unit
1	400kV Bus-1 at chandrapur	10	400kV Chandrapur-Khaparkheda - 2
2	400kV Bus-2 at chandrapur	11	HVDC 500KV Chandrapur-Padghe Pole-1
3	400kV Chandrapur-Bhadravati -1	12	HVDC 500KV Chandrapur-Padghe Pole-2
4	400kV Chandrapur-Bhadravati -2	13	400/220KV ICT-1 at Chandrapur
5	400kV Chandrapur-Bhadravati -3	14	400/220KV ICT-2 at Chandrapur
6	400kV Chandrapur-Bhadravati -4	15	Chandrapur Unit 3 (210MW)
7	400kV Chandrapur-Parli (Girwali)	16	Chandrapur Unit 4 (210MW)
8	400kV Chandrapur-Chandrapur -1	17	Chandrapur Unit 5 (500MW)
9	400kV Chandrapur-Chandrapur -2	18	Chandrapur Unit 6 (500MW)

Due to loss in internal generation, Maharashtra was over drawing from grid by around 700 MW. It was informed that mal operation of bus bar protection lead to the occurrence.

Maharashtra SLDC may apprise OCC

- 1. Line loading constraints in intra state network during tripping***
- 2. Reasons for bus bar protection operation***
- 3. Actions being taken to avoid such events in future***

Discussion :

WRLDC informed that

- On 18th Jan 20, 12:36 Hrs both the bus bars got tripped and resulted in generation loss of 1100 MW.

- As tripping had happened after peak hours and Maharashtra load was not high, no major constraints were observed in system during tripping. If this event had happened during peak hours line load constraints would have been raised.
- Due to tripping, Maharashtra was over drawing by 700 MW. As tripping of both buses is rare contingency, Maharashtra SLDC may ensure adequate measures and have contingency plan for such events.

Maharashtra SLDC informed

- Bus bars got tripped due to mal operation. There was retrofitting of new bus bar protection at Chandrapur GCR.
- Adequate measures were taken at MSETCL corporate level to avoid such events and no major intra state network constraints were faced during generation loss.
- Hydro picked up immediately to avoid over drawl from grid.

The setting has been revised to account for Bus-Bar operation by MSETCL Testing Team.

9.4 Non-Intimation of Planned Outages of Exempted Important Elements by Maharashtra and Madhya Pradesh SLDCs

In 498th OCCM, it was decided to review WR important grid elements by WRLDC in coordination with SLDCs. Accordingly, after one to one meetings with SLDCs and considering comments from SLDCs WR important grid elements was reviewed. Few elements are exempted from WR important grid elements subjected to following

- *The elements excluded from important grid elements list would not appear in OCC approved list for outages, but SLDCs to take responsibility of reviewing the reliability and ensure grid security and shall inform WRLDC before taking outage*
- *For the outages on ICTs/Lines which are excluded from the list, the concerned SLDC shall prepare 'N-1' contingency plan and review reliability and submit that the system is safe under n-1 contingency prior to availing the shutdown*
- *All long outages more than two days shall be taken up as per outage procedure agreed in OCCM or shall be approved in OCCM forum*

However, it was observed that Maharashtra and Madhya Pradesh SLDCs were not adhering to above guidelines. Facilitating outages by SLDCs without prior intimation to WRLDC is leading to denial of approved OCC outages in parallel corridors. Moreover, N-1 contingency plan for outages facilitated by SLDCs was not sent to WRLDC.

Maharashtra and Madhya Pradesh SLDCs may apprise OCC

- 1. Reasons for non-intimation of outages of exempted important elements**
- 2. Intimation of outages and submission of n-1 contingency plan for outages to WRLDC now onwards**

Discussion :

WRLDC informed that

- As per 498th OCCM, WRLDC reviewed WR important grid elements in coordination with SLDCs. Accordingly, few elements were exempted from important grid elements list.
- Madhya Pradesh and Maharashtra SLDCs were not intimating intra state network element outages in real time resulting in deferment of approved OCC planned outages in parallel corridors.
- In recent times, Maharashtra had availed outages at Padghe station without prior plan. As Padghe S/S is major load station in Maharashtra availing outages with prior plan and intimation is preferable and reliable.
- Gujarat SLDC sends intra state outages list with reliability consents on D-1. Maharashtra and MP SLDCs are requested to send intra state outages list with reliability consents on D-1.

Maharashtra and MP SLDCs agreed to send intra state outages list with reliability consents on D-1.

9.5 Implementation of Automatic Demand Management Scheme (ADMS) as per IEGC 5.4.2 (d)

As per IEGC 5.4.2 (d)

Quote

The SLDC through respective State Electricity Boards/Distribution Licensees shall also formulate and implement state-of-the-art demand management schemes for automatic demand management like rotational load shedding, demand response (which may include lower tariff for interruptible loads) etc. before 01.01.2011, to reduce overdrawl in order to comply para 5.4.2 (a) and (b).

Unquote

Implementation of Automatic Demand Management Scheme (ADMS) in WR states was discussed in 486th OCC meeting held on 17 Aug 2016. As per 486th OCCM, Gujarat and Madhya Pradesh had completed implementation of ADMS successfully. Maharashtra identified 33/11 kV stations for implementation of ADMS and the project would take 18 months for completion after approval of grant from PSDF. Chhattisgarh submitted ADMS proposal for funding through PSDF. Status of ADMS implementation in Goa, DD and DNH was unavailable.

In 503rd OCC under status of approved PSDF schemes, it was informed that sanction order by MoP had been issued on 22 May 17 and 16 May 17 for implementation of ADMS in Maharashtra and Chhattisgarh States.

The logic for ADMS operation as per information received from SLDCs are as follows

S.No	State	Logic for ADMS operation	Implementation Status
1	Gujarat	Approximately 30 to 40 MW load relief is envisaged for overdrawing DISCOM when average frequency remains below 49.8 Hz for 10 minutes and state drawl is more than 150 MW and DISCOM over drawl is more than 50 MW	Completed
2	Madhya Pradesh	ADMS system is having separate software module for working out quantum of load shed/restoration for each DISCOM, provision for cyclic rotational load shedding/restoration and configuration of load shed groups and feeders	Completed
3	Maharashtra	-	Sanction order by MoP issued on 22 May 17 under PSDF
4	Chhattisgarh	-	Sanction order by MoP issued on 16 May 17 under PSDF
5	Goa	-	No Information

6	DNH	-	No Information
7	DD	-	No Information

OCC may like to discuss

- 1. Status of implementation of ADMS in Maharashtra, Chhattisgarh, Goa, DD and DNH***
- 2. Adoption of uniform logic for ADMS operation in all states***
- 3. Review of ADMS operation logic in view of IEGC amendments over the years.***

MS, WRPC suggested to discuss this agenda in next OCC meeting as this agenda require more discussions and deliberations.

9.6 Follow up Agenda on Deviation from Schedules by Madhya Pradesh

In 527th OCC WRLDC informed that MP was deviating from schedules between 6-8 Hrs in the morning and 18-20 Hrs in the evening and at times the deviation is around 1000 MW.

MP SLDC informed that deviation from schedule was mainly due to sudden variation of agricultural load. The variation of demand from night hours to morning hours is in the range of 7000 MW and intra/Inter-state generation is being regulated for load generation balance. Necessary measurements shall be taken to control the deviation from schedule in future.

MPs Deviation from schedule from 14 Jan to 5 Feb based on WRLDC SCADA was reviewed again and tabulated below. It can be observed that deviation from schedule was significant during morning and evening hours and in addition to above the deviation was also high, around 12 PM. The measures for controlling the deviation on these occasions need to be escalated.

Date	Maximum Deviation from Schedule (6 AM to 8 AM)	Maximum Deviation from Schedule (Around 12 PM) (12:00-12:30 PM)	Maximum Deviation from Schedule (6 PM to 8 PM)
14-01-2020	620 MW	630 MW	640 MW
15-01-2020	920 MW	482 MW	688 MW
16-01-2020	606 MW	350 MW	550 MW
17-01-2020	780 MW	650 MW	750 MW
18-01-2020	570 MW	840 MW	600 MW
19-01-2020	630 MW	495 MW	600 MW
20-01-2020	590 MW	650 MW	1034 MW
21-01-2020	515 MW	717 MW	825 MW
22-01-2020	800 MW	520 MW	725 MW
23-01-2020	733 MW	380 MW	698 MW
24-01-2020	660 MW	490 MW	739 MW
25-01-2020	737 MW	612 MW	786 MW
26-01-2020	663 MW	230 MW	833 MW

27-01-2020	1180 MW	680 MW	867 MW
28-01-2020	921 MW	910 MW	974 MW
29-01-2020	576 MW	963 MW	1161 MW
30-01-2020	713 MW	577 MW	912 MW
31-01-2020	664 MW	288 MW	1035 MW
01-02-2020	736 MW	700 MW	975 MW
02-02-2020	880 MW	510 MW	1319 MW
03-02-2020	787 MW	807 MW	1086 MW
04-02-2020	965 MW	812 MW	1110 MW
05-02-2020	860 MW	506 MW	1206 MW

MP SLDC may apprise OCC

- 1. Measures being taken to avoid large deviations from schedule***
- 2. Actions taken to ensure smooth load staggering and load changeover***

Discussion:

WRLDC informed that

- MP was deviating from schedules between 6-8 Hrs in the morning and 18-20 Hrs in the evening, in addition to above the deviation was also high, around 12 PM.
- This agenda was discussed in previous OCC also.

- Coordination with DISCOMS and proper load change over would reduce DSM charges for MP state.

MP SLDC informed

- Supply for agriculture loads are for 6 hrs. Group change over of agriculture loads takes place at every six hours. This was resulting in deviation from schedule
- SLDC had discussed with DISCOMS and taken up in intra state OCC meetings for smooth load change over.

9.7 Over loading of 220 kV Kala-Khadoli D/C of DNH

220 kV transmission network in DNH is as follows

1. 220 kV Kala-Khadoli D/C
2. 220 kV Kala-Kharadpada (New) D/C
3. 220 kV Vapi-Bilosa S/C
4. 220 kV Vapi- Kharadpada (DNH) S/C
5. 220 kV Vapi-Vagchippa D/C
6. 220 kV Kharadpada (New)- Kharadpada (DNH) D/C
7. 220 kV Vagchippa-Sayali S/C
8. 220 kV Vagchippa-Khadoli S/C
9. 220 kV Sayali-Khadoli S/C

Demand of DNH is in the range of 700-800 MW. It was observed that most of the time 220 kV Kala-Khadoli D/C is overloaded and during contingency the system is N-1 non-compliant.

On 10th Feb 2020, 220 kV Kala-Khadoli-1 was under forced outage. Emergency outage of 220 KV Kala-Khadoli-2 which was on multi circuit tower was facilitated on request of SLDC/DNH to restore 220KV Kala-Khadoli-1 at 15:23 Hrs. At the same time, 220 kV Vagchippa-Khadoli and 220 kV Vagchippa-Sayali tripped resulting in loss of supply to Khadoli substation. Due to blackout at Khadoli station there was a load loss of around 250 MW in DNH.

DNH may apprise OCC

- 1. Augmentation of intra state network to relieve 220 kV Kala-Khadoli D/C line loading**
- 2. Reason for tripping of 220 kV Vagchippa-Khadoli and 220 kV Vagchippa-Sayalickts while facilitating emergency outage on 220 KV Kala-Khadoli-2 ckt**
- 3. SCADA data of Khadoli station was not reporting to WRLDC since long. Likely restoration date of Khadoli data to WRLDC**

Discussion:

WRLDC informed that

- DNH Khadoli station is connected to Kala-PG station through two 220 kV ckts. Khadoli is also connected to Vapi-PG and Sayali through Vagchippa.
- 220 kV Vapi-Khadoli ckts are carrying 170 MW each, outage of one ckt resulting in 250-270 MW flow on other ckt.
- Due to over loading, facilitation of outage on any one ckt had been an operational issue.
- To avoid over loading, load may be diverted to Vagchippa station of DNH.
- Khadoli data is not reporting to WRLDC since long.

9.8 Compliance to CEA Regulations by RE Generators

The Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019 was notified on 6 Feb 2019. This amendment has several provisions in respect of Renewable Energy (RE) generation. The amendments would be applicable to all new generating units commissioned after 6th Aug 2019.

Prior to this amendment, one amendment was notified by CEA on 15th Oct 2013 and effective for all units commissioned after 15th Apr 2014. The ability of RE generators to successfully ride through faults in transmission system commonly known as LVRT (Low Voltage Ride Through) was first introduced in 15th Oct 2013 amendment by CEA. This was applicable for all wind generators connected to 66 kV and above commissioned after 15th Apr 2014.

CERC order dated 05.01.16 in Petition No.420/MP/2014 mandates compliance of LVRT in all Wind Turbine Generators (except for Stall Type WTGs) having capacity more than 500 kW connected to voltage level of 66 kV and above. In CERC order dated 05.01.16, SLDCs are directed to prepare quarterly report on installation and performance of LVRT on existing WTGs and submit to RPCs.

The capacity of LVRT compliant wind turbines and status of compliance by wind turbine generators connected is discussed in 495th, 496th, 504th, 513th, 519th and 526rd OCC meetings. The issue was also discussed in REIF meetings.

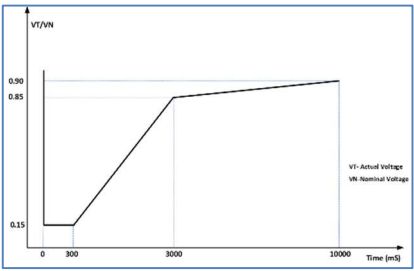
As per 526rd OCC LVRT compliance details received from SLDCs are as follows:

State/Utility	Type of Generation	Installed Capacity (MW)	Capacity to be LVRT Compliant as per state	LVRT Complied capacity (MW) as obtained from SLDCs	% of LVRT Complied Capacity
Gujarat	Wind	6174	5091	2195	43%
	Solar	2283	Information yet to be received	Information yet to be received	
Maharashtra	Wind	4769	3206	755	24%
	Solar	1305	Information yet to be received	Information yet to be received	
MP	Wind	2430	1435	1020	71%
	Solar	1343	Information yet to be received	Information yet to be received	

LVRT is technical requirement from the point of view of the safety and security of the grid. CERC has already directed all WTGs of capacity

equal to or more than 500 kW except Stall Type WTGs to comply with LVRT.

Compliance to CEA regulations (Amendments) by RE generators to be monitored at regional level and state level also.

CEA Regulation 2019 notified on 6 Feb 2019	Clause
B2 For generating station getting connected on or after completion of 6 months from date of publication of these Regulations in the Official Gazette.	1. The generating station shall be capable of supplying dynamically varying reactive power support so as to maintain power factor within the limits of 0.95 lagging to 0.95 leading.
	2. The generating units shall be capable of operating in the frequency range of 47.5 Hz to 52 Hz and shall be able to deliver rated output in the frequency range of 49.5 Hz to 50.5 Hz....
	3. The generating station connected to the grid, shall remain connected to the grid when voltage at the interconnection point on any or all phases dips up to the level depicted by the thick lines in the following curve.... 
	4. The generating stations with installed capacity of more than 10 MW connected at voltage level of 33 kV and above – a. shall be equipped with the facility to control active power injection in accordance with a set point, capable of being revised based on directions of the State Load Dispatch Centre or Regional Load Dispatch Centre, as the case may be;

		b. shall have governors or frequency controllers of the units at a drop of 3 to 6% and a dead band not exceeding ± 0.03 Hz..... c. shall have the operating range of the frequency response and regulation system from 10% to 100% of the maximum Alternating Current active power capacity, corresponding to solar insolation or wind speed, as the case may be; d. shall be equipped with the facility for controlling the rate of change of power output at a rate not more than $\pm 10\%$ per minute										
		5. The generating stations of aggregate capacity of 500 MW and above shall have the provision to receive the signal from the State Load Dispatch Centre or Regional Load Dispatch Centre, as the case may be, for varying active and reactive power output.										
		6. The standards in respect of the switchyard associated with the generating stations shall be in accordance with the provisions specified in respect of 'Sub-stations' under Part III of these Standards.										
		7. The generating station connected to the grid, shall remain connected to the grid when voltage at the interconnection point, on any or all phases (symmetrical or asymmetrical overvoltage conditions) rises above the specified values given below for specified time.. <table><tr><th>Over voltage (pu)</th><th>Minimum time to remain connected (Seconds)</th></tr><tr><td>$1.30 < V$</td><td>0 Sec (Instantaneous trip)</td></tr><tr><td>$1.30 \geq V > 1.20$</td><td>0.2 Sec</td></tr><tr><td>$1.20 \geq V > 1.10$</td><td>2 Sec</td></tr><tr><td>$V \leq 1.10$</td><td>Continuous</td></tr></table>	Over voltage (pu)	Minimum time to remain connected (Seconds)	$1.30 < V$	0 Sec (Instantaneous trip)	$1.30 \geq V > 1.20$	0.2 Sec	$1.20 \geq V > 1.10$	2 Sec	$V \leq 1.10$	Continuous
Over voltage (pu)	Minimum time to remain connected (Seconds)											
$1.30 < V$	0 Sec (Instantaneous trip)											
$1.30 \geq V > 1.20$	0.2 Sec											
$1.20 \geq V > 1.10$	2 Sec											
$V \leq 1.10$	Continuous											

OCC may like to discuss

1. Status of wind capacity and solar capacity compliant to LVRT w.r.t total RE capacity

- 2. Submission of quarterly report by SLDCs to RPC on installation and performance of LVRT on existing WTGs and Solar power plants.**
- 3. Monitoring of compliance to CEA (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019 by RE Generators**
- 4. SLDCs to apprise OCC the status of compliance to CEA (Technical Standards for Connectivity to the Grid) (Amendment) Regulations by RE Generators**

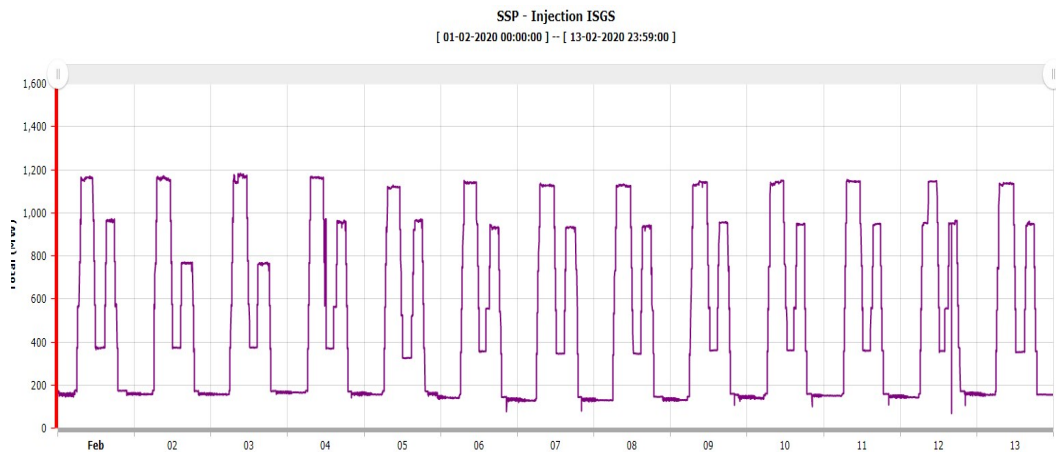
Discussion:

Maharashtra, Gujarat and Madhya Pradesh SLDCs agreed to update RE capacity to be LVRT compliant and submit to WRLDC/WRPC.

During discussion it was clear that Type Testing for LVRT was available and detailed test kits for real time is not available. In Gujarat, ERDA has undertaken the work of test facilities to check compliance of standards. Once, it is through the results can be shared for other utilities.

9.9 Upgradation of CT Ratio on 400 kV SSP-Asoj S/C to facilitate High loading

The peak generation at SSP is around 1200 MW, the generation pattern from 1-13 Feb is shown below. The line loading on 400 kV SSP-Asoj is around 600 MW. On 13 Feb 2020, 400 kV SSP-Dhule-I was under planned shutdown. At 16:13 Hrs 400 kV SSP-Dhule-II tripped on Y-E fault. Maharashtra SLDC informed that at location no 297 tower was collapsed while doing earth wire replacement work on 400 kV SSP-Dhule-I. This had resulted in critical loading on 400 kV SSP-Asoj S/C under normal conditions and n-1 contingency.



400 kV SSP-Asoj S/C is having CT ratio of 1000/1 A at SSP. With this CT ratio and to ensure safe power flow, loading on line should be restricted to 600 MW for n-1 contingency. To control line loading on 400 kV SSP-Asoj following actions were taken.

1. Generation at SSP was restricted to 900 MW.
2. 400 kV Rajgarh-Kasor D/C FSC at Rajgarh taken into service

In addition to above, further actions shall be taken if required

1. HVDC Mundra-Mohendargarh flow shall be regulated in consultation with NLDC and SLDC Gujarat
2. 400 kV Asoj-Kosamba S/C shall be kept open in consultation with SLDC Gujarat
3. Feasibility of increase in generation at Wanakbori by SLDC Gujarat

In 522nd OCC, following was discussed for reliability and adequacy of transmission system for SSP evacuation

Quote

WRLDC informed that at present 400 kV SSP-Rajgarh D/C was under forced outage due to tower collapse. It was expected to come in a week time. Based on earlier system studies high Loading on 400 kV SSP-Asoj can be reduced if SSP-Asoj and Asoj –Chorania lines are bypassed at Asoj and made SSP- Chorania. Hence,Gujarat SLDC may also study the feasibility of bypassing of the lines at Asoj and making the line directly from SSP-Chorania. Also for this there is a requirement to replacing of

1000/1 A CT with 2000/1 A CT on 400 kV SSP-Asoj at both ends would enhance line loading limits

SE(Opn), SLDC, Gujarat informed that SLDC would study feasibility of bypassing of the SSP-Asoj and Asoj –Chorania lines at Asoj and making the line directly from SSP-Chorania as per earlier study and regarding replacement of 1000/1 A CT with 2000/1 A CT on 400 kV SSP-Asoj at both ends shall be discussed in Gujarat PCM.

Unquote

Replacement of CT on 400 kV SSP-Asoj line has yet to be carried out. Replacement would have avoided generation restriction at SSP.

Gujarat SLDC and NCA may apprise OCC

- 1. Status on feasibility study of bypassing 400 kV SSP-Asoj and 400 kV Asoj –Chorania lines at Asoj and making of 400 kV SSP-Chorania.**
- 2. Status of replacement of 1000/1 A CT on 400 kV SSP-Asoj line with 2000/1 A CT on both ends**

Maharashtra SLDC may apprise OCC on restoration of 400 kV SSP-Dhule D/C

Discussion:

Gujarat SLDC informed that

- 1000/1 A CT on 400 kV SSP-Asoj line replaced with 2000/1 A CT on both ends. After replacement, continuous line load rating is 650 MW.
- Line loading on 400 kV SSP-Asoj may be restricted to around 800 MW for short duration on contingency of 400 kV SSP-Kasor.

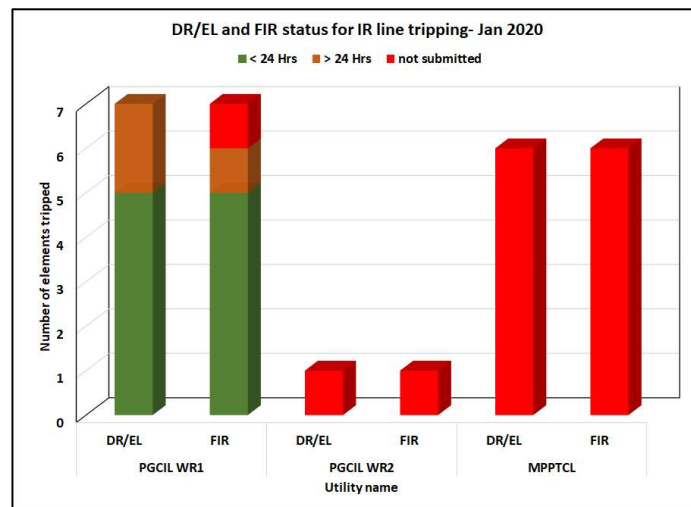
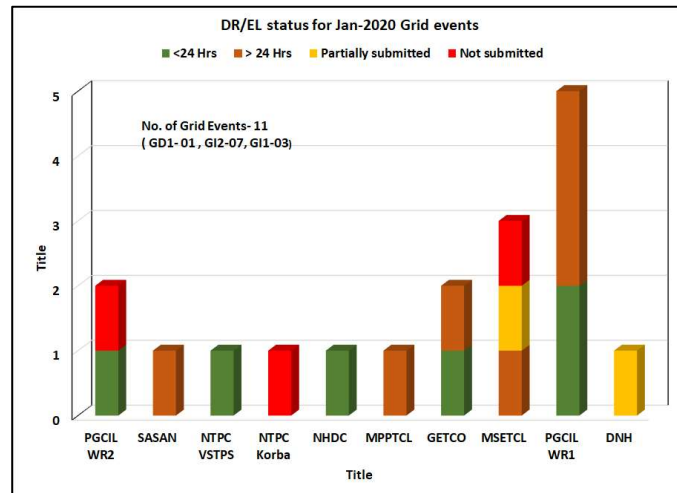
WRLDC informed that

- With real time system conditions, generation at SSP shall be restricted to control line loading on 400 kV SSP-Asoj.

9.10 Status of submission of DR/EL by utilities for the Grid events and Inter Regional line tripping in Jan'20

- DR and Report submission status for grid events and Inter Regional line trippings in Jan'20 is given below.
- Utilities who have not submitted the details are requested to submit the data immediately to WRLDC/WRPC.

S.No	Substation name	Event		Remarks
		Date	Time	
1	400 kV Vindhyachal	03-01-2020	05:12	1.Vindhyachal event all DR except for HVDC poles not submitted by PGCIL WR2 2.400 kV KORBA - VSTPS - I DR not submitted by NTPC Korba
2	400 kV Chandrapur	18-01-2020	12:36	500 kV HVDC Chandrapur-Padghe poles DR not submitted by MSETCL
3	220 kV Ranasan	26-01-2020	14:52	220 kV Dehgam-Ranasan DR not submitted by PGCIL WR2
4	400/220 kV Kolhapur(MH)	27-01-2020	13:45	Not submitted by MSETCL
5	220 kV Sayali	29-01-2020	12:12	Sayali end DR not submitted by DNH



Committee may like to discuss.

- SLDCs are requested to take up the issue with utilities for timely submission of DR and EL
- All utilities are requested to upload DR, EL and events reports in the WRLDC tripping portal

9.11 Updated “Recovery Procedure for Western Regional (WR) Grid – 2020”

As per sec 5.8 (a) of the Indian Electricity Grid Code, the ‘Western Regional Grid - Recovery Procedure’ is updated in consultation with the

NLDC and WR grid users/STU/SLDC/CTU/Railways & published on 31st January 2020.

Summary of major updates in the WR Grid Recovery Procedure-2020 is given below.

Sl. No	Changes in the Document	Remarks / Updates
1	Network changes since Jan'2019	Addition of New Lines / Interconnections/Reactors etc incorporated in relevant chapters of the document. LILO of 400 kV Seoni-Bhilai at Kirnapur and 765 kV Aurngabad-Phadge one ckt at Pune has been updated.
2	Start-up Paths for Existing & New Thermal Units Commissioned in 2019	Start-up paths for existing units and newly commissioned units viz. Khargone, Gadarwara and Lara have been updated.
3	Start-up Paths for RE pooling stations and RE Generators	Start-up paths for RE pooling stations, Bachua and Bhuj and RE generators viz. Naranpar (Ostro Kutch) -250 MW, Bhuvad (Renew Power) – 250 MW, Dayapar (INOX wind) – 500 MW, Desalpar (GIWEL-II) – 250 MW, Ratadiya (AGEMPL) – 725 MW and Roha (GIWEL SECI-III) – 300 MW have been added.
4	Shunt Compensation in the start-up path	Shunt compensation available in the form of Line/Bus Reactors for each start-up path has been updated
5	Learnings and constraints during mock drills & Incorporation	Black Start drills at Kadana, Ukai (H), Kawas, Jhanor / Gandhar, Ghatghar, Bhira, Koyna I & II, Tons, Bargi, Rajghat, Madhikheda, HasdeoBango& testing of WRLDC Back-up Control Center incorporated in relevant chapters/ Annexures.
6	Traction Supply Arrangement	Updated based on data from Central, Western Railways and South Eastern

	for Indian Railways	Central Railway.
7	Sub-station wise shunt compensation details	Annex-VII has been updated where in sub-station wise total shunt compensation availability as on date is given for ready reference.
8	Activities of Crisis Management Task Force	Reorganization of an internal Crisis Management Task force at WRLDC has been updated.
9	Updated Power Map of WR Grid	Updated Power Map of WR is provided as the last Annexure for ready reference.

The document is available in WRLDC website at following link. The document is password protected and access is limited. Utilities interested in document may write a mail to wrldcso@posoco.in for password and access.

https://www.wrldc.in/content/363_1_Procedures.aspx

This is for the information of the forum.

- Members noted major updates in the WR Grid Recovery Procedure-2020.

Members may avail access to document by writing mail to wrldcso@posoco.in for password

9.12 Any other Item.

Signing of Supplementary PPA between CGPL and its beneficiaries

Chief (O & M), CGPL informed that CGPL unit 1 to 5 would not be available due to non-implementation of supplementary PPA as agreed by high power committee.

CE, SLDC, Gujarat stated that Gujarat cannot sign supplementary PPA alone in isolation. Other beneficiaries like Punjab, Haryana should also come forward to sign supplementary PPA.

Item No. 10: Date and venue of the next OCC meeting

Date and Venue of next 529th OCC would be notified separately.

जनवरी 2020 में आवृत्ति के आंकड़ों का विवरण
(पश्चिम क्षेत्र भार प्रेषण केन्द्र की आवृत्ति रिपोर्ट के आधार पर)
FREQUENCY PARTICULARS DURING January 2020
(AS PER FREQUENCY REPORT OF WRLDC)

1. INTEGRATED OVER AN-HOUR

एक घंटे में समाकलित

1.1 MAXIMUM FREQUENCY अधिकतम आवृत्ति	50.10	Hz. BETWEEN Between 10 and 11 Hrs on 11.01.2020
1.2 MINIMUM FREQUENCY न्यूनतम आवृत्ति	49.88	Hz. BETWEEN Between 00 and 01 Hrs on 25.01.2020
1.3 AVERAGE FREQUENCY औसत आवृत्ति	50.00	Hz.

2. INSTANTANEOUS तात्कालिक

2.1 MAXIMUM FREQUENCY
अधिकतम आवृत्ति

50.27 on 01st Jan. At 17:03:00 hrs

2.2 MINIMUM FREQUENCY
न्यूनतम आवृत्ति

49.69 on 06th Jan at 14:27:10 hrs

3. %AGE OF TIME WHEN FREQUENCY WAS आवृत्ति का समय प्रतिशत में	जनवरी 2020	दिसंबर 2019	नवंबर 2019
3.1 Below 49.9 Hz. 49.9 हर्ट्ज से कम	6.48	6.51	4.14
3.2 BETWEEN 49.9 Hz. AND 50.05 Hz. 49.9 हर्ट्ज और 50.05 हर्ट्ज के बीच में	75.01	71.68	73.55
3.3 ABOVE 50.05 Hz. 50.05 हर्ट्ज के ऊपर	18.51	21.82	22.26
4.1 NO. OF TIMES FREQUENCY TOUCHED 49.20 Hz.	0	0	0
4.2 NO. OF TIMES FREQUENCY TOUCHED 49.00 Hz.	0	0	0
4.3 NO. OF TIMES FREQUENCY TOUCHED 48.8 Hz.	0	0	0

पश्चिम क्षेत्रीय विद्युत समिति
एफ ३ एम आई डी सी क्षेत्र अंधेरी पूर्व मुंबई 400 093

FROM : SUPERINTENDING ENGINEER (OPERATION),WRPC,MUMBAI.

Date: 25/02/2020

TO : CHIEF ENGINEER (GRID MANAGEMENT),CEA,NEW DELHI.(FAX NO.011-26109750)

HIGHLIGHTS OF THE POWER SUPPLY POSITION OF WESTERN REGION

Revised

FOR THE MONTH OF

January 2020

File no: WRPC/Opn./PSP/2019-20/

(A) GENERATION DETAILS OF WESTERN REGION

CONSTITUENT	GUVNL	MPPGCL	CSEB	MSPGCL	GOA	DAMAN & DIU	DNH	ESIL&BARC	HVDC DRAWAL	WESTERN REGION
(1) GENERATION GROSS (MUs)										
Thermal Coal+Gas Based	6014.70	2478.89	1461.02	8260.96	65.18	0.00	0.00	0.00	0.00	18280.75
Hydro	54.37	490.61	17.87	467.58	0.00	0.00	0.00	0.00	0.00	1030.43
Wind Injection	923.90	274.65	0.00	272.10	0.00	0.00	0.00	0.00	0.00	1470.65
Solar Injection	311.88	204.20	27.33	190.37	0.00	1.66	0.00	0.00	0.00	735.43
Bio Mass Injection	14.30	3.52	13.88	0.00	0.00	0.00	0.00	0.00	0.00	31.70
TOTAL	7319.14	3451.87	1520.10	9191.01	65.18	1.66	0.00	0.00	0.00	21548.96
(2) ACTUALDEMAND MET (GR. MW	16189	14729	3828	22975	602	347	816	1074		58643
(B) ENERGY AVAILABILITY/ REQUIREMENT ETC.(EX-BUS) IN (MUs)										
CONSTITUENT	GUVNL	MPPGCL	CSEB*	MSPGCL	GOA	DAMAN & DIU	DNH	ESIL&BARC	HVDC DRAWAL	WESTERN REGION
1. OWN GEN										
Thermal Coal+Gas Based	5547.69	2450.13	1424.68	7878.69	63.91	0.00	0.00	0.00	0.00	17365.10
Hydro	53.99	489.07	17.77	462.22	0.00	0.00	0.00	0.00	0.00	1023.05
Wind Injection	905.42	260.92	0.00	266.66	0.00	0.00	0.00	0.00	0.00	1433.00
Solar Injection	305.64	193.99	25.96	186.56	0.00	1.63	0.00	0.00	0.00	713.78
Bio Mass Injection	14.01	3.34	13.88	0.00	0.00	0.00	0.00	0.00	0.00	31.23
Total	6826.75	3397.45	1482.30	8794.12	63.91	1.63	0.00	0.00	0.00	20566.16
2 (I).Total drawl from ISTS Grid (at State Peripheri Excluding Tr. Losses)	2613.26	4025.98	890.07	4384.03	300.55	217.43	567.58	181.02	1.66	13181.57
2 (II) B.Total drawl from ISTS Grid (Including Tr. Losses)	2683.02	4133.45	913.83	4501.05	308.57	223.23	582.73	185.85	1.71	13531.73
3. NET IMPORT	0.00	0.00	0.00	0.00	49.34	0.00	0.00	0.00	0.00	49.34
4. NET EXPORT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 TOTAL AVAILABILITY (EXC ISTS TRANS. LOSSES) / TOTAL AVAILABILITY / NET ACTUAL ENERGY SUPPLIED (INC. ISTS TRAN.LOSSES)										
5 (I) . TOTAL AVAILABILITY (EXCL. ISTS TRANS. LOSSES)	9440	7423	2372	13178	414	219	568	181	1.66	33797.07
5 (II). TOTAL AVAILABILITY / NET ACTUAL ENERGY SUPPLIED (INCL ISTS TRANS. LOSSES)	9509.77	7530.90	2396.13	13295.18	421.82	224.86	582.73	185.85	1.71	34147.23
6. SHORTFALL										
6 (I). SHORTFALL (MU)	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.43
6 (II). SHORTFALL (%)	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Freq. correction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Un Sch.Load Shedding	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.42
Sch.Load Shedding	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Unrestricted Requirement	9440	7423	2373	13178	414	219	568	181	1.66	33797

AVERAGE WR GRID POOL LOSS

2.60

(C) DEMAND AVAILABILITY/UNRESTRICTED REQUIREMENT IN (MW)

1. REQUIREMENT	16189	14729	3829	22975	603	347	816	1074	2	58643
2. AVAILABILITY	16189	14729	3826	22975	602	347	816	1074	2	58643
3. SHORTFALL	0.00	0.00	2.68	0.00	0.63	0.00	0.00	0.00	0.00	0.00
4. % SHORTFALL	0.00	0.00	0.07	0.00	0.10	0.00	0.00	0.00	0.00	0.00
The details of calculations for Unrestricted Requirement										
Demand met at Unrestricted max	16189	14729	3826	22975	602	347	816	1074	2	58643
Freq. correction	0	0	3	0	1	0	0	0	0	0
Un Sch.Load Shedding	0	0	0	0	0	0	0	0	0	0
Sch.Load Shedding	0	0	0	0	0	0	0	0	0	0
Unrestricted Demand	16189	14729	3829	22975	603	347	816	1074	2	58643
Min. Registered Demand	8954	5561	2664	13745						35669

(D) Details of Gross generation, Declared Capacity, Scheduled generation & Injection from CS and dedicated Stations

C.S. Station & Dedicated Stations				Gross Generation (MUs)	Injection (MUs)
Korba				1427.29	1355.93
Korba-III				366.54	348.21
Vindhyachal-I				771.99	733.39
Vindhyachal-II				646.81	614.47
Vindhyachal-III				694.50	659.78
Vindhyachal-IV				648.94	616.49
Vindhyachal-V				314.59	298.86
Kawas				42.14	41.30
Gandhar				7.86	7.71
Sipat I				1395.91	1340.07
Sipat II				695.85	668.01
MAUDA-I				272.49	261.59
MAUDA-II				599.43	575.45
Lara				466.52	447.86
Gadarwada				184.73	177.34
SOLAPUR				-3.31	-3.14
NSPCL				202.95	194.84
RGPP				350.02	343.02
Kakrapar				556.69	521.62
Tarapur II (3&4)				84.12	77.39
Tarapur I (1&2)				313.98	285.72
SSP				402.23	398.21
OTHER IPPS				12720.87	11957.62
Pench				17.05	16.80
Total				23180.19	21938.52

(F) Total Drawal by the Constituents

Constituents			Actual total drawal from grid excluding grid loss
			(MUs)
GUJARAT			2613.26
MADHYA PRADESH			4025.98
CHHATISHGARH			890.07
MAHARASHTRA			4384.03
GOA(WR)			300.55
DD			217.43
DNH			567.58
ESIL			178.41
BARC			2.60
HVDC DRAWAL			1.66
TOTAL			13181.57

(G) FREQUENCY REGIME OF WESTERN REGION GRID

	1. Instantaneous (Hz)	2. Integrated (Hz)	3. Average (Hz)
Maximum Freq.	50.27	50.10	50.00
Minimum Freq.	49.69	49.88	

3. Percentage Time when the Frequency was

3.1 Below 49.9 Hz. 3.2 BETWEEN 49.9 Hz. AND 50.05 Hz. 3.3 ABOVE 50.05 Hz.	6.48 75.01 18.51	4. No of Occasions when Frequency was	
		FREQUENCY TOUCHED	
		49.20 Hz.	0.00
		49.00 Hz.	0.00
		48.8 Hz.	0.00
Net Import / export of Energy in the Regi			
		Actual Energy import (MU)	-8107
		Sch Energy import (MU)	-7755

विद्युतदाब रूपरेखा जनवरी 2020
Voltage Profile during the month of JAN'2020

संलग्नक Annex-2.3

दिनांक	भोपाल		खडवा		इटारसी		दमोह		नागदा		इंदौर		ग्वालियर		रायपुर		रायगढ़	
Date	Bhopal		Khandwa		Itarsi		Damoh		Nagda		Indorer		Gwalior		Raipur		Raigarh	
	400kV		400kV		400kV		400kV		400kV		400kV		400kV		400kV		400kV	
	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	419	398	423	407	417	396	427	403	421	401	419	401	417	395	427	417	428	420
2	417	398	424	405	416	397	427	405	420	394	419	401	413	394	428	418	429	420
3	417	397	423	405	415	397	427	407	418	399	417	400	415	394	428	418	429	421
4	417	400	423	406	416	399	427	407	418	401	417	402	415	394	427	419	428	420
5	417	400	423	406	415	399	427	407	420	402	419	401	415	394	426	417	428	419
6	419	393	424	402	417	392	428	401	421	395	420	396	417	395	427	416	428	418
7	416	399	420	403	412	395	424	405	417	397	416	399	415	395	425	416	428	418
8	418	399	422	404	415	396	426	408	420	398	418	399	413	397	426	416	429	418
9	417	399	422	406	416	397	429	408	420	401	419	401	416	398	428	419	430	423
10	420	402	424	408	419	400	429	409	420	404	419	404	415	394	428	418	430	421
11	419	397	424	403	417	396	429	407	420	399	419	399	415	395	428	419	430	422
12	419	399	421	403	416	396	429	408	418	397	417	399	415	392	428	420	431	422
13	417	400	422	405	414	397	428	407	420	400	418	401	415	395	428	418	429	421
14	418	400	423	407	414	398	426	407	421	401	420	402	413	395	426	417	428	419
15	418	400	423	404	416	397	428	408	422	400	419	400	415	395	427	418	429	420
16	417	401	423	407	416	399	428	411	420	404	418	403	415	396	427	417	429	421
17	415	400	421	408	413	399	426	409	419	403	417	402	416	397	425	417	428	419
18	415	398	422	404	414	395	426	405	420	403	419	402	415	395	424	416	427	419
19	417	400	423	408	416	399	428	408	420	404	419	405	415	395	424	416	427	418
20	415	397	422	405	415	395	426	405	419	403	418	402	415	395	425	417	428	419
21	415	399	421	406	414	396	424	406	419	400	418	401	415	398	424	416	428	419
22	416	398	422	406	415	396	427	406	420	402	419	401	417	396	425	416	429	420
23	415	399	423	408	414	397	425	407	420	404	419	403	417	395	424	415	427	419
24	415	398	421	405	414	396	424	405	418	400	417	400	416	396	423	414	427	419
25	415	397	420	404	413	395	421	403	417	398	416	398	416	399	424	414	428	419
26	415	398	421	408	414	397	423	400	418	403	417	403	415	398	423	417	429	421
27	415	395	421	404	414	393	425	400	420	399	418	399	415	396	425	414	429	418
28	416	398	422	405	413	395	424	404	419	399	419	400	415	398	423	414	427	418
29	417	397	420	404	414	394	424	403	417	395	418	399	415	398	423	413	427	417
30	415	399	421	406	414	396	424	405	416	400	417	401	415	399	423	415	428	419
31	417	398	424	406	416	396	426	403	418	399	419	400	415	397	425	415	429	419
	420	393	424	402	419	392	429	400	422	394	420	396	417	392	428	413	431	417

दिनांक	भिलाई		वधो		धुले		परली		बोईसर		कलवा		कराड		असोज		देहगाम	
Date	Bhilai		Wardha		Dhule		Parli		Boisar		Kalwa		Karad		Asoj		Dehgam	
	400kV		400kV		400kV		400kV		400kV		400kV		400kV		400kV		400kV	
	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	422	412	425	415	437	415	427	405	427	413	437	412	428	410	418	406	421	411
2	423	412	424	410	436	409	426	406	428	407	438	409	428	411	419	404	422	409
3	423	413	425	412	435	413	426	405	425	409	435	409	429	412	417	404	421	408
4	422	413	425	415	436	414	425	408	428	408	438	409	429	408	419	404	423	410
5	421	412	426	412	437	411	428	402	427	407	438	410	431	412	418	404	422	410
6	422	410	424	412	435	413	426	405	427	404	437	406	430	410	418	401	422	407
7	419	410	424	410	434	410	425	403	423	399	432	402	426	408	415	402	420	406
8	420	411	425	411	435	410	424	402	421	398	431	400	427	406	417	403	421	407
9	422	414	423	411	435	416	425	403	425	404	435	406	428	410	417	406	421	409
10	423	413	427	413	437	414	428	406	427	410	438	411	430	411	419	405	422	408
11	423	413	425	413	435	412	426	404	427	404	436	406	430	408	418	402	423	406
12	423	414	424	414	433	412	425	402	423	406	432	410	428	411	416	404	421	409
13	423	413	426	409	434	410	427	402	424	401	433	402	429	410	416	403	421	408
14	421	412	424	413	436	412	425	400	424	404	433	401	428	408	421	407	423	411
15	422	413	424	411	436	406	426	402	423	405	435	404	428	410	421	405	426	409
16	423	412	424	414	435	414	425	404	427	404	437	406	430	410	418	405	422	408
17	421	412	423	412	436	414	424	400	426	410	436	410	429	410	416	404	420	408
18	420	411	423	410	435	411	425	398	429	405	438	404	429	410	416	403	421	407
19	420	411	422	414	433	412	424	403	424	407	437	410	430	411	416	406	419	408
20	421	412	423	411	434	408	426	399	427	399	437	400	431	409	418	403	421	408
21	420	411	423	411	436	415	423	402	424	401	433	401	428	409	416	405	419	408
22	421	411	425	411	435	409	425	403	424	399	434	399	429	406	415	403	419	405
23	420	411	424	412	433	409	422	398	424	401	432	402	426	411	415	402	417	405
24	419	410	424	410	433	407	422	400	422	403	431	402	426	410	416	401	420	404
25	420	410	424	412	433	410	422	399	423	401	432	402	427	407	415	402	419	405
26	419	413	425	416	435	408	424	404	425	414	431	415	430	413	418	407	421	410
27	421	409	423	410	434	410	423	403	427	403	436	403	428	409	417	403	421	406
28	419	410	424	409	436	411	422	401	421	400	431	401	428	410	417	401	419	405
29	419	409	421	406	438	410	421	399	421	403	432	404	426	410	416	403	420	406
30	419	410	424	411	437	405	422	400	426	400	437	402	428	409	416	404	419	408
31	421	410	427	415	436	413	427	402	425	410	435	411	430	411	419	403	422	408
	423	409	427	406	438	405	428	398	429	398	438	399	431	406	421	401	426	404

दिनांक	कासोर		जेटपुर		अमरेली		वापी		मापुसा		कला		मगरवाड़ा		हजौरा		बीना		इंदौर	
Date	Kasor		Jetpur		Amreli		Vapi		Mapusa		Kala		Magarwada		Hazira		Bina		Indore	
	400kV		400kV		400kV		400kV		400kV		400kV		400kV		400kV		765Kv		765Kv	
	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	419	410	418	406	422	410	422	400	427	402	424	410	428	414	422	404	797	760	790	753
2	420	408	417	405	420	408	423	402	426	402	425	403	430	408	422	403	790	761	780	759
3	418	408	418	406	421	407	419	402	423	400	421	403	426	409	418	402	794	759	788	755
4	422	408	420	407	422	409	422	402	428	400	423	403	429	409	421	397	795	763	784	756
5	419	408	418	408	419	412	421	401	431	404	423	403	428	407	421	401	795	764	787	748
6	418	408	417	406	420	408	421	399	427	397	422	400	429	406	421	398	798	756	791	751
7	418	406	418	405	420	408	417	393	424	381	417	395	424	401	419	399	789	759	786	754
8	420	408	419	400	424	395	417	396	425	394	418	398	420	400	420	401	794	766	784	755
9	417	410	418	408	423	413	420	400	424	396	422	401	426	405	422	401	795	763	789	757
10	418	410	418	406	422	412	421	404	428	402	423	406	428	412	421	402	798	768	791	755
11	424	408	418	405	423	411	420	400	427	399	421	401	427	406	421	401	797	758	792	747
12	422	409	416	403	421	408	417	401	425	404	418	401	424	407	419	402	796	763	792	752
13	423	408	416	407	422	413	419	395	427	403	420	399	425	403	418	401	796	766	794	754
14	423	410	417	405	423	410	420	405	425	399	423	406	426	409	423	405	791	765	787	758
15	426	408	416	405	420	409	425	402	424	399	426	403	431	407	425	404	792	763	797	753
16	418	410	416	407	421	413	422	399	428	400	424	401	428	405	422	400	792	767	790	758
17	423	409	416	408	421	414	419	402	428	398	420	404	426	410	418	399	793	767	791	753
18	417	411	416	406	421	411	421	399	428	396	423	400	428	406	419	397	794	762	782	757
19	417	409	416	406	420	412	419	399	427	403	421	404	425	409	418	403	797	766	787	757
20	415	412	416	407	422	412	420	397	430	401	420	398	427	402	419	401	794	759	783	755
21	412	412	415	406	420	412	418	398	425	397	420	399	425	403	417	397	795	768	789	758
22	412	412	415	406	420	411	419	395	426	394	421	396	424	400	418	400	797	764	789	749
23	421	412	415	405	420	411	416	395	425	397	418	396	423	401	417	397	795	762	789	754
24	423	408	416	404	420	408	417	395	423	398	417	395	423	403	422	397	796	764	795	748
25	422	411	415	404	421	411	416	392	424	395	417	396	424	402	419	396	794	764	792	748
26	424	412	415	405	420	412	420	406	426	406	424	411	428	416	421	406	794	765	783	757
27	423	412	415	401	420	406	421	397	426	397	424	400	429	405	420	393	794	760	786	756
28	423	410	417	405	421	411	417	395	425	400	418	395	423	401	418	394	789	758	789	752
29	422	410	416	405	422	412	416	397	423	397	417	398	423	403	420	399	794	760	791	750
30	421	410	416	406	422	412	420	397	424	395	421	398	427	403	420	403	792	765	787	756
31	425	411	417	406	424	412	421	400	427	398	422	401	427	409	423	404	795	759	786	754
	426	406	420	400	424	395	425	392	431	381	426	395	431	400	425	393	798	756	797	747

दिनांक	सासन		सतना		तमनार		कोटरा		वडोदरा		दुर्ग		ग्वालियर		सिपत		सियोनि		वर्धा	
Date	Sasan		Satna		Tamnar		Kotra		Vadodara		Durg		Gwalior		Sipat		Seoni		Wardha	
	765Kv		765Kv		765Kv		765Kv		765Kv		765Kv		765Kv		765Kv		765Kv		765Kv	
	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	अधिकतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम	अधिकतम	न्युनतम
	Max	Min	Max	Min	Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	780	760	789	757	792	775	792	774	794	773	794	775	806	758	787	770	797	771	796	773
2	779	761	789	761	791	776	791	775	794	765	793	772	792	761	785	769	793	766	796	756
3	780	760	790	758	790	774	789	772	791	768	791	772	797	758	783	767	794	766	793	767
4	779	763	789	762	789	776	789	774	794	766	790	775	794	764	782	768	794	770	793	773
5	779	763	788	762	790	773	789	771	793	766	791	772	796	763	782	767	794	768	794	770
6	781	759	794	755	789	772	789	770	794	760	790	768	798	757	782	763	793	760	797	761
7	775	760	785	759	791	771	791	769	789	763	794	767	794	759	781	763	793	763	795	758
8	778	763	787	764	791	771	790	770	789	765	794	767	798	765	781	765	797	764	801	759
9	780	762	791	764	791	779	791	778	792	771	795	776	797	763	782	772	796	768	795	763
10	783	766	794	767	794	779	795	778	796	772	801	777	798	767	786	770	800	771	798	761
11	782	761	792	759	795	779	796	780	794	764	800	779	797	753	789	770	799	767	797	767
12	782	764	790	767	798	783	800	784	784	784	801	784	797	758	788	774	796	771	794	770
13	783	765	786	765	794	781	796	781	792	770	803	778	799	766	785	770	797	765	803	760
14	778	763	786	763	792	781	794	781	799	773	796	780	794	763	782	769	793	770	796	769
15	779	762	788	762	794	779	795	778	798	767	798	778	796	763	783	768	793	765	792	765
16	783	764	792	767	797	781	796	780	793	773	799	780	796	767	785	769	795	769	795	771
17	781	766	790	767	793	781	794	780	791	770	799	781	801	764	782	767	791	768	796	764
18	781	763	789	762	791	776	792	776	790	767	799	776	797	762	780	764	791	762	794	759
19	783	765	793	764	791	784	793	779	792	774	798	782	796	758	783	767	794	769	792	771
20	780	762	789	760	792	777	793	775	788	765	799	776	797	758	781	763	792	762	795	764
21	780	765	792	766	792	780	796	780	793	772	801	781	796	765	783	767	793	766	796	763
22	782	761	792	762	796	776	797	776	792	765	804	776	797	765	784	765	797	764	797	763
23	786	764	791	762	789	773	790	773	792	765	790	770	803	766	780	764	792	766	793	765
24	778	762	785	763	791	776	791	776	794	763	793	770	796	763	780	764	793	761	801	757
25	776	764	785	766	789	778	790	777	791	766	790	773	797	770	779	766	791	765	798	763
26	780	764	790	764	787	787	792	781	792	772	793	780	796	762	780	770	792	771	798	775
27	778	759	786	758	791	774	790	773	791	767	791	769	797	758	780	762	790	760	794	759
28	774	760	782	758	790	773	790	771	796	765	787	765	793	765	780	761	790	758	795	757
29	777	760	786	762	789	771	789	769	793	765	793	771	794	761	780	760	789	755	789	750
30	778	764	786	763	793	777	794	777	789	769	797	771	794	763	782	765	794	763	796	758
31	778	761	787	760	795	781	796	781	797	768	800	781	797	759	784	770	798	767	800	770
	786	759	794	755	798	771	800	769	799	760	804	765	806	753	789	760	800	755	803	750

पश्चिम क्षेत्रीय विद्युत समिति, मुंबई
WESTERN REGIONAL POWER COMMITTEE, MUMBAI

सं. पक्षेविस / प्रचालन/ विद्युत कटौतियां /2019-20

दिनांक : 05.02.2020

From: अधीक्षण अभियंता (प्रचालन), पक्षेविस, मुंबई

Superintending Engineer (Operation), WRPC, Mumbai

To: 1. Director (GM), 6th Floor, Sewa Bhawan, CEA, New Delhi (fax no. 011- 26109750)

2. Chief Engineer, OPM Division, CEA, New Delhi (Fax no. 011-26732337, 26107416)

विषय : - जनवरी 2020 के दौरान पश्चिम क्षेत्र में विद्युत कटौतियां/ पाबंदियां

Subject: -Power Cut/Restrictions in Western Region for the month of January-2020

क : गुजरात Gujarat

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)	Remark
		From	Total Energy Cut (MUs /day)		
(a) Power Restrictions(Evening peak Hour) on non continuous process HT/LT Industries	शून्य Nil	शून्य Nil	शून्य Nil	शून्य Nil	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 stagger on notified day only & cannot avail as per their choice. All industries are required to keep their recess timings staggered.
(b) भार नियमन Load Shedding	शून्य Nil	शून्य Nil	शून्य Nil	शून्य Nil	
(c) अन्य जानकारी Other information 1. Weekly Off 2. Staggering of power supply	शून्य Nil शून्य Nil	शून्य Nil शून्य Nil	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	01.01.2020	31.01.2020	10:00	8:00	8:12
2.2 Single Phase supply	01.01.2020	31.01.2020	16:00	16:00	16:00

3 अन्य जानकारी

3. Any other information

1. Jayotigram Yojana-24 hours.
2. There is no load shedding in Urban areas

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	NIL	NIL	NIL	NIL
(b) भार नियमन Load Shedding				
(c) अन्य जानकारी Other information 1.Weekly Off 2.Staggering of power supply	NIL	NIL	NIL	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(Mixed)	01.01.2020	31.01.2020	23:57	23:19	23:46
2.2 Three-Phase Supply(DLF)	01.01.2020	31.01.2020	23:56	23:39	23:47
2.3 Three-Phase Supply(Irrigation)	01.01.2020	31.01.2020	09:58	09:51	09:56

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	औसत प्रतिदिन आपूर्ति घंटे Average Supply Hours per day		
			Max. (Hrs)	Min. (Hrs)	Average (Hrs)
3.1 Commissionerary H. Qtrs.	01.01.2020	31.01.2020	23:59	23:24	23:52
3.2 District Head Qtrs.	01.01.2020	31.01.2020	23:58	23:22	23:54
3.3 Tehsil Head Qtrs.	01.01.2020	31.01.2020	23:57	23:28	23:50

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

Details	Quantum of power cut (MW)	Restriction Timing		Total Energy Cut (MUs /day)
		From	To	
(a) Power Restrictions(Evening peak Hour) on non-continuous process HT/LT Industries (b) Load Shedding	NIL	NIL	NIL	NIL
(c) Other information 1.Weekly Off	NIL	NIL	NIL	NIL
2.Staggering of power supply	-			

2. Power supply to Agricultural Sector: -

Details	From Date	To Date	Supply Hours per day		
			Max. (Hrs)	Min. (Hrs)	Average (Hrs)
2.1 Three-Phase Supply	01.01.2020	31.01.2020	10	8	9
2.1 Single-Phase Supply	01.01.2020	31.01.2020	18	18	18

3. Scheduled Power cuts in Urban Areas

Details	From Date	To Date	Average Supply Hours per day		
			Max. (Hrs)	Min. (Hrs)	Average (Hrs)
3.1 Commissioner H. Qtrs.	01.01.2020	31.01.2020	NIL	NIL	NIL
3.2 District Head Qtrs.	01.01.2020	31.01.2020	NIL	NIL	NIL
3.3 Tehsil Head Qtrs.	01.01.2020	31.01.2020	NIL	NIL	NIL

4. Any other information

3. Load Shedding due to Transmission Constraint in real time.	Date	Quantum in MW	Avg Mus/Day
	-	-	-
	-	-	-
	-	-	-

घ : छत्तीसगढ़ Chhattisgarh:

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 continuous process HT/LT Industries M	NIL	NIL	NIL	NIL
(b) भार नियमन Load Shedding	NIL	NIL	NIL	NIL
(c) अन्य जानकारी Other information 1.Weekly Off 2.Staggering of power supply	शून्य Nil शून्य Nil	शून्य Nil शून्य Nil	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(Mixed)	01.01.2020	31.01.2020	NIL	NIL	NIL
2.2 Three-Phase Supply(DLF)	01.01.2020	31.01.2020	NIL	NIL	NIL
2.3 Three-Phase Supply(Irrigation)	01.01.2020	31.01.2020	18:00	18:00	18:00

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	औसत प्रतिदिन आपूर्ति घंटे Average Supply Hours per day		
			Max. (Hrs)	Min. (Hrs)	Average (Hrs)
3.1 Commissionerary H. Qtrs.	01.01.2020	31.01.2020	24:00	0	24:00
3.2 District Head Qtrs.	01.01.2020	31.01.2020	18:00	0	18:00
3.3 Tehsil Head Qtrs.	01.01.2020	31.01.2020	24:00	0	24:00

अनिवार्य युनिट आऊटेज का जनवरी 2020 का विस्तारित ब्यौरा
Details of forced unit outages during the month of January'2020

अनु क्रमांक Sl.No	युनिट Unit	संघटक Constituent /IPP	क्षमता मेगावॉट Cap.MW	से From समय	दिनांक Date	तक To समय	दिनांक Date	कारण Reason
1.	बीईसीएल BECL 1	GSECL	250	19:52	29-03-2019	19:37	12-01-2020	R-ph GT bushing insulator broken
2.	डीजीबीपी DGBP 1 - UNIT 2	GSECL	112	22:30	19-06-2019	11:32	17-01-2020	Gas Turbine Problem
3.	वानकबोरी Wanakbori GIS - 8	GSECL	800	05:53	12-11-2019	Still out	Still out	BTL
4.	सूजन SUGEN 1 - UNIT 3	GSECL	383	17:59	27-12-2019	11:49	10-01-2020	RSD
5.	उतरन स्टेज UTRAN STG II -1	GSECL	375	07:30	02-01-2020	03:39	17-01-2020	NON-AVAILABILITY OF GAS
6.	डीजीबीपी DGBP 3 - 1	GSECL	375	07:44	02-01-2020	08:08	23-01-2020	NON-AVAILABILITY OF GAS
7.	बीईसीएल BECL - UNIT 2	Gujarat	250	17:43	02-01-2020	01:20	06-01-2020	Coal feeding problem occurred due to RBCN-8(B) Conveyor belt got broken
8.	एसएलपीपी SLPP - 4	GSECL	125	15:16	04-01-2020	09:23	07-01-2020	BTL
9.	जीआईपीसीएल GIPCL STG 2 - UNIT 1	GSECL	165	18:23	07-01-2020	12:29	11-01-2020	RSD
10.	जीआईपीसीएल GIPCL STG 2 - UNIT 1	GSECL	165	19:53	11-01-2020	09:58	21-01-2020	RSD
11.	वानकबोरी Wanakbori - 7	GSECL	210	13:24	06-01-2020	05:31	09-01-2020	BTL
12.	जीटीपीएस GTPS - 3	GSECL	210	20:17	07-01-2020	Still out	Still out	RSD
13.	जीटीपीएस GTPS - 4	GSECL	210	16:56	08-01-2020	Still out	Still out	RSD
14.	वानकबोरी Wanakbori - 2	GSECL	210	10:29	09-01-2020	05:34	13-01-2020	RSD
15.	वानकबोरी Wanakbori-1	GSECL	210	11:40	10-01-2020	Still out	Still out	RSD
16.	सूजन SUGEN 1 - UNIT 3	GSECL	383	12:15	10-01-2020	12:06	17-01-2020	RSD
17.	वानकबोरी Wanakbori - UNIT 7	GSECL	210	19:44	13-01-2020	06:42	18-01-2020	Main steam strainer leakage
18.	एसएलपीपी SLPP - UNIT 4	GSECL	125	09:45	14-01-2020	04:51	17-01-2020	BTL
19.	वानकबोरी Wanakbori - UNIT 5	GSECL	210	10:30	14-01-2020	03:01	17-01-2020	RSD
20.	वानकबोरी Wanakbori - UNIT 4	GSECL	210	18:07	17-01-2020	15:36	21-01-2020	RSD
21.	डीजीबीपी DGBP 1 - UNIT 1	GSECL	107	19:15	17-01-2020	still out	still out	RSD
22.	सूजन SUGEN 1 - UNIT 2	GSECL	383	19:28	17-01-2020	11:37	05-02-2020	RSD
23.	वानकबोरी Wanakbori - UNIT 2	GSECL	210	20:22	17-01-2020	14:27	21-01-2020	RSD
24.	वानकबोरी Wanakbori - 2	GSECL	210	19:55	21-01-2020	15:58	28-01-2020	RSD
25.	उतरण स्टेज UTRAN STG II-1	GSECL	375	19:56	21-01-2020	05:35	25-01-2020	RSD
26.	सूजन SUGEN 1 - 3	GSECL	383	23:00	21-01-2020	09:06	03-02-2020	RSD
27.	वानकबोरी Wanakbori - 6	GSECL	210	00:36	23-01-2020	04:10	27-01-2020	RSD
28.	बीईसीएल BECL - UNIT 2	GSECL	250	22:19	27-01-2020	still out	still out	Stator earth fault
29.	बीईसीएल BECL - UNIT 1	GSECL	250	21:55	29-01-2020	still out	still out	Coal feeding problem.

30.	जीआईपीसीएल GIPCL STG 2 - UNIT 1	GSECL	165	12:49	30-01-2020	still out	still out	RSD.
31.	उत्तरण स्टेज UTRAN STG II - UNIT 1	GSECL	375	11:24	31-01-2020	09:45	03-02-2020	RSD
32.	वानकबोरी Wanakbori - UNIT 2	GSECL	210	18:38	31-01-2020	still out	still out	RSD
33.	जीपीपीसी GPPC 1	GSPC	351	17:19	09-12-2019	Still out	Still out	RSD
34.	जीसेग GSEG STG 2 - 1	GSPC	351	08:08	26-12-2019	00:06	01-01-2020	RSD
35.	जीसेग GSEG STG 2 - 1	GSPC	351	07:30	02-01-2020	Still out	Still out	Non-availability of gas
36.	जीपीपीसी GPPC - UNIT 2	GSPC	351	18:22	29-12-2019	07:30	02-01-2020	RSD
37.	जीपीपीसी GPPC - UNIT 2	GSPC	351	07:30	02-01-2020	Still out	Still out	Non-availability of gas
38.	जीसेग GSEG STG 2 - 1	GSPC	351	07:30	02-01-2020	Still out	Still out	Non-availability of gas
39.	जीपीपीसी GPPC - UNIT 2	GSPC	351	07:30	02-01-2020	Still out	Still out	Non-availability of gas
40.	टोररेंट पावर Torrent Power - F - 1	Torrent Power	121	02:31	19-12-2019	00:40	14-01-2020	RSD
41.	टोररेंट पावर Torrent Power -D -1	Torrent Power	120	23:53	04-01-2020	Still out	Still out	RSD
42.	परली Parli 4	MAHAGENCO	210	19:47	05-07-2015	Still out	Still out	Economic shutdown
43.	परली Parli 5	MAHAGENCO	210	14:55	06-07-2015	Still out	Still out	Economic shutdown
44.	पायोनीर Pioneer(262+126) 1	MAHAGENCO	388	17:45	07-02-2017	Still out	Still out	RSD
45.	डबल्यूपीसीएल WPCL 1	MAHAGENCO	135	04:48	25-11-2018	Still out	Still out	NO PPA
46.	डबल्यूपीसीएल WPCL 2	MAHAGENCO	135	00:00	27-11-2018	Still out	Still out	No schedule
47.	डबल्यूपीसीएल WPCL 4	MAHAGENCO	135	00:00	15-12-2018	Still out	Still out	RSD
48.	वीआईपीएल VIPL 1	MAHAGENCO	300	00:30	29-12-2018	Still out	Still out	Coal shortage
49.	वीआईपीएल VIPL 2	MAHAGENCO	300	00:15	17-01-2019	Still out	Still out	Coal Shortage
50.	कोराडी Koradi 7	MAHAGENCO	210	09:52	27-08-2019	Still out	Still out	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)
51.	भुसावल Bhusawal - 3	MAHAGENCO	210	17:56	01-09-2019	Still out	Still out	RSD
52.	कोराडी Koradi - 6	MAHAGENCO	210	15:41	06-09-2019	Still out	Still out	Low Schedule
53.	कोराडी Koradi - 7	MAHAGENCO	210	20:00	12-09-2019	Still out	Still out	zero schedule
54.	घाटघर GHATGHAR - UNIT 1	MAHAGENC O	125	04:20	25-09-2019	Still out	Still out	Water leakage through shaft seal I;AOH works also being carried out since 01- 11-2019ine
55.	नासिक NASIK - 4	MAHAGENCO	210	04:15	20-11-2019	10:35	17-01-2020	ID fan vibration high
56.	उरण Uran - 8	MAHAGENCO	108	19:14	30-11-2019	22:21	28-01-2020	Due to Over speed,
57.	भुसावल Bhusawal - 5	MAHAGENCO	500	22:05	23-12-2019	Still out	Still out	BTL
58.	उरण Uran - 7	MAHAGENCO	108	22:48	28-12-2019	02:10	28-01-2020	Gas Shortage
59.	उरण URAN B0 - 1	MAHAGENCO	120	22:48	28-12-2019	09:52	28-01-2020	outage of both unit-7 (Gas shortage) and unit-8 (tripped due to over speed)
60.	भुसावल Bhusawal - 4	MAHAGENCO	500	00:57	29-12-2019	Still out	Still out	RSD

61.	खापरखेड़ा Khaparkheda - UNIT 1	MAHAGENCO	210	03:35	31-12-2019	00:11	12-01-2020	BTL
62.	खापरखेड़ा Khaparkheda - 2	MAHAGENCO	210	16:53	31-12-2019	23:37	11-01-2020	RSD
63.	खापरखेड़ा Khaparkheda - 3	MAHAGENCO	210	17:33	31-12-2019	23:24	11-01-2020	RSD
64.	खापरखेड़ा Khaparkheda - 4	MAHAGENCO	210	19:58	01-01-2020	23:49	11-01-2020	Zero schedule
65.	परली Parli - 6	MAHAGENCO	250	22:00	02-01-2020	04:40	06-01-2020	Zero schedule
66.	कोराडी Koradi-2 - 10	MAHAGENCO	660	03:39	04-01-2020	21:50	07-01-2020	BTL
67.	परली Parli - unit 7	MAHAGENCO	250	19:31	05-01-2020	20:08	07-01-2020	BTL
68.	उरण Uran - 6	MAHAGENCO	108	16:02	11-01-2020	09:01	17-01-2020	Gas shortage
69.	परली PARLI - 6	MAHAGENCO	250	00:00	12-01-2020	04:08	22-01-2020	Zero schedule
70.	परली PARLI - 7	MAHAGENCO	250	00:00	12-01-2020	04:20	22-01-2020	Zero schedule
71.	परली PARLI - 8	MAHAGENCO	250	00:00	12-01-2020	02:36	16-01-2020	Zero schedule
72.	ट्रोम्बे TROMBAY - 7	TPC	180	20:30	12-01-2020	09:19	17-01-2020	due to less availability of APM gas because of platform tripping at ONGC
73.	नासिक NASIK - UNIT 4	MAHAGENCO	210	04:30	19-01-2020	22:00	03-02-2020	Governing system problem
74.	चंद्रपुर Chandrapur - 4	MAHAGENCO	210	07:00	26-01-2020	20:55	29-01-2020	BTL
75.	उरण Uran - UNIT 6	MAHAGENCO	108	01:40	28-01-2020	still out	still out	Operating hours synchronization
76.	उरण Uran A0 - UNIT 1	MAHAGENCO	120	22:03	28-01-2020	still out	still out	Gas shortage
77.	उरण Uran - UNIT 5	MAHAGENCO	108	22:03	29-01-2020	still out	still out	Gas shortage
78.	परली PARLI - UNIT 8	MAHAGENCO	250	19:10	31-01-2020	10:10	03-02-2020	BTL
79.	चंद्रपुर Chandrapur - UNIT 3	MAHAGENCO	210	23:55	31-01-2020	still out	still out	Boiler Validity renewal
80.	एसजीटीपीएस SGTPS - 3	Madhya Pradesh	210	11:30	13-12-2019	04:56	08-01-2020	RSD
81.	एमबी पावर MB Power - 1	Madhya Pradesh	600	20:04	01-01-2020	17:40	05-01-2020	Due to APH gearbox Problem
82.	एसजीटीपीएस Sanjay GTPS - 1	Madhya Pradesh	210	10:10	02-01-2020	09:54	07-01-2020	RSD
83.	एसजीटीपीएस SGTPS - 2	Madhya Pradesh	210	21:45	03-01-2020	16:10	06-01-2020	BTL
84.	एसजीटीपीएस SGTPS - 2	Madhya Pradesh	210	21:25	06-01-2020	17:00	09-01-2020	Electrical Fault
85.	सिंगाजी Singaji - 2	Madhya Pradesh	600	12:30	07-01-2020	01:29	01-02-2020	w/d on Boiler Tube Leakage (Converted to RSD from 14.30Hrs DT. 11-01-2020)
86.	एसजीटीपीएस SGTPS - 3	Madhya Pradesh	210	16:30	08-01-2020	17:30	25-01-2020	RSD
87.	एसजीटीपीएस SGTPS - 2	Madhya Pradesh	210	17:00	09-01-2020	23:05	21-01-2020	RSD
88.	सातपुरा Satpura II - UNIT 7	Madhya Pradesh	210	22:43	17-01-2020	14:02	24-01-2020	RSD
89.	सातपुरा Satpura II - UNIT 3	Madhya Pradesh	210	10:46	18-01-2020	00:28	26-01-2020	RSD
90.	जेपी बिना JP BINA - 1	Madhya Pradesh	250	00:00	20-01-2020	10:46	29-01-2020	RSD
91.	जेपी बिना JP BINA - 2	Madhya Pradesh	250	00:00	20-01-2020	17:25	30-01-2020	RSD
92.	सातपुरा Satpura II - 6	Madhya Pradesh	200	22:07	23-01-2020	01:43	27-01-2020	BTL.
93.	मारवा टीपीएस Marwa TPS - 2	Chattisgarh	500	17:02	09-01-2020	Still out	Still out	Casing temperature high
94.	जीएमआर वरोरा GMR WARORA - 2	GMR WARORA (GWEL)	300	00:16	05-01-2020	03:05	01-02-2020	due to Generator Transformer#2 oil leakage
95.	आरजीपीपीएल RGPPL-1B	RGPPL	320	23:00	31-03--2014	Still out	Still out	Gas shortage

96.	आरजीपीपीएल RGPPL-1A	RGPPL	320	13:30	08-07-2014	Still out	Still out	Less requisition
97.	आरजीपीपीएल RGPPL - 3B	RGPPL	332	11:32	21-12-2019	16:52	13-01-2020	Less gas; changeover of the units
98.	आरजीपीपीएल RGPPL - 3A	RGPPL	332	16:57	21-12-2019	10:56	13-01-2020	Less gas; changeover of units
99.	आरजीपीपीएल RGPPL - UNIT 2B	RGPPL	332	16:00	13-01-2020	still out	still out	LESS GAS; CHANGEOVER OF THE UNITS
100.	आरजीपीपीएल RGPPL - UNIT 2A	RGPPL	332	21:58	13-01-2020	still out	still out	Unit changeover ;less gas
101.	अमरावती टीपीपी AMRAVATI TPP(INDIABULL)-1	Rattan Power India Ltd	270	09:11	01-09-2019	22:25	29-01-2020	Electrical protection operated
102.	अमरावती टीपीपी AMRAVATI TPP(INDIABULL)-3	Rattan Power India Ltd	270	02:00	24-10-2019	06:13	01-02-2020	Zero Schedule
103.	अमरावती टीपीपी AMRAVATI TPP(INDIABULL)-2	Rattan Power India Ltd	270	22:00	25-10-2019	02:18	01-02-2020	RSD
104.	अमरावती टीपीपी AMRAVATI TPP(INDIABULL)-5	Rattan Power India Ltd	270	03:00	09-11-2019	05:02	04-02-2020	RSD
105.	अमरावती टीपीपी AMRAVATI TPP(INDIABULL)-4	Rattan Power India Ltd	270	00:00	12-11-2019	Still out	Still out	Zero schedule
106.	एपीएल मुँदरा APL Mundra - 1	APL	330	00:13	04-01-2020	05:20	24-01-2020	Annual over hauling
107.	आरईजीएल REGL -1	APL-Adani, KWPCCL	600	22:00	26-12-2019	12:27	06-01-2020	Due to bottom ash evacuation problem.
108.	आरईजीएल REGL - 1	APL-Adani	600	23:46	10-01-2020	07:56	14-01-2020	HP Turbine valve suddenly closed
109.	आरईजीएल REGL - 1	APL-Adani	600	18:04	15-01-2020	still out	still out	Due to APH#B heavy abnormal sound.
110.	जेपीएल स्टेज JPL Stg-I 2	JPL	250	21:15	30-08-2018	Still out	Still out	Condenser tube leakage/Coal shortage since 00:00hrs of 02-09-2018
111.	जेपीएल स्टेज JPL Stg-II 1	JPL	600	02:07	16-03-2019	Still out	Still out	Condenser Tube Leakage/ Coal shortage
112.	जेपीएल स्टेज JPL Stg-II -3	Jindal power (JPL)	600	18:38	04-11-2019	Still out	Still out	coal bunker choking
113.	जेपीएल स्टेज JPL Stg-I - 3	Jindal power (JPL)	250	19:05	26-11-2019	04:31	13-01-2020	non-Availability of coal
114.	जेपीएल स्टेज JPL Stg-I - 4	Jindal power (JPL)	250	22:40	04-01-2020	00:00	10-01-2020	ESP ash evacuation problem
115.	जेपीएल स्टेज JPL Stg-II - 4	Jindal power (JPL)	600	00:02	09-01-2020	00:00	10-01-2020	Ash Evacuation problem
116.	जेपीएल स्टेज JPL Stg-I - UNIT 4	Jindal power (JPL)	250	00:00	10-01-2020	03:22	30-01-2020	non-availability of coal
117.	जेपीएल स्टेज JPL Stg-I - UNIT 1	Jindal power (JPL)	250	08:06	13-01-2020	still out	still out	Stalling in APH-B
118.	जेपी निगरी JP Nigrie - UNIT 2	Jaypee Nigire (JNSTPP)	660	13:48	25-01-2020	10:59	28-01-2020	BTL
119.	डीजीईएन DGEN-52	TPGL	400	00:05	01-05-2019	Still out	Still out	RSD
120.	डीजीईएन DGEN-53	TPGL	400	00:40	01-05-2019	Still out	Still out	RSD
121.	डीजीईएन DGEN - 1	TPGL	400	00:35	01-10-2019	Still out	Still out	RSD
122.	उनोसुजन UNOSUGEN - UNIT 1	Torrent Power (TPL)	383	20:54	13-01-2020	07:47	16-01-2020	RSD

123.	आरईएल REL - 1	REL	685	00:06	22-01-2020	Still out	Still out	Condenser tube leakage.
124.	आईईपीएल IEPL I	IEPL	270	21:26	28-08-2018	Still out	Still out	Coal Shortage
125.	आरकेएम पावर RKM Power 4	RKMPPPL	360	00:00	20-03-2019	Still out	Still out	Commercial operation declared from 00:00hrs of 20-03-2019; kept out on less fuel; intimated that from 10-05-2019, the reason is no schedule due to no PPA
126.	आरकेएम पावर RKM Power 1	RKMPPPL	360	06:52	02-07-2019	15:05	27-01-2020	Turbine vibration high
127.	आरकेएम पावर RKM Power - 3	RKM	360	16:50	17-11-2019	Still out	Still out	Boiler tube leakage.
128.	एसकेएस पावर SKS Power - UNIT 1	SKS	300	21:00	06-11-2019	01:29	01-02-2020	Clinker formation
129.	टीआरएन एनर्जि TRN Energy -1	ACBIL	300	00:01	01-10-2019	00:00	15-01-2020	Coal Shortage and Coal quality
130.	एसीबीआईएल ACBIL - 2	ACBIL	135	01:28	10-10-2019	Still out	Still out	Generator fault
131.	एसीबीआईएल ACBIL - 1	ACBIL	135	03:59	09-01-2020	still out	still out	BTL
132.	टीआरएन एनर्जि TRN Energy - 1	ACBIL	300	00:01	15-01-2020	still out	still out	low schedule by UPPCL
133.	एसीबीआईएल ACBIL - 1	ACBIL	135	06:30	19-01-2020	still out	still out	BTL
134.	बालको BALCO - 4	BALCO	300	02:37	21-11-2019	20:36	15-01-2020	For overhauling works
135.	सीजीपीएल CGPL - 4	CGPL	830	14:39	16-12-2019	00:22	08-01-2020	LP Pipe leakage
136.	एस्सार महान ESSAR(Mahan)2	Essar Mahan (EMPCL)	600	21:02	13-12-2019	21:20	15-01-2020	For carrying out miscellaneous maintenance activities in unit
137.	एस्सार महान ESSAR(Mahan) - UNIT 1	Essar Mahan (EMPCL)	600	22:15	15-01-2020	still out	still out	APH Problem
138.	KSK Mahanadi - 4	KSK Mahanadi	600	15:38	02-01-2020	07:07	16-01-2020	ID fan problem.
139.	एसकेएस पावर SKS Power - 2	SKS	300	23:50	10-01-2020	22:42	13-01-2020	BTL
140.	एसएसपी (आरबीपीएच) SSP(RBPH) - UNIT 5	SSP (SSNL)	200	18:15	09-01-2020	15:00	13-01-2020	Withdrawn as per schedule
141.	तारापुर Tarapur II - UNIT 2	NPCIL	540	20:01	02-01-2020	01:52	18-01-2020	As per regulatory (Atomic Energy Regulatory Board) requirement.
142.	तारापुर Tarapur I- UNIT 1	NPCIL	160	10:37	08-01-2020	Still out	Still out	Refueling works
143.	तारापुर Tarapur I - UNIT 2	NPCIL	160	13:00	17-01-2020	still out	still out	Leak in the stack gas line
144.	सोलापुर एसटीपीएस Solapur STPS - 2	NTPC	660	03:15	09-10-2019	Still out	Still out	RSD
145.	गडरवाड़ा Gadarwara - 1	NTPC	800	00:32	10-10-2019	11:25	09-01-2020	RSD
146.	कावास KAWAS - 2C	NTPC	106	00:33	30-10-2019	Still out	Still out	RSD
147.	सोलापुर एसटीपीएस Solapur STPS - UNIT 1	NTPC	660	21:45	16-12-2019	10:41	05-02-2020	RSD
148.	खरगोन Khargone - - 1	NTPC	660	08:32	23-12-2019	17:55	31-01-2020	Boiler feed pump tripped
149.	कावास KAWAS - UNIT 2B	NTPC	106	13:16	26-12-2019	Still out	Still out	RSD
150.	कावास KAWAS - UNIT 2A	NTPC	106	13:27	26-12-2019	14:40	25-01-2020	RSD

151.	गांधार Gandhar - GT1	NTPC	144.3	13:43	26-12-2019	05:22	10-01-2020	RSD
152.	गांधार Gandhar - GT2	NTPC	144.3	13:43	26-12-2019	06:00	06-01-2020	RSD
153.	खरगोन Khargone - 2	NTPC	660	20:15	01-01-2020	09:26	16-01-2020	Unit withdrawn after the testing of turbine over speed protection.
154.	कावास KAWAS - 1A	NTPC	106	19:25	04-01-2020	12:51	06-01-2020	RSD
155.	गांधार Gandhar - ST	NTPC	224.5	20:18	04-01-2020	Still out	Still out	RSD
156.	गांधार Gandhar - UNIT GT2	NTPC	144	06:00	06-01-2020	05:43	10-01-2020	Less gas availability
157.	गांधार Gandhar - UNIT GT3	NTPC	144	20:18	06-01-2020	05:15	10-01-2020	RSD
158.	गांधार Gandhar - UNIT GT3	NTPC	144	08:27	10-01-2020	14:50	03-02-2020	RSD
159.	गांधार Gandhar - UNIT GT1	NTPC	144	08:42	10-01-2020	17:29	04-02-2020	RSD
160.	गांधार Gandhar - UNIT GT2	NTPC	144	09:09	10-01-2020	05:20	05-02-2020	RSD
161.	कावास KAWAS - UNIT 1A	NTPC	106	08:25	13-01-2020	05:01	05-02-2020	RSD
162.	कावास KAWAS - UNIT 1C	NTPC	116	18:50	13-01-2020	still out	still out	RSD
163.	कावास KAWAS - UNIT 1B	NTPC	106	19:02	13-01-2020	15:30	04-02-2020	RSD
164.	केएसटीपीएस KSTPS -2	NTPC	200	20:22	13-01-2020	08:10	16-01-2020	BTL
165.	वीएसटीपी VSTPS IV - 1	NTPC	500	21:05	16-01-2020	18:58	21-01-2020	BTL
166.	गडरवाड़ा GADARWARA - 1	NTPC	800	01:32	19-01-2020	14:54	27-01-2020	RSD
167.	मौदा Mouda II - 1	NTPC	660	06:15	24-01-2020	07:20	04-02-2020	RSD
168.	कावास KAWAS -2A	NTPC	106	18:13	25-01-2020	03:56	05-02-2020	RSD

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

नियोजित युनिट आउटेज का जनवरी 2020 का विस्तारित ब्यौरा

Details of planned unit outages during the month of January. 2020

अनु क्रमांक Sl.No	युनिट Unit	संघटक Constituent/ IPP	क्षमता मेगावॉट Cap.MW	से From समय दिनांक		तक To समय दिनांक		कारण Reason
				Time	Date	Time	Date	
1.	डबल्यूपीसीएल WPCL 3	MAHAGENCO	135	00:28	01-11-2018	Still out	Still out	AOH
2.	चंद्रपुर Chandrapur - 7	MAHAGENCO	500	00:00	27-07-2019	Still out	Still out	AOH
3.	एपीएल मुंदरा APL Mundra - 6	APL	660	23:47	01-12-2019	Still out	Still out	COH
4.	एसटीपीएस STPS - 4	GSECL	250	01:38	07-12-2019	11:48	15-01-2020	AOH
5.	ओपीजीएस OPGS - 2	GSECL	150	23:30	10-12-2019	14:18	01-02-2020	AOH
6.	एसएसपी (आरबीपीएच) SSP(RBPH) - 2	SSP (SSNL)	200	08:00	24-12-2019	14:30	11-01-2020	AOH
7.	Dahanu - 2	MAHAGENCO	250	18:44	06-01-2020	12:21	03-02-2020	AOH
8.	उकाई UKAI - 5	GSECL	210	09:37	09-01-2020	Still out	Still out	AOH
9.	एसएसपी (आरबीपीएच) SSP(RBPH) - 3	SSP (SSNL)	200	09:00	17-01-2020	15:00	01-02-2020	AOH
10.	कोरबा पश्चिम KORBA(W) CSETCL - 5	Chattisgarh	500	00:00	22-01-2020	Still out	Still out	AOH
11.	केएसटी सीएल KSTPS - UNIT 5	NTPC	500	00:23	27-01-2020	still out	still out	AOH
12.	चंद्रपुर Chandrapur - 5	Maharashtra	500	12:30	30-01-2020	still out	still out	AOH.

Power System Operation Corporation Ltd.



528th OCC Meeting



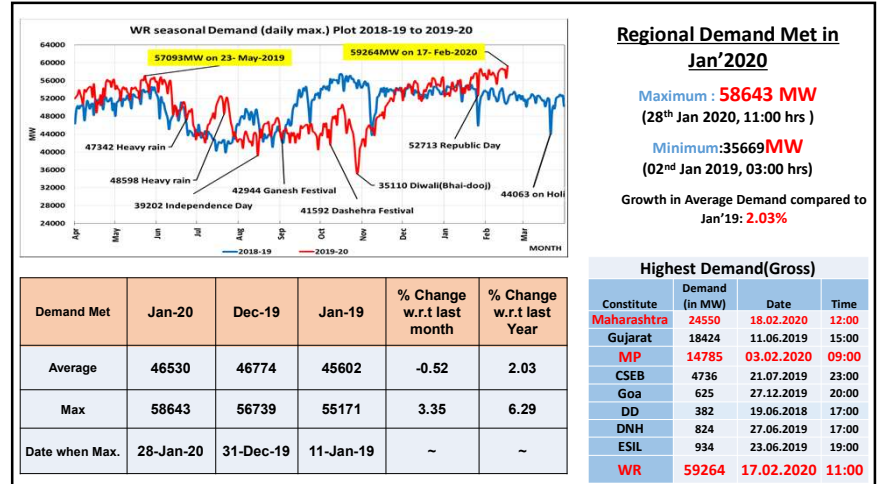
At Mumbai

20th February 2020

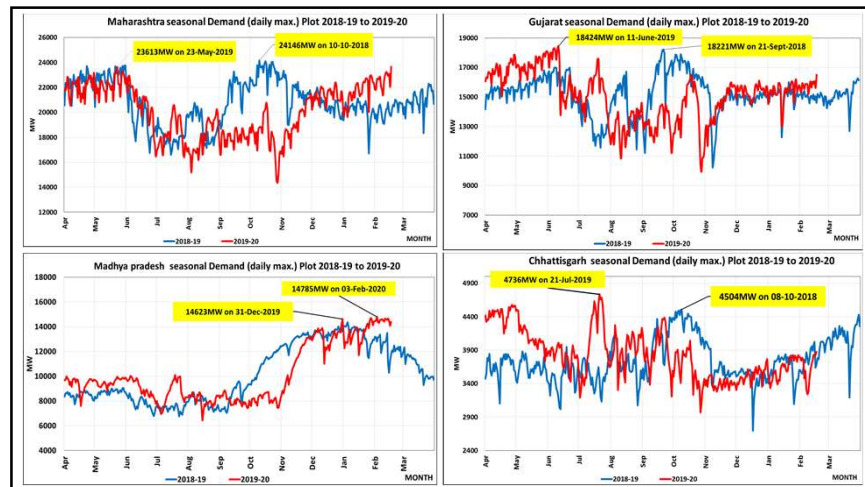
Grid Operation Highlights

WRLDC POSOCO

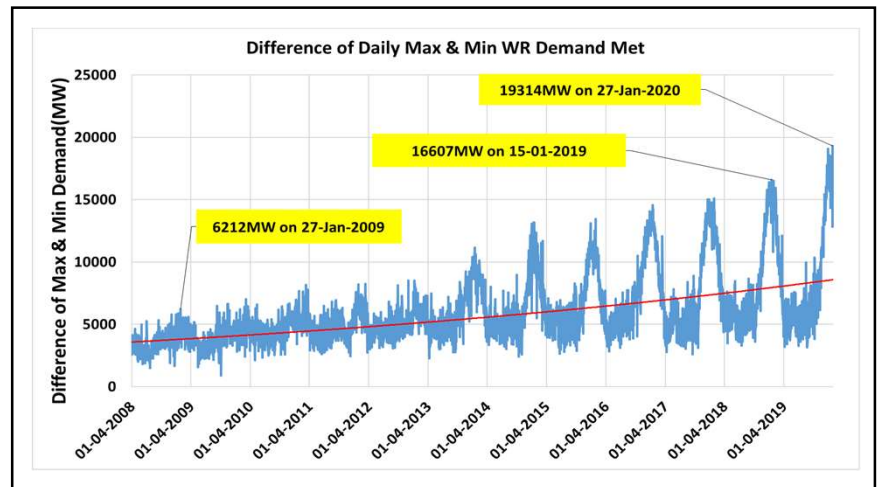
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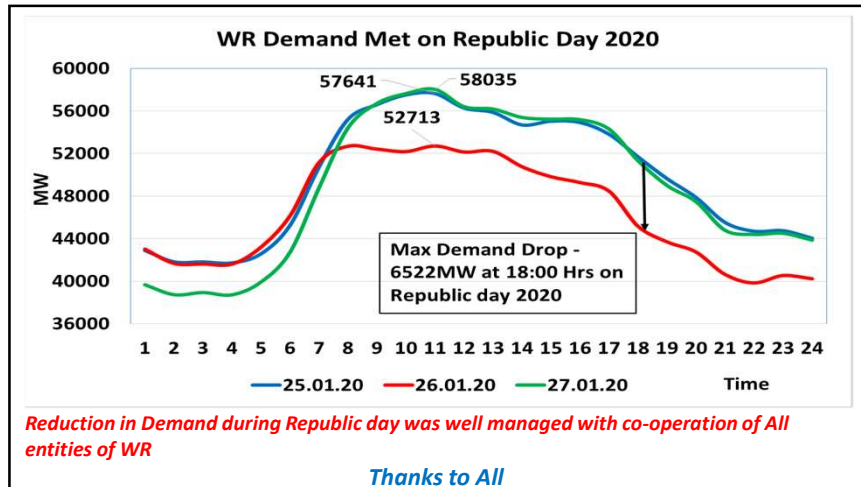
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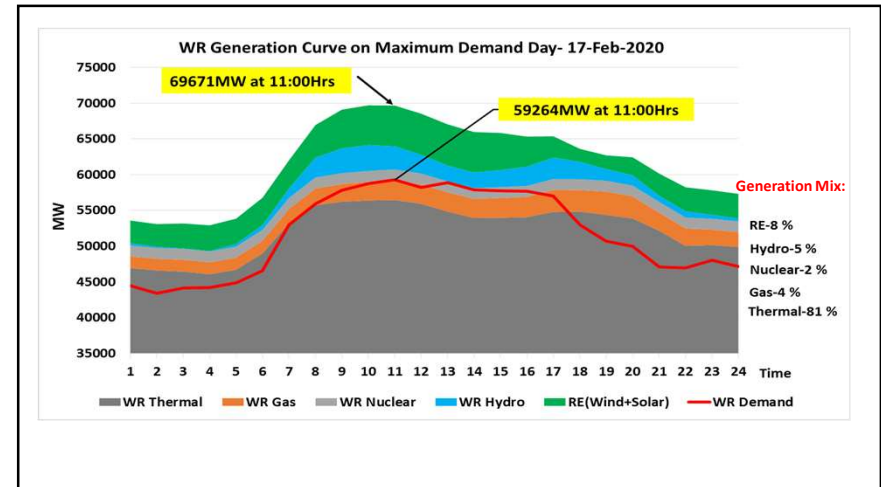
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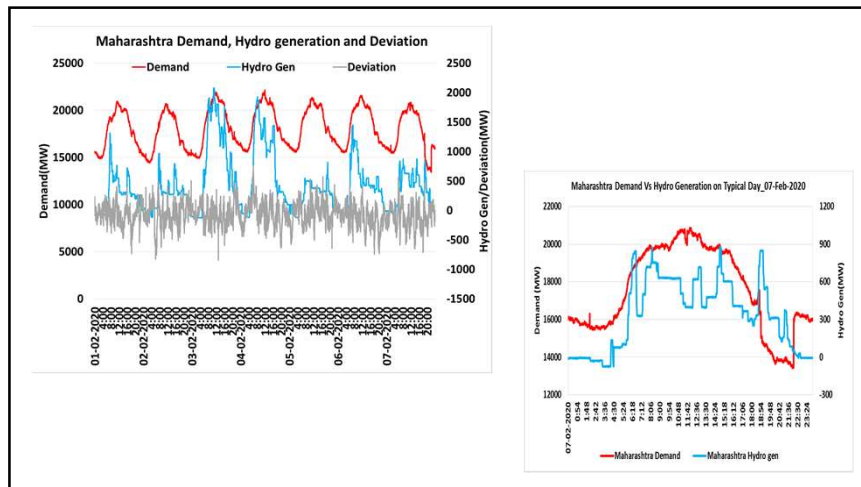
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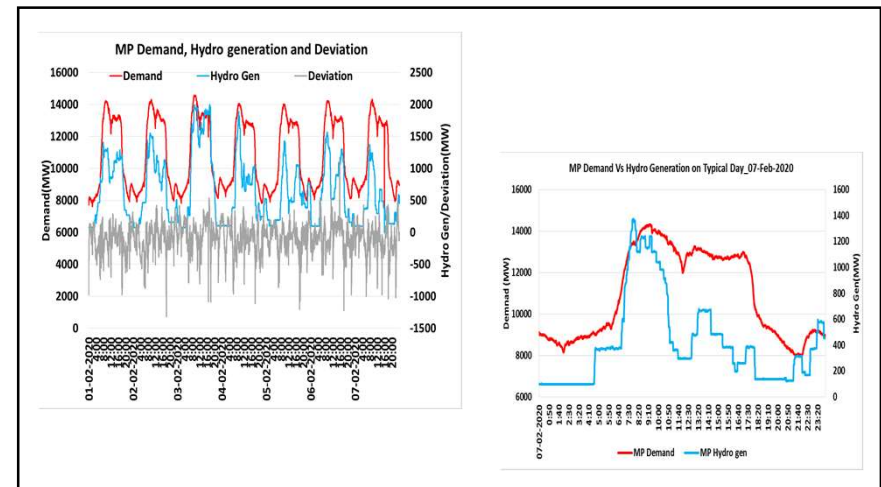
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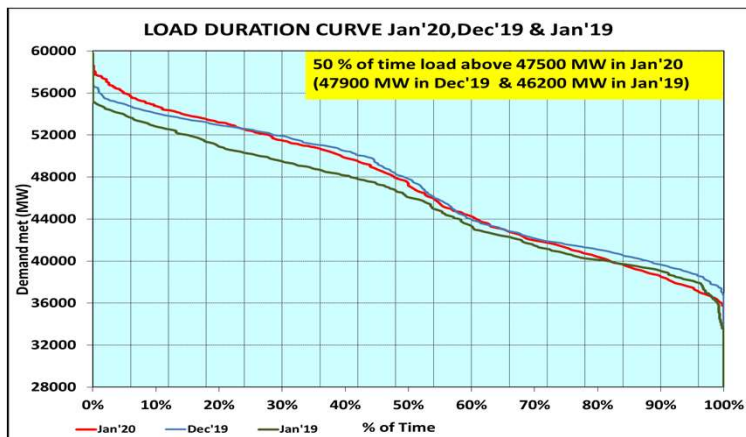
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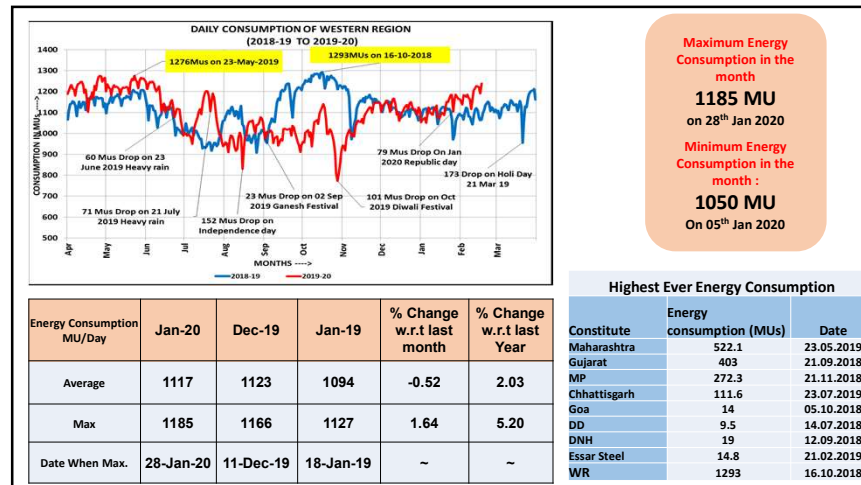
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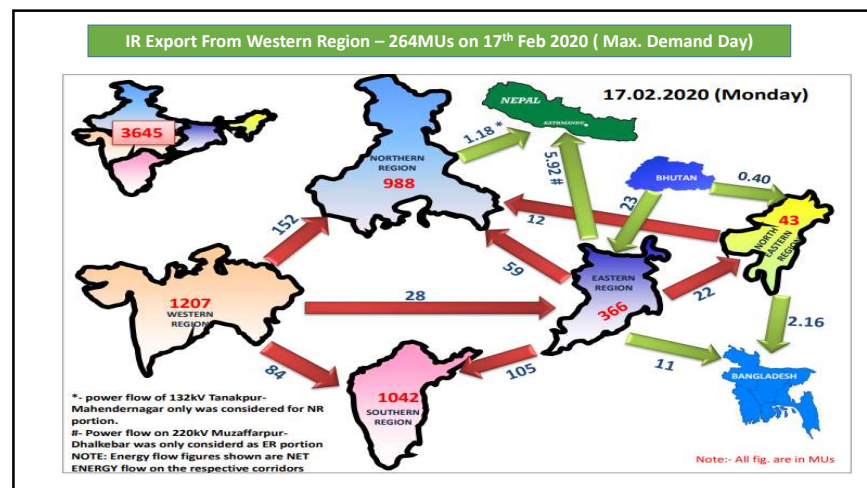
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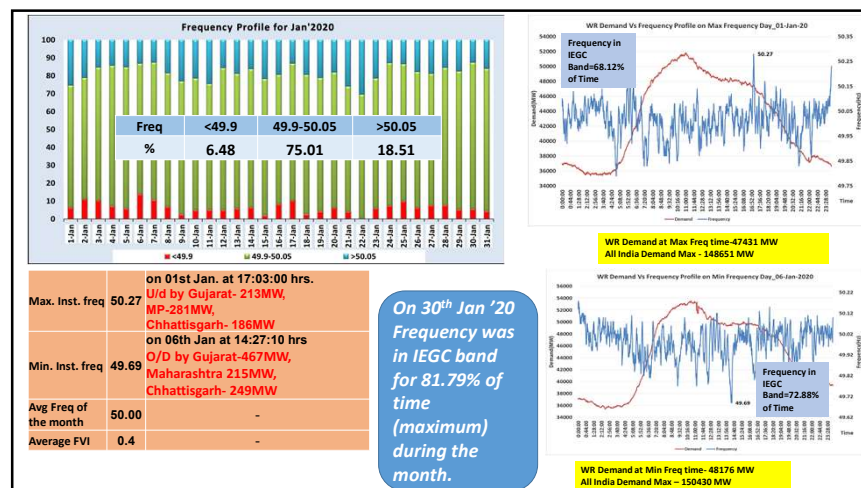
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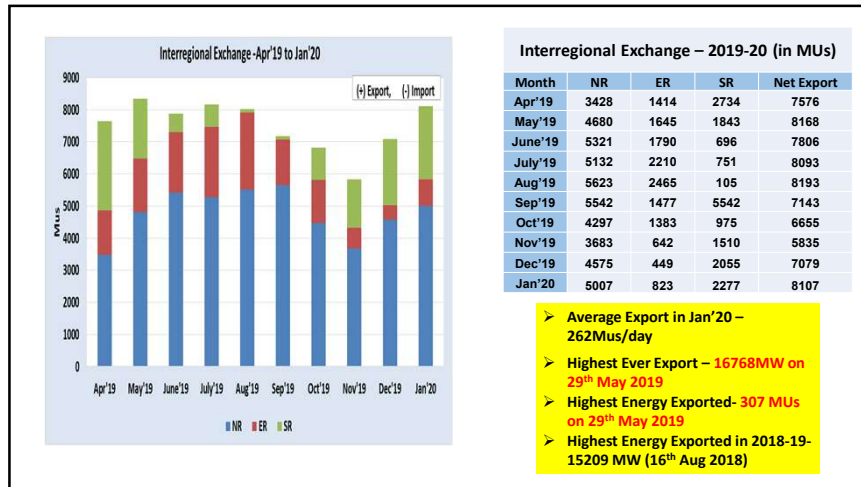
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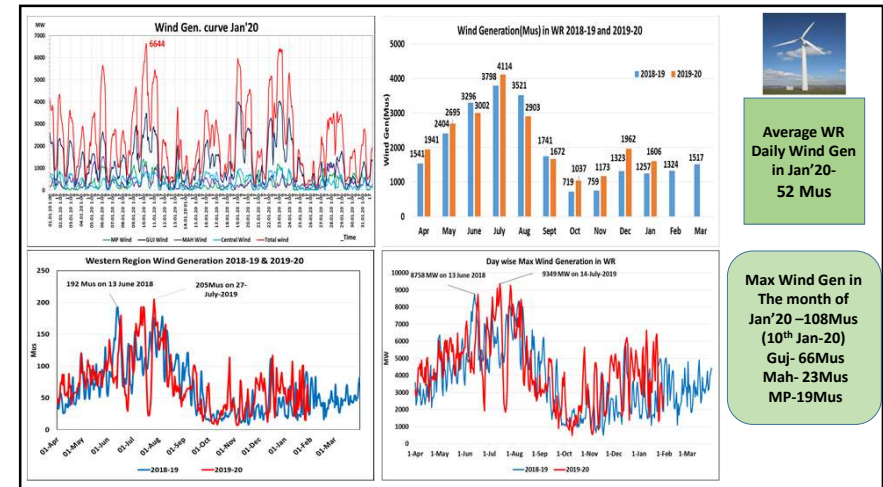
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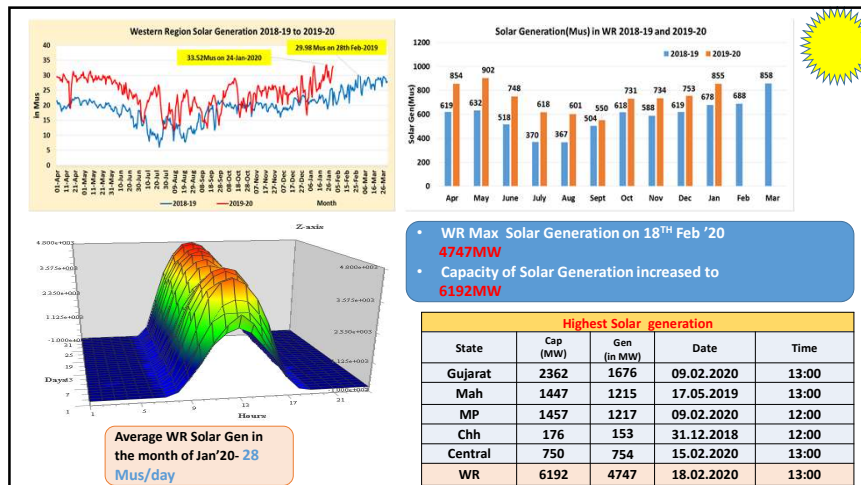
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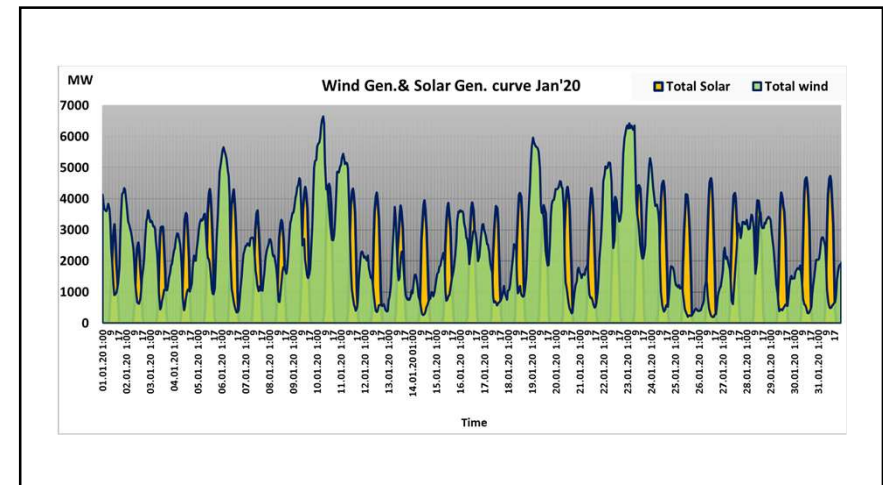
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New Elements Synchronized in January 2020

Generating Capacity Sync -

Sl. No.	Owner/ Location(Const.)	Station Name	Capacity (MW)	Unit No.	Date of Synchronization	Date of COD
1	RUMS/MP	Mahindra(Solar)	235+15	1	06-07-2018	03-01-2020(COD date for Additional 15MW)
2	SECI/Gujarat	GIWEL II(Wind)	180.6+50.4	1	25-06-2019	04-01-2020(date of added capacity of 50.4MW)
3	SECI/Gujarat	GIWEL III(Wind)	176.4+50.4	1	06-07-2019	04-01-2020(date of added capacity of 50.4MW)

Transmission Lines- Nil

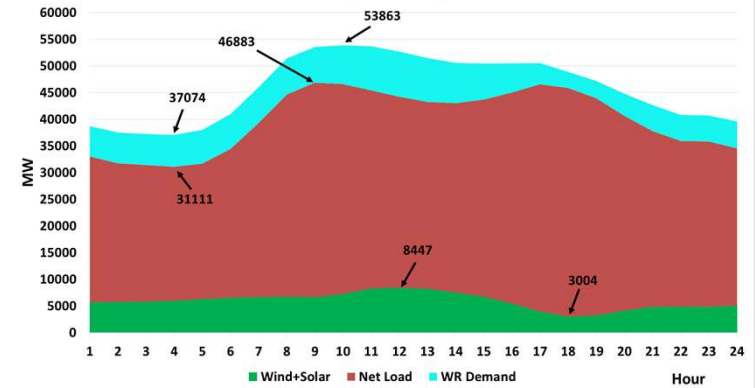
ICTs - Nil

Line Reactor - Nil

Bus Reactor -Nil

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WR Net Load When RES(Wind+Solar) Max on-10-01-2020



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Agenda

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8.4 Inclusion of schedule of Pench Hydro in schedule of Maharashtra in Web based scheduling software of WRLDC Background

From: Kuldip Parbhakar
 To: SE, LDC Cell, Maharashtra; S. Usha; ...
 Cc: ...
 Date: 23 December 2019 17:47:32

Madam,
 In response to trailing mail, it is to intimate that I had clearly informed the Committee that Pench machines are running as per the requirement of water for Maharashtra in the downstream and also during the contingency / grid emergency conditions. The machines are not run regularly to meet the system demand of MP. Thus it is not possible to predict the running of Pench machines on day ahead basis.

For correctness of demand and schedule of MP in SCADA System, 1/3rd generation of Pench is deducted from the Central Sector schedule of MP and excess drawal i.e. 1/3rd share of Maharashtra available by MP is added to the MP demand during the real time of operation, whenever Pench machines are taken on bar.

It is to indicate that in SI DC MP SCADA system, the Pench HPS generation, along with calculated values of Pench Maharashtra and Pench MP Excess drawal as well as Pench MS share is displayed and also transferred through ICCP to WRLDC SCADA system. The same values may be provided to Maharashtra SCADA/EMS system from WRLDC SCADA/EMS system through ICCP. Further, these values may also be transferred to WR web portal from WRLDC SCADA/EMS system.

Further, MP SLDC did not agree for providing scheduling of Pench on day ahead basis in the meeting.

Regards
 CE, MP SLDC.

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WRLDC WBES-PENCH

Net Schedule

Date:20-02-2020

Region:WEST

View:1 Seller

Seller:PENCH

Revision No:89

Show data

Created On:20-02-2020 09:51:22

Remarks:ConsoleApplication

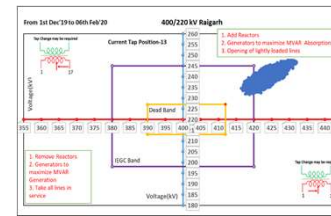
Time Block	Time Desc	PENCH	Grand Total
1	00:00-00:15	0.000000	0.000000
2	00:15-00:30	0.000000	0.000000
3	00:30-00:45	0.000000	0.000000
4	00:45-01:00	0.000000	0.000000
5	01:00-01:15	0.000000	0.000000
6	01:15-01:30	0.000000	0.000000
7	01:30-01:45	0.000000	0.000000
8	01:45-02:00	0.000000	0.000000
9	02:00-02:15	0.000000	0.000000
10	02:15-02:30	0.000000	0.000000
11	02:30-02:45	0.000000	0.000000
12	02:45-03:00	0.000000	0.000000
13	03:00-03:15	0.000000	0.000000
14	03:15-03:30	0.000000	0.000000
15	03:30-03:45	0.000000	0.000000
16	03:45-04:00	0.000000	0.000000
17	04:00-04:15	0.000000	0.000000
18	04:15-04:30	0.000000	0.000000

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9.1. Persistent high voltage at Raigarh S/S

- In Jan'20 VDI of Raigarh

Voltage (in kV)		Voltage (in % of Time)			Voltage Deviation Index (VDI)
Max Voltage	Min Voltage	<380 kV	380 kV-420 kV	>420 kV	
430.5	416.64	0.00	4.38	95.62	0.96



To control high voltage at Raigarh following 765 kV circuits are manually opened on high voltage

- Any two circuits of 765 kV Raipur-PS (Durg)-Wardha Q/C
- Any one circuit of 765 kV Raipur-PS (Durg)-Jharsuguda D/C

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9.1. Persistent high voltage at Raigarh S/S

MVAR Injection during High Voltage Period

- DB Power, REL, JPL U#3, JPL Tamnar, RKM
- KSTPS U#3, Lara U#1

These Generators shall stop injecting Reactive power and start absorbing during High Voltage period.

On 26 Jan 2020, 01:58 Hrs

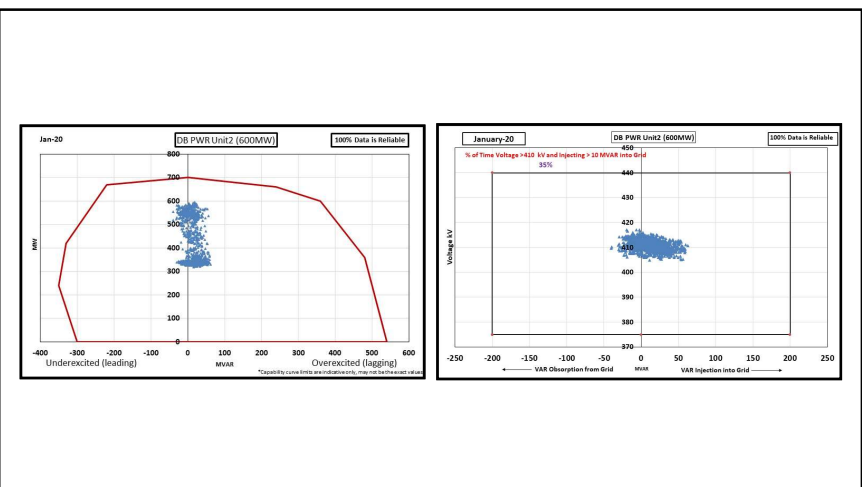
- Four 220 kV circuits tripped at Raigarh station on high voltage

S.No	Element	Date	Time	Reason
1	220 kV Raigarh-Budhipadar	26-01-2020	01:58	Tripped from Raigarh PG end on High voltage
2	220 kV Raigarh-CG-Raigarh-1	26-01-2020	01:58	Tripped on over voltage
3	220 kV Raigarh-CG-Raigarh-2	26-01-2020	01:58	Tripped on over voltage
4	220 kV Raigarh-CG-Raigarh-3	26-01-2020	01:58	Tripped on over voltage

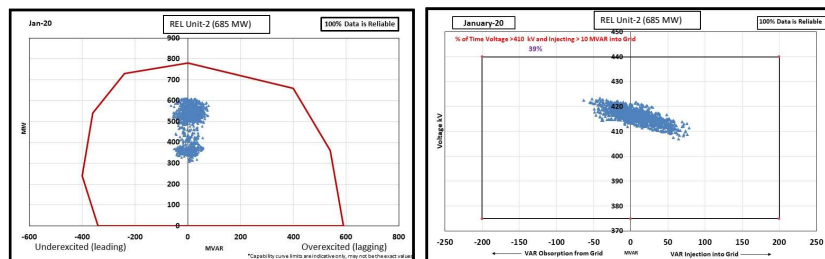
SLDC Chhattisgarh may explore

- Feasibility of tap optimisation on 220/132 kV ICTs of Raigarh S/S
- Planning bus reactors at 220 kV Raigarh

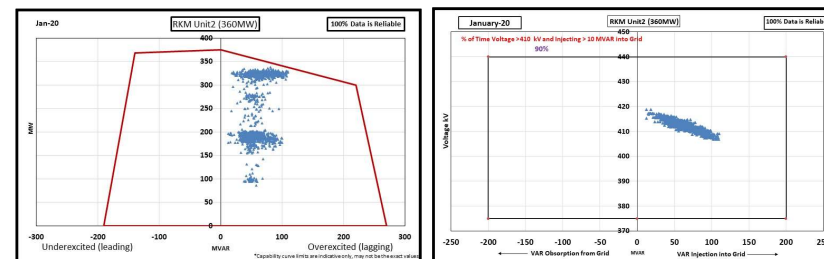
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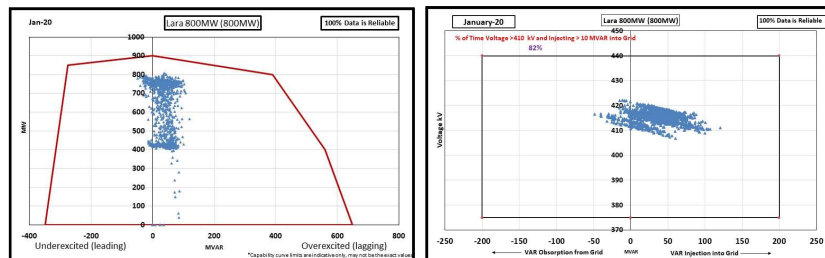
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9.2. Phasor Measurement Units (PMU) on HVDC and FACTS

- Presence of PMUs on HVDC and FACTS Devices in WR is still low
- Commissioning of PMUs at WR STATCOMs discussed in 505-510, 514, 518-521 OCC and PRM meetings

S.No	Station	HVDC/STATCOM	Ownership	PMU Installed in Substation (Y/N)	PMU Data of HVDC/STATCOM Reporting to WRLDC (Y/N)
1	Mundra	HVDC	ATL	No	No
2	Raigarh (Pole-I & II)	HVDC	PGCIL	Yes	No
3	Aurangabad	STATCOM	PGCIL	Yes	No
4	Gwalior	STATCOM	PGCIL	Yes	No
5	Satna	STATCOM	PGCIL	Yes	No
6	Solapur	STATCOM	PGCIL	Yes	No

- List of 765 kV transmission lines in WR not having PMUs on either end

S.No	Transmission Element	Ownership
1	765 kV Akola(2)-Ektuni (Aurangabad(3))-2	MEGPTCL
2	765 kV Akola(2)-Ektuni (Aurangabad(3))-1	MEGPTCL
3	765 kV Banaskantha-Chittorgarh-1	PGCIL
4	765 kV Banaskantha-Chittorgarh-2	PGCIL
5	765 kV Bhuj-PS-Banaskantha-1	PGCIL
6	765 kV Bhuj-PS-Banaskantha-2	PGCIL
7	765 kV Champa -Dharamjygarh-2	CWRTL
8	765 kV Jabalpur (PS)-Gadarwara-2	PWTL

Provision of PMUs at all HVDC stations of WR

S.No	Transmission Element	Ownership
9	765 kV Jabalpur-PS-Gadarwara-1	PWTL
10	765 kV Jabalpur-PS-Orai-1	WRTS-2/NRTS-2
11	765 kV Jabalpur-PS-Orai-2	WRTS-2/NRTS-2
12	765 kV Koradi(III)-Akola(2)-1	MEGPTCL
13	765 kV Koradi(III)-Akola(2)-2	MEGPTCL
14	765 kV Raigarh-PS(Kotra)-Champa -2	CWRTL-Adani
15	765 kV Sasan-Vindhyachal-PS-2	CWRTL
16	765 kV Tiroda-Koradi(III)-1	MEGPTCL
17	765 kV Tiroda-Koradi(III)-2	MEGPTCL

Status of commissioning of PMUs on STATCOM

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9.2. Phasor Measurement Units (PMU) on HVDC and FACTS

- The approach adopted for deployment of PMU and PDC at State and Central sector stations and transmission lines in a unified manner was as under:

Approach on PMU Placement

- All 400 kV stations in State and ISTS grids
- All generating stations at 220 kV and above
- HVDC terminals and inter-regional and inter-national tie lines
- Both ends of all the transmission lines at 400kV and above: State and ISTS sector

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9.4. Non-Intimation of Planned Outages of Exempted Important Elements by Maharashtra and Madhya Pradesh SLDCs

498th OCCM: To review WR important grid elements by WRLDC in coordination with SLDCs

Few elements are exempted from WR important grid elements subjected to following

- SLDCs to take responsibility of reviewing the reliability and ensure grid security and shall inform WRLDC before taking outage.....
- Concerned SLDC shall prepare 'N-1' contingency plan and review reliability and submit that the system is safe under n-1 contingency prior to availing the shutdown.....
- All long outages more than two days shall be taken up as per outage procedure agreed in OCCM or shall be approved in OCCM forum.....
- Maharashtra and Madhya Pradesh SLDCs were not adhering to above guidelines
- Outages facilitated by SLDCs without prior intimation to WRLDC
- N-1 contingency plan for outages facilitated by SLDCs was not sent to WRLDC

Reasons for non-intimation of outages of exempted important elements
Intimation of outages and submission of n-1 contingency plan for outages to WRLDC now onwards

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9.3. Tripping at 400 kV Chandrapur GCR on 18 Jan 20

- 18 Jan 20, 12:36 Hrs
- All connected elements at Chandrapur tripped due to Bus-bar protection operation
- Generation loss ~1100 MW
- Drop in frequency: 49.96 Hz to 49.88 Hz

Maharashtra SLDC may apprise OCC

- Line loading constraints in intra state network during tripping
- Reasons for bus bar protection operation
- Actions being taken to avoid such events in future



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9.5. Implementation of Automatic Demand Management Scheme (ADMS) as per IEGC 5.4.2 (d)

- Implementation of Automatic Demand Management Scheme (ADMS) in WR states was discussed in 486th OCC meeting held on 17 Aug 2016.

S.No	State	Logic for ADMS operation	Implementation Status
1	Gujarat	Approximately 30 to 40 MW load relief is envisaged for overdrawing DISCOM when average frequency remains below 49.8 Hz for 10 minutes and state drawl is more than 150 MW and DISCOM over drawl is more than 50 MW	Completed
2	Madhya Pradesh	ADMS system is having separate software module for working out quantum of load shed/restoration for each DISCOM, provision for cyclic rotational load shedding/restoration and configuration of load shed groups and feeders	Completed
3	Maharashtra	-	Sanction order by MoP issued on 22 May 17 under PSDF
4	Chhattisgarh	-	Sanction order by MoP issued on 16 May 17 under PSDF
5	Goa	-	No Information
6	DNH	-	No Information
7	DD	-	No Information

- Status of implementation of ADMS in Maharashtra, Chhattisgarh, Goa, DD and DNH
- Adoption of uniform logic for ADMS operation in all states
- Review of ADMS operation logic in view of IEGC amendments over the years

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9.5. Implementation of Automatic Demand Management Scheme (ADMS) as per IEGC 5.4.2 (d)

As per IEGC 5.4.2 (d)

Quote

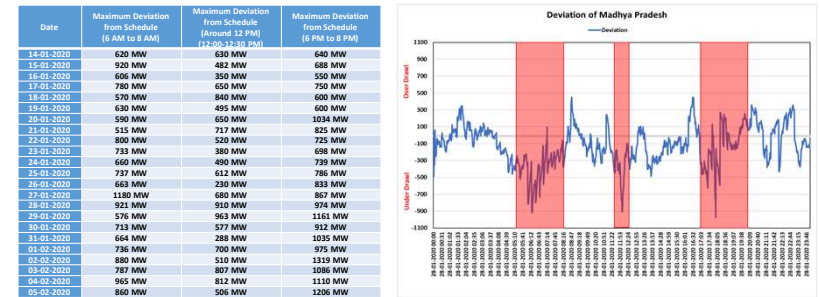
The SLDC through respective State Electricity Boards/Distribution Licensees shall also formulate and implement state-of-the-art demand management schemes for automatic demand management like rotational load shedding, demand response (which may include lower tariff for interruptible loads) etc. before 01.01.2011, to reduce overdrawl in order to comply para 5.4.2 (a) and (b).

Unquote

33

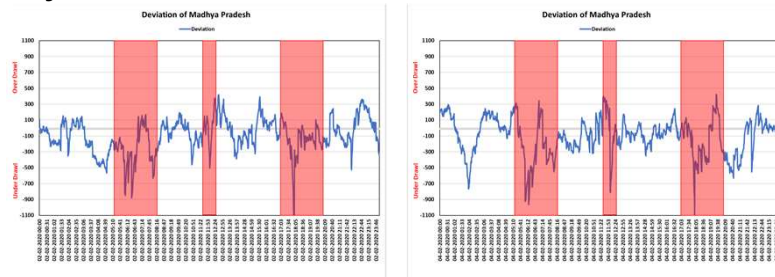
9.6. Follow up Agenda on Deviation from Schedules by Madhya Pradesh

- MP was deviating from schedules between 6-8 Hrs in the morning and 18-20 Hrs in the evening
- In addition to above the deviation was also high, around 12 PM



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9.6. Follow up Agenda on Deviation from Schedules by Madhya Pradesh



MP SLDC may apprise OCC

- Measures being taken to avoid large deviations from schedule
- Actions taken to ensure smooth load staggering and load changeover

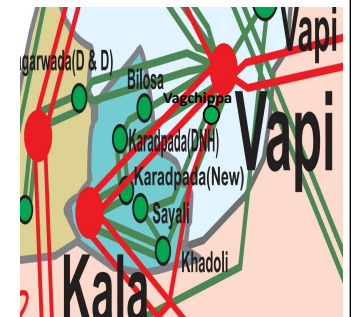
35

9.7. Over loading of 220 kV Kala-Khadoli D/C of DNH

DNH Demand
(1-18 Feb 20)



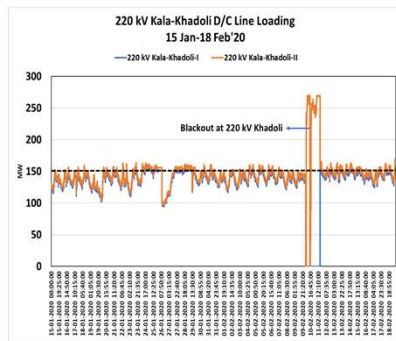
- Demand of DNH is in the range of 700-800 MW.
- Most of the time 220 kV Kala-Khadoli D/C is overloaded and during contingency the system is N-1 non-compliant.



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9.7. Over loading of 220 kV Kala-Khadoli D/C of DNH

- 10th Feb 2020
 - 220 kV Kala-Khadoli-1 was under forced outage.
 - Emergency outage on 220 KV Kala-Khadoli-2
 - 15:23 Hrs, 220 kV Vagchippa-Khadoli and 220 kV Vagchippa-Sayali tripped
 - Blackout at Khadoli station and load loss ~250 MW
- DNH may apprise OCC
 - Actions being taken to relieve line loading on 220 kV Kala-Khadoli D/C-Shifting of load to Vagchippa
 - Reason for tripping of 220 kV Vagchippa-Khadoli and 220 kV Vagchippa-Sayali ckts
 - SCADA data of Khadoli station not reporting to WRLDC



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9.8. Compliance to CEA Regulations by RE Generators

LVRT compliance details received from SLDCs

State/Utility	Type of Generation	Installed Capacity (MW)	Capacity to be LVRT Compliant as per state	LVRT Complied capacity (MW) as obtained from SLDCs	% of LVRT Complied Capacity
Gujarat	Wind	6292	5091	2195	43%
	Solar	2362	Information yet to be received	Information yet to be received	
Maharashtra	Wind	5000	3206	755	24%
	Solar	1447	Information yet to be received	Information yet to be received	
MP	Wind	2519	1435	1020	71%
	Solar	1457	Information yet to be received	Information yet to be received	

Submission of quarterly report by SLDCs to RPC on installation and performance of LVRT on existing WTGs and Solar power plants

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9.8. Compliance to CEA Regulations by RE Generators

HVRT compliance details format to be submitted

Submission of quarterly report by SLDCs to WRPC/WRLDC on installation and performance of LVRT & HVRT on existing WTGs and Solar power plants

Format shall be circulated to SLDCs to WRLDC for compliance

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9.8. Compliance to CEA Regulations by RE Generators

Compliance to CEA regulations (Amendments) by RE generators to be monitored at regional level and state level

CEA Regulation 2019 notified on 6 Feb 2019	Clause
B2	1. The generating station shall be Capable of supplying dynamically varying reactive power support so as to maintain power factor within the limits of 0.95 lagging to 0.95 leading.
	2. The generating units shall be capable of operating in the frequency range of 47.5 Hz to 52 Hz and shall be able to deliver rated output in the frequency range of 49.5 Hz to 50.5 Hz....
	3. The generating station connected to the grid, shall remain connected to the grid when voltage at the interconnection point on any or all phases dips up to the level depicted by the thick lines in the following curve....
	4. The generating stations with installed capacity of more than 10 MW connected at voltage level of 33 kV and above – - shall be equipped with the facility to control active power injection in accordance with a set point, capable of being revised based on directions of the State Load Dispatch Centre or Regional Load Dispatch Centre, as the case may be; shall have governors or frequency controllers of the units at a drop of 3 to 6% and a dead band not exceeding ± 0.03 Hz.... shall have the operating range of the frequency response and regulation system from 10% to 100% of the maximum Alternating Current active power capacity, corresponding to solar insolation or wind speed, as the case may be; - shall be equipped with the facility for controlling the rate of change of power output at a rate not more than $\pm 10\%$ per minute
	5. The generating stations of aggregate capacity of 500 MW and above shall have the provision to receive the signal from the State Load Dispatch Centre or Regional Load Dispatch Centre, as the case may be, for varying active and reactive power output.
	6. The standards in respect of the switchyard associated with the generating stations shall be in accordance with the provisions specified in respect of 'Sub-stations' under Part III of these Standards.
	7. The generating station connected to the grid, shall remain connected to the grid when voltage at the interconnection point, on any or all phases (symmetrical or asymmetrical overvoltage conditions) rises above the specified values given below for specified time..

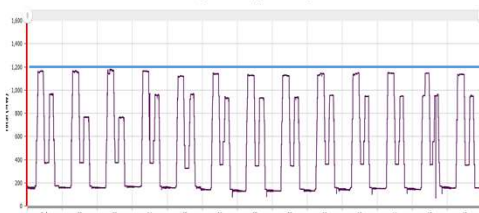
40

9.9. Upgradation of CT Ratio on 400 kV SSP-Asoj S/C to facilitate High loading

Peak generation at SSP~1200 MW

- 1000/1 A CT of 400 kV SSP-Asoj upgraded with 2000/1 A on 17 Feb 20
- 1000/1 A CT of 400 kV SSP-Kasor upgraded with 2000/1 A on 18 Feb 20

Gujarat and NCA to Confirm thermal loading capabilities of 400 kV SSP-Asoj and 400 kV SSP-Kasor



- Status on feasibility study of bypassing 400 kV SSP-Asoj and 400 kV Asoj – Chorania lines at Asoj and making of 400 kV SSP- Chorania : **Gujarat SLDC**
- Status on restoration of 400 kV SSP-Dhule D/C : **Maharashtra SLDC**

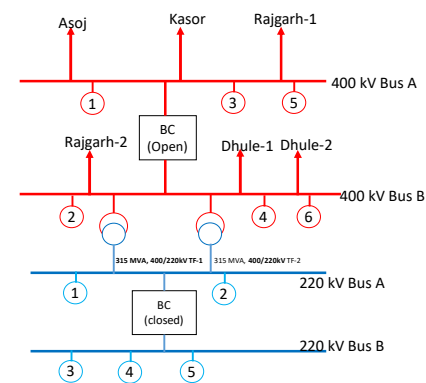
41

MP requesting for Split Bus Operation at SSP to avoid generation restriction

- As per studies
 - 1050 MW Without Bus Split
 - 1120 MW With Bus Split

Conditions for bus splitting: OCC-464-8.3.

- All evacuation lines to be in service
- During spill over period
- When (SSP+CHPH) generation is more than 1000 MW
- When flow on 400 kV SSP-Asoj line exceeds 550 MW
- When the loading on 400/220kV, 500 MVA ICT at Asoj exceeds 350 MW

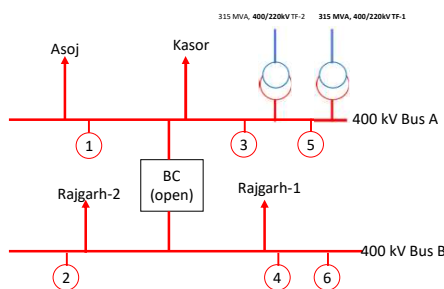


Bus Arrangement for bus splitting at 400kV SSP
8 Sep 19-13 Oct 19

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Observations with this arrangement: (SSP-Dhule D/C out of Service)

- In case of N-1 (any line tripping from any bus), Bus coupler to be closed
- Zone-2,3 protections to be revised (Asoj, Kasor, Rajgarh & SSP) before and after bus split arrangement every in real time
- If generation is uneven on buses, generation to be matched for bus coupler closing

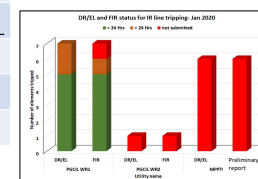
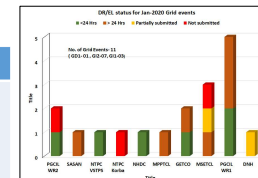


Bus Arrangement for bus splitting at 400kV SSP with present network

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9.10. Status of submission of DR/EL by utilities for the Grid events and Inter Regional line tripping in Jan'20

S.No	Substation name	Event		Remarks
		Date	Time	
1	400 kV Vindhyachal	03-01-2020	05:12	1.Vindhyachal event all DR except for HVDC poles not submitted by PGCIL WR2 2.400 kV KORBA - VSTPS - I DR not submitted by NTPC Korba
2	400 kV Chandrapur	18-01-2020	12:36	500 kV HVDC Chandrapur-Padghe poles DR not submitted by MSETCL
3	220 kV Ranasan	26-01-2020	14:52	220 kV Dehgam-Ranasan DR not submitted by PGCIL WR2
4	400/220 kV Kolhapur(MH)	27-01-2020	13:45	Not submitted by MSETCL
5	220 kV Sayali	29-01-2020	12:12	Sayali end DR not submitted by DNH



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9.11. Updated “Recovery Procedure for Western Regional (WR) Grid – 2020”

Major updates in the WR Grid Recovery Procedure-2020 issued on 31 Jan 2020

Sl. No	Changes in the Document	Remarks / Updates
1	Network changes since Jan'2019	Addition of New Lines / Interconnections/Reactors etc incorporated in relevant chapters of the document. LKLD of 400 kV Seoni-Bhilai at Kimsapur and 765 kV Aurangabad-Phadgaone ckt at Pune has been updated.
2	Start-up Paths for Existing & New Thermal Units Commissioned in 2019	Start-up paths for existing units and newly commissioned units viz. Khargone, Gadawara and Lara have been updated.
3	Start-up Paths for RE pooling stations and RE Generators	Start-up paths for RE pooling stations, Rachua and Bhuj and RE generators viz. Naranpur (Ostro Kutch) - 250 MW, Bhuvad (Renew Power) - 250 MW, Dayapur (INOX wind) - 500 MW, Desalpar (GIWEL-II) - 250 MW, Ratadiya (AGEMPL) - 725 MW and Roha (GIWEL SECI-III) - 300 MW have been added.
4	Shunt Compensation in the start-up path	Shunt compensation available in the form of Line/Bus Reactors for each start-up path has been updated.
5	Learnings and constraints during mock drills & Incorporation	Black Start drills at Kadana, Ukal (H), Kawas, Jhanor / Gandhar, Ghatghar, Bhira, Koyana I & II, Tons, Bargi, Rajghat, Madhikheda, Hasdeo Bango & testing of WRLDC Back-up Control Center incorporated in relevant chapters/ Annexures.
6	Traction Supply Arrangement for Indian Railways	Updated based on data from Central, Western Railways and South Eastern Central Railway.
7	Sub-station wise shunt compensation details	Annex-VII has been updated where in sub-station wise total shunt compensation availability as on date is given for ready reference.
8	Activities of Crisis Management Task Force	Reorganization of an Internal Crisis Management Task force at WRLDC has been updated.
9	Updated Power Map of WR Grid	Updated Power Map of WR is provided as the last Annexure for ready reference.

• Updated Black start recovery guidelines for Tata Power Mumbai system was received. Will be amended in the document in WR Recovery Procedure.

The document is available in WRLDC website

https://www.wrlcdc.in/content/3631_Procedures.aspx

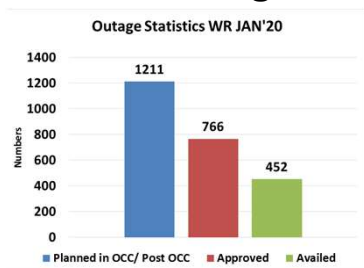
Utilities interested in document may write a mail to wrlcdcso@posoco.in for password and access.

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Outage Analysis for JAN'20 Calendar Month

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WR outage Statistics JAN'2020



Total Outages- OCC-526 : 1117
Post OCC: 94

Aailed Vs Proposed 37%

Aailed Vs Approved 59%

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WR outage Statistics JAN'2020

Name of Constituent	Planned in OCC	Approved	Aailed	Aailed VS Planned	Aailed Vs Approved
PGCIL WR-1	356	212	145	41%	68%
PGCIL WR-2	382	227	155	41%	68%
Maharashtra	109	42	20	18%	48%
Gujarat	92	41	27	29%	66%
Madhya Pradesh	65	56	16	25%	29%
Chhattisgarh	7	5	4	57%	80%
NTPC	27	24	12	44%	50%
Other Utilites	173	159	73	42%	46%
Western Region	1211	766	452	37%	59%

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Annexure 2.9

Sl. No.	Owner/ Location(Const.)	Station Name	Capacity (MW)	Unit No.	Date of Synchronization	Date of COD
1	RUMS/MP	Mahindra(Solar)	235+15	1	7/6/2018	03-01-2020(COD date for Additional 15MW)
2	SECI/Gujarat	GIWEL II(Wind)	180.6+50.4	1	6/25/2019	04-01-2020(date of added capacity of 50.4MW)
3	SECI/Gujarat	GIWEL III(Wind)	176.4+50.4	1	7/6/2019	04-01-2020(date of added capacity of 50.4MW)

Sl. No.	Owner/ Location(Const.)	Line Name	Ckt No.	KV	Date of Synchronization	Added Line Length (in Km)
NIL						
					Total	

Sl. No.	Owner/ Location(Const.)	Station Name	ICT No	KV Ratio	Capacity (MVA)	Date
Nil						

Sl. No.	Owner/ Location(Const.)	Station Name	Line Name	KV	Capacity (MVAR)	Date
NIL						

Sl. No.	Owner/ Location(Const.)	Station Name	B/R No	KV	Capacity (MVAR)	Date
NIL						

Sl. No.	Owner/ Location(Const.)	Station Name	Element	KV	Capacity (MVA/MVAR)	Date
NIL						

Sl. No.	Owner/ Location(Const.)	Station Name	Element	No	KV	Capacity (MVAR)	Date
NIL							

CENTRAL ELECTRICITY AUTHORITY
FUEL MANAGEMENT DIVISION
DAILY COAL STOCK REPORT
COAL STOCK POSITION FOR COAL LINKAGE BASED THERMAL POWER STATIONS IN THE COUNTRY

Annexure 2.11

Region/State	Mode of Transport	Name of Thermal Power Station	Sector	Capacity (MW)	PLF % (Jan, 2020)	PLF % (Apr,19-Jan,20)	Normative Stock Req'd. (Days)	Requirement for the day (In '000 Tonnes')	Actual Stock				Critical(*)/Super Critical(**) as per Trigger level & other conditions	Reasons for critical coal stock/Remarks
									In '000 Tonnes'			In Days		
									Indigenous	Import	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Northern														
Haryana														
1	RAIL	INDIRA GANDHI STPP	JV	1500	19.9	29.0	25	12.99	704.77	150.19	854.96	66		
2	RAIL	MAHATMA GANDHI TPS	P	1320	68.3	51.6	25	14.05	328.27	0	328.27	23		
3	RAIL	PANIPAT TPS	S	920	12.7	26.3	25	8.06	316.75	0	316.75	39		
4	RAIL	RAJIV GANDHI TPS	S	1200	31.8	23.8	25	10.88	484.95	0	484.95	45		
5	RAIL	YAMUNA NAGAR TPS	S	600	45.0	56.6	25	5.27	247.48	0	247.48	47		
Punjab														
6	RAIL	GH TPS (LEH.MOH.)	S	920	5.8	13.6	30	7.41	287.18	0	287.18	39		
7	RAIL	GOINDWAL SAHIB TPP	P	540	16.6	33.1	30	4.88	243.7	0	243.7	50		
8	RAIL	RAJPURA TPP	P	1400	59.3	78.1	30	9.55	272.6	55.96	328.56	34		
9	RAIL	ROPAR TPS	S	840	6.3	17.0	25	7.42	295.37	0	295.37	40		
10	RAIL	TALWANDI SABO TPP	P	1980	40.0	56.9	25	17.8	504.97	28.5	533.47	30		
Rajasthan														
11	RAIL	CHHABRA TPP	S	2320	70.4	66.4	30	15.01	77.14	0	77.14	5		Total coal stock (Linkage + Captive) available with the plant as on 31.12.2019 is 1,47,800 Tonnes.
12	RAIL	KAWAI TPS	P	1320	80.5	70.6	30	19.44	15.98	4.11	20.09	1		CIL Supply 110 % of prorata ACQ.
13	RAIL	KOTA TPS	S	1240	61.7	61.9	30	17.94	198.26	0	198.26	11		
14	RAIL	SURATGARH TPS	S	1500	31.5	37.9	30	12.2	273.17	0	273.17	22		
Uttar Pradesh														
15	PITHEAD	ANPARA C TPS	P	1200	78.4	75.6	15	12.29	274.82	0	274.82	22		
16	PITHEAD	ANPARA TPS	S	2630	60.2	77.5	15	23.61	601.12	0	601.12	25		
17	RAIL	BARKHERA TPS	P	90	1.6	13.7	25	0.91	8.26	0	8.26	9		
18	RAIL	DADRI (NCTPP)	C	1820	36.4	43.1	30	15.88	823.58	14.18	837.76	53		
19	RAIL	HARDUAGANJ TPS	S	605	60.5	63.8	25	5.29	194	0	194	37		
20	RAIL	KHAMBARKHERA TPS	P	90	0.0	12.1	30	0.92	4.15	0	4.15	5		CIL Supply 81 % of prorata ACQ.
21	RAIL	KUNDARKI TPS	P	90	6.8	18.9	30	0.89	8.96	0	8.96	10		
22	RAIL	LALITPUR TPS	P	1980	19.9	47.7	30	15.92	151.32	0	151.32	10		
23	RAIL	MAQSODPUR TPS	P	90	2.7	15.4	30	0.89	7.83	0	7.83	9		
24	RAIL	MEJA STPP	JV	660	0.0	21.7	25	5.66	319.78	0	319.78	56		
25	RAIL	OBRA TPS	S	1094	26.5	37.8	20	10.99	390.33	0	390.33	36		
26	RAIL	PARICHHA TPS	S	1140	38.5	41.9	30	10.13	154.28	0	154.28	15		
27	RAIL	PRAYAGRAJ TPP	P	1980	47.6	51.2	25	16.62	600.3	0	600.3	36		
28	PITHEAD	RIHAND STPS	C	3000	96.1	87.0	15	41.95	670.05	0	670.05	16		
29	RAIL	ROSA TPP Ph-I	P	1200	62.4	60.1	25	10.78	636.26	0	636.26	59		
30	PITHEAD	SINGRAULI STPS	C	2000	91.5	87.5	15	25.61	420.02	0	420.02	16		
31	RAIL	TANDA TPS	C	1100	75.3	64.1	25	15.02	429.88	0	429.88	29		
32	RAIL	UNCHAHAH TPS	C	1550	62.6	64.6	25	13.59	356.25	0	356.25	26		
33	RAIL	UTRAULA TPS	P	90	4.3	18.1	30	0.89	8.85	0	8.85	10		
Total of Northern Region					40009		24	390.74	10310.63	252.94	10563.57	27	0	

Region/State	Mode of Transport	Name of Thermal Power Station	Sector	Capacity (MW)	PLF % (Jan, 2020)	PLF % (Apr,19-Jan,20)	Normative Stock Req'd. (Days)	Requirement for the day (In '000 Tonnes')	Actual Stock				Critical(*)/Super Critical(**) as per Trigger level & other conditions	Reasons for critical coal stock/Remarks
									In '000 Tonnes'			In Days		
									Indigenous	Import	Total			
Western														
Chhatisgarh														
34	RAIL	AKALTARA TPS	P	1800	77.1	64.6	15	18.11	209.36	0	209.36	12		
35	RAIL	BALCO TPS	P	600	67.3	68.5	15	5.62	39.78	33.65	73.43	10		
36	ROAD	BANDAKHAR TPP	P	300	92.1	76.9	15	4.76	43.77	6.12	49.89	10		
37	RAIL	BARADARHA TPS	P	1200	67.9	59.1	15	14.4	238.73	0	238.73	17		
38	RAIL	BHILAI TPS	JV	500	57.8	65.6	20	3.95	365.13	0	365.13	92		
39	RAIL	BINJKOTE TPP	P	600	27.9	52.2	20	5.15	70.26	0	70.26	14		
40	RAIL	DSPM TPS	S	500	86.4	86.9	15	7.45	81.87	0	81.87	11		
41	PITHEAD	KORBA-III	S	240	68.5	63.1	15	3.6	27.61	0	27.61	8		
42	PITHEAD	KORBA STPS	C	2600	94.0	86.6	15	33.16	476.01	0	476.01	14		
43	PITHEAD	KORBA-WEST TPS	S	1340	72.3	75.9	15	12.48	197.97	0	197.97	16		
44	RAIL	LARA TPP	C	800	79.8	62.5	15	8.45	121.34	0	121.34	14		
45	RAIL	MARWA TPS	S	1000	39.9	51.0	15	8.59	147.72	0	147.72	17		
46	RAIL	NAWAPARA TPP	P	600	42.4	41.9	15	6.37	2.81	0	2.81	0		CIL Supply 81 % of prorata ACQ.
47	RAIL	PATHADI TPP	P	600	65.4	64.9	15	7.23	13.18	0	13.18	2	**	CIL Supply 70 % of prorata ACQ.
48	PITHEAD	SIPAT STPS	C	2980	95.6	83.9	15	45.16	149.16	17.38	166.54	4		CIL supply to NTPC 92% of prorata ACQ
49	RAIL	TAMNAR TPP	P	2400	36.2	33.2	20	24.33	11.4	1.46	12.86	1		CIL Supply 78% of prorata ACQ.
50	RAIL	UCHPINDA TPP	P	1440	20.9	18.6	15	12.36	31.09	0	31.09	3	**	CIL Supply 72 % of prorata ACQ.
Gujarat														
51	RAIL	GANDHI NAGAR TPS	S	630	36.4	31.5	30	5.54	92.26	0	92.26	17		
52	RAIL	SABARMATI (D-F STATIONS)	P	362	44.0	76.3	30	3.11	48.48	80.78	129.26	22		
53	RAIL	UKAI TPS	S	1110	71.9	60.0	30	11.52	452.92	0	452.92	39		
54	RAIL	WANAKBORI TPS	S	2270	37.1	35.9	30	19.75	889.94	0	889.94	45		
Madhya Pradesh														
55	PITHEAD	AMARKANTAK EXT TPS	S	210	94.8	91.2	15	2.71	80.48	0	80.48	30		
56	RAIL	ANUPPUR TPP	P	1200	63.5	62.0	25	14.71	62	11	73	5	*	CIL Supply 70% of prorata ACQ.
57	RAIL	BINA TPS	P	500	43.0	59.6	25	5.32	123.41	0	123.41	23		
58	RAIL	GADARWARA TPP	C	800	32.3	13.5	20	8.11	195.94	0	195.94	24		
59	RAIL	SANJAY GANDHI TPS	S	1340	67.6	53.9	20	18.03	133.02	0	133.02	7		
60	RAIL	SATPURA TPS	S	1330	60.7	42.2	20	18.16	297.81	0	297.81	16		
61	RAIL	SEIONI TPP	P	600	59.2	52.4	20	7.37	114.35	0	114.35	16		
62	RAIL	SHREE SINGAJI TPP	S	2520	55.4	37.1	20	32.72	327.65	0	327.65	10		
63	PITHEAD	VINDHYACHAL STPS	C	4760	88.5	85.8	15	74.37	949.52	0	949.52	13		
Maharashtra														
64	RAIL	AMARAVATI TPS	P	1350	1.0	28.9	20	10.6	679.49	0	679.49	64		
65	RAIL	BHUSAWAL TPS	S	1210	0.0	51.1	20	12.31	394.65	19.97	414.62	34		
66	RAIL	BUTIBORI TPP	P	600	0.0	0.0	20	4.95	59.73	0	59.73	12		
67	RAIL	CHANDRAPUR(MAHARASHTRA) STPS	S	2920	70.5	61.8	20	34.33	608.26	78.2	686.46	20		
68	RAIL	DAHANU TPS	P	500	50.7	75.7	25	5.27	246.59	246.41	493	67		
69	RAIL	DHARIWAL TPP	P	600	80.3	61.8	20	7.91	83.99	0	83.99	11		
70	RAIL	GMR WARORA TPS	P	600	67.3	77.5	20	8.1	70.76	0	70.76	9		
71	RAIL	KHAPARKHEDA TPS	S	1340	66.6	58.9	25	22.14	372.65	43.12	415.77	19		
72	RAIL	KORADI TPS	S	2400	55.0	43.0	25	23.28	486.88	25.42	512.3	22		
73	RAIL	MAUDA TPS	C	2320	50.9	50.4	20	24.94	855.39	43.7	899.09	36		
74	RAIL	NASIK TPS	S	630	26.7	46.3	25	6.59	225.24	0	225.24	34		
75	RAIL	PARAS TPS	S	500	83.0	59.8	25	5.8	300.91	0	300.91	52		
76	RAIL	PARLI TPS	S	750	37.6	20.6	25	12.15	158.36	0	158.36	13		
77	RAIL	SOLAPUR	C	1320	0.0	7.3	25	11.33	500.19	189.45	689.64	61		
78	RAIL	TIRORA TPS	P	3300	90.0	79.1	20	42.92	12.95	33.24	46.19	0		CIL Supply 82 % of prorata ACQ.
79	ROAD	WARDHA WARORA TPP	P	540	0.0	0.0	20	5.21	40.64	0	40.64	8		
Total of Western Region				58012			20	680.42	11091.65	829.9	11921.55	18	3	

Region/State	Mode of Transport	Name of Thermal Power Station	Sector	Capacity (MW)	PLF % (Jan, 2020)	PLF % (Apr,19-Jan,20)	Normative Stock Req'd. (Days)	Requirement for the day (In '000 Tonnes')	Actual Stock				Critical(*)/Super Critical(**) as per Trigger level & other conditions	Reasons for critical coal stock/Remarks
									In '000 Tonnes'			In Days		
									Indigenous	Import	Total			
Southern														
Andhra Pradesh														
80	RAIL	DAMODARAM SANJEEVAIAH TPS	S	1600	61.3	53.3	20	12.48	75.11	0	75.11	6		CIL Supply 133 % of prorata ACQ.
81	RAIL	Dr. N.TATA RAO TPS	S	1760	75.9	71.1	20	28.77	553.36	0	553.36	19		
82	RAIL	PAINAMPURAM TPP	P	1320	92.4	87.9	20	17.49	37.85	114.98	152.83	3		CIL Supply 78 % of prorata ACQ.
83	RAIL	RAYALASEEMA TPS	S	1650	33.3	46.1	25	18.6	446.33	0	446.33	24		
84	RAIL	SIMHADRI	C	2000	68.0	59.3	25	19.38	628.53	0	628.53	32		
85	RAIL	VIZAG TPP	P	1040	36.3	33.0	25	10.8	23.57	0	23.57	2		Coal Supply as per court order dated 27.02.2019.
Karnataka														
86	RAIL	BELLARY TPS	S	1700	49.2	26.3	30	13.73	316.19	0	316.19	23		
87	RAIL	KUDGI STPP	C	2400	18.1	15.2	30	18.69	468	52.82	520.82	28		
88	RAIL	RAICHUR TPS	S	1720	75.8	54.7	30	19.2	0	0	0	0		Plant regulating coal supply
89	RAIL	YERMARUS TPP	S	1600	0.0	0.0	30	13.66	904.78	0	904.78	66		
Tamil Nadu														
90	INTER MODAL	METTUR TPS	S	840	43.6	62.6	30	10.41	255.58	0.59	256.17	25		
91	INTER MODAL	METTUR TPS - II	S	600	61.1	48.0	30	8.06	110.78	19.95	130.73	16		
92	INTER MODAL	NORTH CHENNAI TPS	S	1830	42.9	55.3	30	26.44	203.34	9.79	213.14	8		
93	INTER MODAL	TUTICORIN (JV) TPP	JV	1000	78.4	51.6	30	12.65	60.53	111.43	171.96	7		
94	INTER MODAL	TUTICORIN TPS	S	1050	50.7	56.8	30	13.01	226.33	0	226.33	17		
95	INTER MODAL	VALLUR TPP	JV	1500	45.6	41.9	30	14.41	198.31	0	198.31	14		
Telangana														
96	PITHEAD	KAKATIYA TPS	S	1100	89.8	75.2	15	10.96	183.28	0	183.28	17		
97	RAIL	KOTHAGUDEM TPS	S	420	70.1	64.6	20	5.88	81.4	0	81.4	14		
98	RAIL	KOTHAGUDEM TPS (NEW)	S	1000	88.0	79.9	20	14.68	375.58	0	375.58	26		
99	RAIL	KOTHAGUDEM TPS (STAGE-7)	S	800	0.0	60.6	20	6.29	203.71	0	203.71	32		
100	PITHEAD	RAMAGUNDEM STPS	C	2600	80.5	75.2	15	27.15	713	0	713	26		
101	RAIL	SINGARENI TPP	S	1200	90.5	85.8	15	18.6	155.46	0	155.46	8		
Total of Southern Region				30730			25	341.34	6221.02	309.56	6530.59	19	0	
Eastern														
Bihar														
102	RAIL	BARH II	C	1320	39.4	74.9	20	11.27	760.2	0	760.2	67		
103	PITHEAD	KAHALGAON TPS	C	2340	79.1	79.6	15	41.6	171.26	0	171.26	4		CIL supply to NTPC 92% of prorata ACQ
104	RAIL	MUZAFFARPUR TPS	JV	610	50.5	56.5	20	6.44	89.32	0	89.32	14		
105	RAIL	NABINAGAR STPP	JV	660	81.8	75.0	20	8.56	133.19	0	133.19	16		
106	RAIL	NABI NAGAR TPP	JV	750	86.5	72.9	20	10.17	49.23	0	49.23	5		CIL supply to NTPC 92% of prorata ACQ
Jharkhand														
107	RAIL	BOKARO 'B' TPS	C	210	0.0	6.1	20	1.62	34.31	0	34.31	21		
108	RAIL	BOKARO TPS 'A' EXP	C	500	48.6	59.4	20	4.3	170.41	0	170.41	40		
109	RAIL	CHANDRAPURA(DVC) TPS	C	630	68.2	61.7	20	5.93	243.88	0	243.88	41		
110	RAIL	KODARMA TPP	C	1000	83.4	74.3	20	11.87	232.57	0	232.57	20		
111	RAIL	MAHADEV PRASAD STPP	P	540	71.9	62.9	20	4.63	155.77	0	155.77	34		
112	RAIL	MAITHON RB TPP	JV	1050	81.9	70.8	20	12.86	207.28	0	207.28	16		
113	RAIL	TENUGHAT TPS	S	420	68.6	67.2	20	4.05	153.33	0	153.33	38		
Odisha														
114	RAIL	DERANG TPP	P	1200	55.9	46.6	20	17.83	495.45	0.01	495.46	28		
115	PITHEAD	IB VALLEY TPS	S	1740	58.9	56.5	15	20.92	302.07	0	302.07	14		
116	RAIL	KAMALANGA TPS	P	1050	66.0	63.4	20	11.59	73.51	1.46	74.97	6		CIL supply 80% of prorata ACQ
117	PITHEAD	TALCHER (OLD) TPS	C	460	98.0	83.0	15	9.97	71.79	10.34	82.13	8		
118	PITHEAD	TALCHER STPS	C	3000	79.5	71.6	15	40.91	461.59	3.11	464.7	11		

Region/State	Mode of Transport	Name of Thermal Power Station	Sector	Capacity (MW)	PLF % (Jan, 2020)	PLF % (Apr,19-Jan,20)	Normative Stock Req'd. (Days)	Requirement for the day (In '000 Tonnes')	Actual Stock				Critical(*)/Super Critical(**) as per Trigger level & other conditions	Reasons for critical coal stock/Remarks
									In '000 Tonnes'			In Days		
									Indigenous	Import	Total			
West Bengal														
119	RAIL	BAKRESWAR TPS	S	1050	89.2	72.8	20	14.35	178.81	0	178.81	12		
120	RAIL	BANDEL TPS	S	330	9.1	33.2	20	3.21	165.14	0	165.14	51		
121	RAIL	BUDGE BUDGE TPS	P	750	88.4	87.5	20	9.39	238.62	0	238.62	25		
122	RAIL	D.P.L. TPS	S	550	27.0	39.9	25	4.56	58.29	0	58.29	13		
123	RAIL	DURGAPUR STEEL TPS	C	1000	70.1	70.8	20	10.91	387.18	0	387.18	35		
124	RAIL	DURGAPUR TPS	C	210	0.0	22.1	20	2.78	128.61	0	128.61	46		
125	PITHEAD	FARAKKA STPS	C	2100	72.3	70.3	15	27.98	362.22	0	362.22	13		
126	RAIL	HALDIA TPP	P	600	62.5	87.1	20	7.02	95.09	0	95.09	14		
127	RAIL	KOLAGHAT TPS	S	1260	13.1	28.5	25	13.12	121.81	0	121.81	9		
128	RAIL	MEJIA TPS	C	2340	67.3	61.5	20	23.68	538.73	0	538.73	23		
129	RAIL	RAGHUNATHPUR TPP	C	1200	38.6	50.2	15	9.88	386.04	0	386.04	39		
130	RAIL	SAGARDIGHI TPS	S	1600	57.6	47.6	20	13.05	30.12	0	30.12	2		CIL supply to WBPDCL is 85% of prorata ACQ
131	RAIL	SANTALDIH TPS	S	500	78.3	81.0	20	8.47	45.35	0	45.35	5		CIL supply to WBPDCL is 85% of prorata ACQ
132	RAIL	SOUTHERN REPL. TPS	P	135	11.0	34.2	20	1.24	24.22	0	24.22	20		
133	RAIL	TITAGARH TPS	P	240	0.0	0.0	20	2.06	14.02	0	14.02	7		
Total of Eastern Region				31345			19	376.22	6579.41	14.92	6594.33	18	0	
North Eastern														
Assam														
134	RAIL	BONGAIGAON TPP	C	750	67.8	59.9	20	6.05	263.25	0	263.25	44		
Total of North Eastern Region				750			20	6.05	263.25	0	263.25	44	0	
Region-wise/All India total				160846			22	1794.77	34465.96	1407.32	35873.29	20	3	

As per trigger level and other conditions	
Pithead Plants	
(*) No. of plants with Critical Stock (<5 Days)	0
(**) No. of plants with Super Critical Stock (<3 Days)	0
Non-Pithead	
(*) No. of plants with Critical Stock (<7 Days)	1
(**) No. of plants with Super Critical Stock (<4 Days)	2
Total	3

Mode	No. of Plants	Capacity (MW)	Daily Req ('000 T)	Total Stock ('000 T)	Total Stock (in Days)
Pithead	17	34300	454.4	6142.8	14
Non-Pithead	117	126546	1340.3	29730.5	22
TOTAL	134	160846	1794.8	35873.3	20

Stock in Days (Critical/Super Critical)	Number of Plants
0 day	3
1 day	2
2 days	3
3 days	2
4 days	2
5 days	5
6 days	2
Total	19

NOTE:

(i) % Materialisation (including Deemed Delivery) as per CIL is for the period 01.04.2019 to 07.01.2020

(ii) Power Plants having less coal stock due to outstanding dues/ supply more than committed quantity/ not lifting offered coal/Bridge linkage/New Linkage are not shown as having critical /supercritical coal stock.

(iii) Daily coal requirement is based on the maximum of the requirement for average actual consumption of the plant for last 7 days or requirement for installed capacity of plant at 55%PLF.

(iv) Stock resticted to 70% Domestic and 30% Imported ratio.

C:Central Sector; S: State Sector; P: Private Sector; JV: Joint Venture

						ANNEXURE 3.1
DETAILS OF PROPOSED MAINTENANCE PROGRAM OF GENERATING UNITS DURING February 2020 & March 2020						
S. No.	Unit	No.	Capacity	Outage Plan		Reason
			(MW)	From	To	
1	GUJARAT					
1.1	Sugen	10	382.5	23-Feb-20	10-Mar-20	AOH
2	MADHYAPRADESH					
3	CHHATTISHGARH					
3.1	KORBA EAST # 6	6	120	27-Feb-20	12-Mar-20	
3.2	KORBA WEST # 2	2	210	12-Mar-20	21-Mar-20	
3.3	DSPM # 2	2	250	21-Mar-20	30-Apr-20	
4	MAHARASHTRA					
5	Central Sector and IPPs					
5.1	JPL Ext 1	1	600	18-Feb-20	13-Mar-20	AOH
5.2	Kawas GT	2B		4-Mar-20	24-Mar-20	GT 2B HGPI and Gen RLA
5.3	Mouda	2	500	10-Mar-20	8-Apr-20	AOH
5.4	SSP	5	200	6-Mar-20	26-Mar-20	AOH

Transmission element outages for the month of March 2020

Annexure 3.2

Sr. No	Request Type	OCC Number	Name of Requesting Agency	Line / Element	D	reason	From	time	to	Time
1	PLANNED	OCC-528	SRPC	400 Kv RANMAGUNDAM CHANDRAPUR D/C	Daily	Extension bay Jumpering Works(Clearance between Bus 1 Jack Bus and Bus 2 very less)	23-Feb-20	9:00	23-Feb-20	16:00
2	PLANNED	OCC-528	POWERGRID_WR2	400KV-MAGARWADA-BOISAR-1	D	Bullet train Tower shifting work. Simultaneous outage of both ckt-1 & 2 is required.	01-Mar-20	8:00	01-Mar-20	18:00
3	PLANNED	OCC-528	POWERGRID_WR2	400KV-MAGARWADA-BOISAR-2	D	Bullet train Tower shifting work. Simultaneous outage of both ckt-1 & 2 is required.	01-Mar-20	8:00	01-Mar-20	18:00
4	PLANNED	OCC-528	MSETCL	TBC @ WALUJ	Continuous	CB Overhauling Works	01-Mar-20	09:00	07-Mar-20	17:00
5	PLANNED	OCC-528	ERPC	220kV Budhipadar-Korba S/C Line	OCB	Tower erection and stringing on diversion part for OPGC MGR Railway	01-Mar-20	8:00	10-Mar-20	18:00
6	PLANNED	OCC-528	POWERGRID_WR2	220KV-NAVSARI-NAVSARI-GETCO-1	D	For NHSRCL Diversion Work: Tower Erection.(For M/ Ckt towers of 135- 156 Section). Simultaneous outage of 220kV Navsari-Navsari-1 and 220kV Navsari-Popada is required.	01-Mar-20	6:00	02-Mar-20	18:00
7	PLANNED	OCC-528	POWERGRID_WR2	220KV-NAVSARI-POPADA	D	For NHSRCL Diversion Work: Tower Erection For M/Ckt towers of 135-156 Section. Simultaneous outage of 220kV Navsari-Navsari-1 and 220kV Navsari-Popada is required.	01-Mar-20	6:00	02-Mar-20	18:00
8	PLANNED	OCC-528	MSETCL	220KV-WARDHA-PUSAD-1	Daily	PID TESTING	01-Mar-20	07:00	02-Mar-20	17:00
9	PLANNED	OCC-528	MEGPTCL	765KV-AKOLA (2)-KORADI-III-1	Daily	A/R mode to be kept off for attending additional earthing in towers.	01-Mar-20	08:00	06-Mar-20	18:00
10	PLANNED	OCC-528	MEGPTCL	765KV-AKOLA (2)-KORADI-III-2	Daily	A/R mode to be kept off for attending additional earthing in towers.	01-Mar-20	08:00	06-Mar-20	18:00
11	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-SOLAPUR-M-1	Daily	PID Testing of Insulator strings	01-Mar-20	10:00	15-Mar-20	18:00
12	PLANNED	OCC-528	MSETCL	400KV-BABLESHWAR-PADGHE-1	Daily	For Carrying PID Work	01-Mar-20	08:00	17-Mar-20	18:00
13	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV JABALPUR-ICT-2	C	ICT replacement work/AMP at Jabalpur Sukha. Dia to be kept open on both ends.	01-Mar-20	9:00	20-Mar-20	18:00
14	PLANNED	OCC-528	POWERGRID_WR1	220KV-KORBA EAST-BPADAR-3-AR-off	D	For PID testing of Insulator strings	01-Mar-20	8:00	30-Mar-20	18:00
15	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARDHA-RAIPUR-PS (DURG)-2- AR-off	C	Line A/R to be kept in Non-Auto Mode for OPGW works.	01-Mar-20	9:00	30-Mar-20	18:00
16	PLANNED	OCC-528	WTGL	400KV-RANCHODPURA-KANSARI-2	Daily	A/R mode to be kept OFF for Additional Earthing Installation Work	01-Mar-20	8:00	31-Mar-20	18:00
17	PLANNED	OCC-528	WTGL	400KV-VELODA-RANCHODPURA-1	Daily	A/R mode to be kept OFF for Additional Earthing Installation Work	01-Mar-20	8:00	31-Mar-20	18:00
18	PLANNED	OCC-528	PGCIL	400KV-GANDHAR-HAZIRA-1	Daily	Auto reclosure in disabled mode for installation of OPGW by PGCIL on hotline basis	01-Mar-20	8:30	31-Mar-20	20:30
19	PLANNED	OCC-528	MSETCL	400KV-KALWA-KHARGHAR-1	Daily	PID Testing work for line Insulator strings at various locations. Auto-Reclose function to be out of service.	01-Mar-20	09:00	31-Mar-20	17:00
20	PLANNED	OCC-528	POWERGRID_WR2	765KV-SASAN-SATNA-1	D	A/R OFF for Tower Strengthening works	01-Mar-20	9:00	31-Mar-20	18:00
21	PLANNED	OCC-528	POWERGRID_WR2	765KV-SASAN-SATNA-2	D	A/R OFF for Tower Strengthening works	01-Mar-20	9:00	31-Mar-20	18:00
22	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-1	D	A/R OFF for Tower Strengthening works	01-Mar-20	9:00	31-Mar-20	18:00
23	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-2	D	A/R OFF for Tower Strengthening works	01-Mar-20	9:00	31-Mar-20	18:00
24	PLANNED	OCC-528	POWERGRID_WR2	765KV-SEONI-BINA-1	D	A/R OFF for Tower Strengthening works	01-Mar-20	9:00	31-Mar-20	18:00
25	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-INDORE-1	D	A/R OFF for Tower Strengthening works	01-Mar-20	9:00	31-Mar-20	18:00
26	PLANNED	OCC-528	ERPC	A/R OF 400KV Sundargarh-Raigarh Ckt #2&4	ODB	For PID Testing of Porcelain Insulator. Only Auto reclose	01-Mar-20	08:00	15-Mar-20	18:00
27	PLANNED	OCC-528	MSETCL	400KV-KALWA-PUNE-PG-1	Daily	Line Maintenance & Routine Diagnostic testing work	02-Mar-20	08:00	02-Mar-20	18:00
28	PLANNED	OCC-528	TPL-DGEN	400KV/22KV DGEN-GT-2	D	Offline washing of bay equipments including isolator, CT, breaker etc.	02-Mar-20	8:00	02-Mar-20	18:00
29	PLANNED	OCC-528	GETCO	400 kV-SSP-KASOR	Daily	Bay Maintenance Work, Tan Delta Testing of CTs & CVTs , Breaker Timing & DCRM Testing	02-Mar-20	8:00	02-Mar-20	18:00
30	PLANNED	OCC-528	POWERGRID_WR2	BACHAU - 400KV B/R 2	D	For AMP of Bus Reactor. Dia to be kept open.	02-Mar-20	8:00	02-Mar-20	18:00
31	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-RAIGARH-PS-TAMNAR-1 AND RAIGARH-PS - 765KV - BUS 2 at RAIGARH-PS - 765KV	D	For AMP works	02-Mar-20	8:30	02-Mar-20	17:00
32	PLANNED	OCC-528	BDTCL	408 Bay (Tie bay ICT-1 & Bhopal-Bhopal line-2) at Bhopal	D	Annual maitenance work	02-Mar-20	8:30	02-Mar-20	19:00
33	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-ITARSI-2	D	For taking line reactor out of service at Itarsi for Overhauling works of Reactor.	02-Mar-20	9:00	02-Mar-20	9:15
34	PLANNED	OCC-528	POWERGRID_WR2	400KV-BHOPAL-MP-DAMOH-1	D	For taking line reactor out of service for installation & commissioning of NIPPS at MPPTCL Bhopal S/S by Itarsi.	02-Mar-20	9:00	02-Mar-20	9:30
35	PLANNED	OCC-528	NSPCL	400KV-NSPCL-RAIPUR-1	Daily	SAS Upgradation	02-Mar-20	9:00	02-Mar-20	12:00
36	PLANNED	OCC-528	NSPCL	TIE BAY - 400KV-NSPCL-RAIPUR-1 AND 400KV-NSPCL-RAIPUR-2 at NSPCL - 400KV	Daily	SAS Upgradation	02-Mar-20	9:00	02-Mar-20	12:00
37	PLANNED	OCC-528	POWERGRID_WR2	765KV-SASAN-SATNA-1	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	02-Mar-20	9:00	02-Mar-20	16:00
38	PLANNED	OCC-528	MSETCL	220KV-WARDHA-BADNERA-1	Daily	For measurement of Tan delta of CTs and CRM and Timing of CB and Line signature analysis	02-Mar-20	09:00	02-Mar-20	18:00
39	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-AURANGABAD-M (WALUJ)-AURANGABAD-1 AND AURANGABAD-M (WALUJ) - 400KV - BUS 1 at Aurangabad-M (Waluj) - 400KV	D	For replacement of old BHEL CB with new GE CB, Line load shall be shifted on to TBC during the period	02-Mar-20	9:00	02-Mar-20	18:00
40	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-BHADRAWATI-DHARIWAL-1 AND BHADRAWATI - 400KV - BUS 1 at BHADRAWATI - 400KV (424)	D	For AMP works	02-Mar-20	9:00	02-Mar-20	18:00

41	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV BILASPUR-ICT-1 AND BILASPUR - 765KV - BUS 2 at Bilaspur - 765KV	D	For AMP works	02-Mar-20	9:00	02-Mar-20	18:00
42	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV PARLI NEW-ICT-2	D	For AMP works	02-Mar-20	9:00	02-Mar-20	18:00
43	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV RAIGARH-ICT-2 AND RAIGARH - 400KV - BUS 2 at Raigarh - 400KV	D	For AMP works	02-Mar-20	9:00	02-Mar-20	18:00
44	PLANNED	OCC-528	POWERGRID_WR1	220KV-SOLAPUR-KUMBARI-2	D	For CT and Line terminal equipments AMP at Solapur end.	02-Mar-20	9:00	02-Mar-20	18:00
45	PLANNED	OCC-528	POWERGRID_WR1	400KV/220KV MAPUSA-ICT-3	D	For Amp Work	02-Mar-20	9:00	02-Mar-20	18:00
46	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-SEONI-WARDHA-2 AND WARDHA - 765KV - BUS 1 at Wardha - 765KV	D	For AMP Work	02-Mar-20	9:00	02-Mar-20	18:00
47	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV PUNE-GIS-PADGHE-GIS AND 765/400KV FUTURE ICT-3 at Pune-GIS - 765KV	D	For AMP works i.e DCRM ,CRM ,Timings test	02-Mar-20	9:00	02-Mar-20	18:00
48	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV MAGARWADA-ICT-1	D	RTV COATING. Dia will be open on both sides.	02-Mar-20	9:00	02-Mar-20	18:00
49	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - PIRANA - 400KV B/R 1 AND PIRANA - 400KV - BUS 2 at PIRANA - 400KV	D	AMP work	02-Mar-20	9:00	02-Mar-20	18:00
50	PLANNED	OCC-528	POWERGRID_WR2	220KV KHADOLI-SAYALI	D	AMP OF MAIN BAY & TERMINAL EQUIPMENT at khadoli end bay by Vapi. Line outage is required.	02-Mar-20	9:00	02-Mar-20	18:00
51	PLANNED	OCC-528	POWERGRID_WR1	400KV-RAIPUR-WARDHA-1	D	R-ph LA replacement at Raipur SS & 400kV Raipur-Wardha-2 AR to be keep in non auto mode for safety precautions.	02-Mar-20	9:30	02-Mar-20	17:30
52	PLANNED	OCC-528	POWERGRID_WR1	765KV-RAIPUR-PS (DURG)-CHAMPA-2 L/R@ RAIPUR-PS (DURG) - 765KV	D	For Switching of B phase to R phase for O ring replacement work.	02-Mar-20	10:00	02-Mar-20	12:00
53	PLANNED	OCC-528	POWERGRID_WR2	220KV-RAJGARH-RAJGARH-MP-1	D	FOR CT TESTING AND LTE MAINTENANCE. Line outage is required.	02-Mar-20	10:00	02-Mar-20	17:00
54	PLANNED	OCC-528	POWERGRID_WR2	400KV-NAGDA-SHUJALPUR-1	D	LTE Equipment AMP at SHUJALPUR and line AMP on opportunity. A/R OFF of ckt-2 and dia to be kept open at both ends.	02-Mar-20	10:00	02-Mar-20	18:00
55	PLANNED	OCC-528	NSPCL	400KV-NSPCL-RAIPUR-2	Daily	SAS Upgradation	02-Mar-20	14:00	02-Mar-20	17:30
56	PLANNED	OCC-528	NSPCL	TIE BAY - 400KV-NSPCL-RAIPUR-1 AND 400KV-NSPCL-RAIPUR-2 at NSPCL - 400KV	Daily	SAS Upgradation	02-Mar-20	14:00	02-Mar-20	17:30
57	PLANNED	OCC-528	POWERGRID_WR2	765KV-SASAN-SATNA-1	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	02-Mar-20	16:00	02-Mar-20	17:00
58	PLANNED	OCC-528	POWERGRID_WR2	BANASKANTHA - 400KV - BUS 1	D	400kV Radhanesda bays extension construction work	02-Mar-20	8:00	03-Mar-20	18:00
59	PLANNED	OCC-528	POWERGRID_WR1	765KV-SEONI-WARDHA-1 L/R@ SEONI - 765KV	D	For REACTOR AND REACTOR BAY AMP AND SPARE LR CHANGEOVER WORK	02-Mar-20	9:00	03-Mar-20	18:00
60	PLANNED	OCC-528	POWERGRID_WR2	400KV-BHOPAL-DAMOH-1 L/R @ MPPTCL BHOPAL - 400KV	C	For installation & commissioning of NIPPS for line reactor at MPPTCL Bhopal S/S by Itarsi.	02-Mar-20	9:00	06-Mar-20	18:00
61	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-ITARSI-2 L/R@ ITARSI - 400KV	C	For Overhauling works of Reactor.	02-Mar-20	9:00	11-Mar-20	18:00
62	PLANNED	OCC-528	REGL	400KV-REGL-RAIGARH-PS-2 Line	Daily	Bay : 406 Bay Breaker Maintenance	02-Mar-20	8:00	02-Mar-20	18:00
63	PLANNED	OCC-528	POWERGRID_WR2	220KV-REWA-BADWAR-1	D	For AMP Works. Line Outage is required.	02-Mar-20	9:00	02-Mar-20	18:00
64	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV SATNA-ICT-2 AND SATNA - 220KV - BUS 1 at SATNA - 220KV	D	AMP work	02-Mar-20	9:00	02-Mar-20	18:00
65	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 765KV/400KV KORADI-III-ICT-2 AND KORADI-III - 765KV	Daily	Dew point measurement in circuit breaker.	02-Mar-20	10:00	02-Mar-20	14:00
66	PLANNED	OCC-528	RRWTL	765KV-RAJNANDGAON-RRWTL-WARORA-PG-1	Daily	Annual maintenance of Line equipments	02-Mar-20	10:00	02-Mar-20	18:00
67	PLANNED	OCC-528	NTPC SIPAT	765KV/400KV SIPAT-ICT-1	C	For PM, tan delta testing, ICT jumpers will be opened	02-Mar-20	8:00	03-Mar-20	18:00
68	PLANNED	OCC-528	CGPL	TIE BAY - 400KV/26KV CGPL-GT-2 AND 400KV-BHUJ-CGPL-2	D	Breaker drive box painting	02-Mar-20	8:00	03-Mar-20	20:00
69	PLANNED	OCC-528	RGpPL	400KV-RGPPL-BUS-1	C	Bus Diff relay to be tested.	02-Mar-20	9:00	03-Mar-20	18:00
70	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 765KV-INDORE-VADODARA-1 AND FUTURE at INDORE - 765KV	D	AMP WORKS	02-Mar-20	9:00	03-Mar-20	18:00
71	PLANNED	OCC-528	ATIL	400KV-APL-MUNDRA-SAMI-1 FSC@ SAMI	Continuous	Health Check up, system Scanning and testing of FSC 1 by OEM (Siemens) representative.	02-Mar-20	9:00	04-Mar-20	18:00
72	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV TAMNAR-ICT-2 AND TAMNAR - 765KV - BUS 1 at TAMNAR - 765KV	C	modification in 765 kV Siemens make CB guide valve arrangement and damper replacement works	02-Mar-20	9:30	04-Mar-20	17:30
73	PLANNED	OCC-528	MSETCL	220KV-NASIK-NAVSARI-1	D	Replacement of old disc insulator by porcelain long rod, Dignostic testing,broken/flash over string replacement found during monkey patrolling, signature analysis, TLS fixing if issued.	02-Mar-20	09:00	05-Mar-20	18:00
74	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-WARDHA-AKOLA-2 AND AKOLA - 400KV - BUS 2 at Akola - 400KV	C	For Replacement of BHEL CB with GE CB.	02-Mar-20	9:00	07-Mar-20	18:00
75	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV WARDHA-ICT-2 AND WARDHA - 400KV - BUS 1 at Wardha - 400KV	C	For Replacement of BHEL CB with GE CB.	02-Mar-20	9:00	07-Mar-20	18:00
76	PLANNED	OCC-528	MSETCL	400KV-KALWA-PADGHE-1	Daily	PID Testing work for line Insulator strings at various locations. Auto-Reclose function to be out of service.	02-Mar-20	09:00	19-Mar-20	17:00
77	PLANNED	OCC-528	MSETCL	400KV-CHANDRAPU-II-NANDED-2	Daily	For PID Work,Shifting of auto reclose switch to non auto mode.	02-Mar-20	08:00	31-Mar-20	17:00
78	PLANNED	OCC-528	MSETCL	400KV-CHANDRAPUR-GCR-PARLI-M-3	Daily	For PID Work,Shifting of auto reclose switch to non auto mode.	02-Mar-20	08:00	31-Mar-20	17:00
79	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 765KV-CHAMPA-DHARAMJAYGARH-1 AND CHAMPA - 765KV - Bus 3 at Champa - 765KV	D	For AMP works	03-Mar-20	9:00	04-Mar-20	17:30

80	PLANNED	OCC-528	GETCO	400 kV-CHARANKA-KANSARI-1	Daily	Reactor & NGR Wdg Bush.Tan-d, CT-CVT Tan-d	03-Mar-20	9:00	03-Mar-20	18:00
81	PLANNED	OCC-528	MSETCL	220KV-WARDHA-PUSAD-1	Daily	ROUTINE MAINT. WORK	03-Mar-20	07:00	03-Mar-20	17:00
82	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	rusted/damaged Earthwire replacement work. Insulator string replacement work.	03-Mar-20	07:00	03-Mar-20	18:00
83	PLANNED	OCC-528	POWERGRID_WR1	765KV-RAIGARH-PS-RAIPUR-PS (DURG)-1	D	Line AMP WORKs & 765KV-RAIGARH-PS-RAIPUR-PS (DURG)-2 AR to be keep in non auto mode for safety precautions.	03-Mar-20	7:00	03-Mar-20	18:00
84	PLANNED	OCC-528	TPL-DGEN	400KV-NAVSARI-DGEN-2	D	Offline washing of Navsari Line 2 equipments including LA, isolator, CT, breaker, EMVT etc.	03-Mar-20	8:00	03-Mar-20	18:00
85	PLANNED	OCC-528	GETCO	400 kV-HADALA-CHORANIA-1	Daily	For Silicon compound applying work on Tension loc.	03-Mar-20	8:00	03-Mar-20	18:00
86	PLANNED	OCC-528	GETCO	400 kV-GPEC-KASOR-1	Daily	Bay Maintenance Work, Tan Delta Testing of CTs & CVTs , Breaker Timing & DCRM Testing	03-Mar-20	8:00	03-Mar-20	18:00
87	PLANNED	OCC-528	BDTCL	409 Bay (Main bay Bhopal-Bhopal line-2) at Bhopal	D	Annual maintenance work	03-Mar-20	8:30	03-Mar-20	19:00
88	PLANNED	OCC-528	POWERGRID_WR2	765KV-SASAN-SATNA-2	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	03-Mar-20	9:00	03-Mar-20	16:00
89	PLANNED	OCC-528	MP_SLDC	220KV-GWALIOR-Malanpur-1	D	For line maintenance work	03-Mar-20	9:00	03-Mar-20	17:00
90	PLANNED	OCC-528	NSPCL	220KV-NSPCL-BHILAI STEEL PLANT-1	Daily	Yearly maintenance & SAS Upgradation	03-Mar-20	9:00	03-Mar-20	17:00
91	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-AURANGABAD-M (WALUJ)-AURANGABAD-2 AND AURANGABAD-M (WALUJ) - 400KV - BUS 1/2 at Aurangabad-M (Waluj) - 400KV	D	For replacement of old BHEL CB with new GE CB, Line load shall be shifted on to TBC during the period	03-Mar-20	9:00	03-Mar-20	18:00
92	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-CHANDRAPUR-BHADRAWATI-4 AND CHANDRAPUR - 400KV - BUS 1 at CHANDRAPUR - 400KV	D	For AMP works	03-Mar-20	9:00	03-Mar-20	18:00
93	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - BILASPUR - 765KV B/R 1 AND BILASPUR - 765KV - BUS 2 at Bilaspur - 765KV	D	For AMP works	03-Mar-20	9:00	03-Mar-20	18:00
94	PLANNED	OCC-528	POWERGRID_WR1	220KV-PARLI-HARANGUL-M-1	D	For collecting CT oil Sample	03-Mar-20	9:00	03-Mar-20	18:00
95	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-RAIGARH-RAIPUR-1 AND FUTURE at Raigarh - 400KV	D	For AMP works	03-Mar-20	9:00	03-Mar-20	18:00
96	PLANNED	OCC-528	POWERGRID_WR1	400KV-SOLAPUR-KARAD-1 L/R @Solapur-400KV	D	For Reactor AMP works.	03-Mar-20	9:00	03-Mar-20	18:00
97	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARDHA-AURANGABAD-3 L/R@ WARDHA - 765KV	D	For Amp Work	03-Mar-20	9:00	03-Mar-20	18:00
98	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-PIRANA-T-PIRANA-2 AND FUTURE at PIRANA - 400KV	D	AMP work	03-Mar-20	9:00	03-Mar-20	18:00
99	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 220KV-KHANDWA-NEPANAGAR-1 AND KHANDWA - 220KV - BUS 1 at KHANDWA - 220KV	D	AMP WORK. Line will be in service through TBC.	03-Mar-20	9:00	03-Mar-20	18:00
100	PLANNED	OCC-528	POWERGRID_WR2	TRANSFER BUS COUPLER BAY- 220KV- REWA -BUS-I AND 220KV-REWA-BUS-II AND 220KV-REWA-TRANSFER BUS	D	For AMP Works.	03-Mar-20	9:00	03-Mar-20	18:00
101	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765/400KV ICT-2 AND SATNA - 400KV - BUS 2 at SATNA - 400KV	D	AMP work	03-Mar-20	9:00	03-Mar-20	18:00
102	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV BETUL-ICT-2	D	For AMP works. Dia to be kept open on both sides.	03-Mar-20	9:00	03-Mar-20	18:00
103	PLANNED	OCC-528	BDTCL	703 Bay(Main bay ICT-1) at Dhule	D	Annual maintenance work	03-Mar-20	9:00	03-Mar-20	19:00
104	PLANNED	OCC-528	POWERGRID_WR1	220KV-RAIPUR-BHILAI-1	D	For Y-ph LA replacement at Raipur SS	03-Mar-20	9:30	03-Mar-20	17:30
105	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-JABALPUR-3 L/R@ JABALPUR - 765KV	D	To verify CSD setting as BR by online switching operation testing. Ouatge of L/R is required and will be switched multiple times.	03-Mar-20	9:30	03-Mar-20	18:00
106	PLANNED	OCC-528	POWERGRID_WR2	220KV-DAMOH-SAGAR-2	D	Outage required for Cable replacement between CVT HF point to LM	03-Mar-20	10:00	03-Mar-20	11:00
107	PLANNED	OCC-528	POWERGRID_WR2	220KV-RAJGARH-RAJGARH-MP-2	D	FOR CT TESTING AND LTE MAINTENANCE. Line outage is required.	03-Mar-20	10:00	03-Mar-20	17:00
108	PLANNED	OCC-528	POWERGRID_WR2	400KV-VADODARA-PIRANA-1	D	CB & line terminal equipment AMP work at Vadodara and line AMP on opportunity. A/R OFF of ckt-2 and dia to be kept open at both ends.	03-Mar-20	10:00	03-Mar-20	17:00
109	PLANNED	OCC-528	TPL-DGEN	400KV-DGEN-VAGHODIYA-1	D	testing and Change over of 400 kv bus isolators. 400 KV BUS-1 isolator closing and then opening operation. 400 KV BUS-2 isolator closing and then opening operations. 400 KV Line side isolator Closing and then opening operation.	03-Mar-20	10:00	03-Mar-20	18:00
110	PLANNED	OCC-528	TPL-DGEN	400KV-DGEN-VAGHODIYA-2	D	testing and Change over of 400 kv bus isolators. 400 KV BUS-1 isolator closing and then opening operation. 400 KV BUS-2 isolator closing and then opening operations. 400 KV Line side isolator Closing and then opening operation.	03-Mar-20	10:00	03-Mar-20	18:00
111	PLANNED	OCC-528	TPL-DGEN	400KV-NAVSARI-DGEN-1	D	testing and Change over of 400 kv bus isolators. 400 KV BUS-1 isolator closing and then finally 400 kv Bus-2 isolator Opening Operation.	03-Mar-20	10:00	03-Mar-20	18:00
112	PLANNED	OCC-528	TPL-DGEN	400KV-NAVSARI-DGEN-2	D	testing and Change over of 400 kv bus isolators. 400 KV BUS-2 isolator closing and then finally 400 kv Bus-1 isolator Opening Operation.	03-Mar-20	10:00	03-Mar-20	18:00
113	PLANNED	OCC-528	MSETCL	400KV-KARAD-SOLAPUR-1	Daily	Conversion of SSN to DSN	03-Mar-20	10:00	03-Mar-20	18:00

114	PLANNED	OCC-528	POWERGRID_WR1	400KV-KOLHAPUR GIS-NARENDRA KUDGI-1	D	For Line bay AMP works, Dia should be kept open & AR of 400KV-KOLHAPUR GIS-NARENDRA KUDGI-2 to be kept in Non-auto mode for safety measures.	03-Mar-20	10:00	03-Mar-20	18:00
115	PLANNED	OCC-528	POWERGRID_WR2	220KV-KAWAS-HALDARWA-2	D	For bay AMP works at GETCO haldarwa by Navsari.	03-Mar-20	10:00	03-Mar-20	18:00
116	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-SHUJALPUR-RAPP-2 AND FUTURE at SHUJALPUR - 400KV	D	AMP WORK	03-Mar-20	10:00	03-Mar-20	18:00
117	PLANNED	OCC-528	POWERGRID_WR2	765KV-SASAN-SATNA-2	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	03-Mar-20	16:00	03-Mar-20	17:00
118	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-KHARGHAR-PUNE-PG-1 AND PUNE-PG - 400KV - BUS 2 at PUNE-PG - 400KV	D	For AMP works	03-Mar-20	9:00	03-Mar-20	18:00
119	PLANNED	OCC-528	TPL-DGEN	400KV/220KV DGEN-ICT-1	C	ICT routine energisation testing during RSD and shutdown for energy conservation after one day energization	03-Mar-20	10:00	04-Mar-20	15:00
120	PLANNED	OCC-528	NRPC	765 KV ORAI-JABALPUR (PG) CKT-1	D	Tan delta point replacement in R-ph Line reactor at Orai S/S.	03-Mar-20	08:00	03-Mar-20	18:00
121	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 765KV-SASAN-VINDHYACHAL(PS)-1 AND 765KV/400KV VINDHYACHAL(PS)-ICT-1 at Vindhyachal(PS) - 765KV	D	For AMP Works, at Vindhyachal (P)	03-Mar-20	9:00	03-Mar-20	17:30
122	PLANNED	OCC-528	MP_SLDC	400KV-Damoh-KATNI-1	D	For line maintenance work	03-Mar-20	9:00	03-Mar-20	18:00
123	PLANNED	OCC-528	POWERGRID_WR1	WARORA-PG - 400KV - BUS 2	D	For Amp Work	03-Mar-20	9:00	03-Mar-20	18:00
124	PLANNED	OCC-528	POWERGRID_WR1	765KV-AURANGABAD-PADGHE-PG-1	D	SF6 gas leakage arresting work of GC 7136, B phase GC7136 B PH is located near T section of Main and Tie bay of Aurangabad Padghe Line therefore outage of 765 KV Aurangabad Padghe Line, 709 Main Bay and 708 Tie bay is required for attending the leakage of the chamber GC7136 B PH. & for line AMP AR of 765KV-AURANGABAD-PADGHE-PG-1 to be kept in Non-auto mode for safety measures.	03-Mar-20	10:00	03-Mar-20	13:00
125	PLANNED	OCC-528	MSETCL	400kV Partial Main Bus-I (from ektuni-2 to ICT-4 section) at 400kV Babhaleshwar SS	Continuous	Jumpering work and Bus isolator alignment work for 400kV Kudus-I & 400kV Kudus-II bay at 400kV Babhaleshwar SS	03-Mar-20	8:00	08-Mar-20	18:00
126	PLANNED	OCC-528	REGL	400KV-REGL-RAIGARH-PS-1 Line	Daily	Bay : 403 Bay Breaker Maintenance	03-Mar-20	8:00	03-Mar-20	18:00
127	PLANNED	OCC-528	TPL-DGEN	DGEN - 400KV B/R 1	D	testing and Change over of 400 kv bus isolators. 400 KV BUS-2 isolator closing and then finally 400 kv Bus-1 isolator Opening Operation.	03-Mar-20	10:00	03-Mar-20	18:00
128	PLANNED	OCC-528	MP_SLDC	400KV-INDIRASAGAR-INDORE-MP-2	D	For line maintenance work	03-Mar-20	10:00	03-Mar-20	18:00
129	PLANNED	OCC-528	NTPC	TIE BAY - 400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-1 AND 400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-4 at VINDHYANCHAL-IV - 400KV	C	Annual Bay Maintenance	03-Mar-20	8:00	05-Mar-20	18:00
130	PLANNED	OCC-528	NTPC	400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-1	C	Annual Bay Maintenance of associated Main and Tie Bay at VSTPS	03-Mar-20	8:00	05-Mar-20	18:00
131	PLANNED	OCC-528	NTPC	MAIN BAY - 400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-1 AND VINDHYANCHAL-IV - 400KV - BUS 7 at VINDHYANCHAL-IV - 400KV	C	Annual Bay Maintenance	03-Mar-20	8:00	05-Mar-20	18:00
132	PLANNED	OCC-528	POWERGRID_WR2	220KV-NAVSARI-POPADA	C	NHSRCL Diversion Work: Tower Erection & Stringing Work.(For M/c Totwers of 135-156 Section). Simultaneous S/D of 220kV Navsari-Popada, 220kV Navsari-Talangepore, 220kV Navsari-Navsari- 1 & 2 required	03-Mar-20	6:00	12-Mar-20	18:00
133	PLANNED	OCC-528	POWERGRID_WR2	220KV-NAVSARI-TALANGPORE	C	NHSRCL Diversion Work: Tower Erection & Stringing Work.(For M/c Totwers of 135-156 Section). Simultaneous S/D of 220kV Navsari-Popada, 220kV Navsari-Talangepore, 220kV Navsari-Navsari- 1 & 2 required	03-Mar-20	6:00	12-Mar-20	18:00

134	PLANNED	OCC-528	POWERGRID_WR2	220KV-NAVSARI-NAVSARI-GETCO-1	C	NHSRCL Diversion Work: Tower Erection & Stringing Work.(For M/c Totwers of 68-72 Section), Simultaneous S/D of 220kV Navsari-Popada, 220kV Navsari-Talangpore, 220kV Navsari-Navsari- 1 & 2 required	03-Mar-20	6:00	12-Mar-20	18:00
135	PLANNED	OCC-528	POWERGRID_WR2	220KV-NAVSARI-NAVSARI-GETCO-2	C	NHSRCL Diversion Work: Tower Erection & Stringing Work.(For M/c Totwers of 68-72 Section), Simultaneous S/D of 220kV Navsari-Popada, 220kV Navsari-Talangpore, 220kV Navsari-Navsari- 1 & 2 required	03-Mar-20	6:00	12-Mar-20	18:00
136	PLANNED	OCC-528	NTPC	400KV-KORBA-NTPC-BHILAI-1	D	Bay PM at NTPC korba	03-Mar-20	8:00	04-Mar-20	18:00
137	PLANNED	OCC-528	POWERGRID_WR2	765KV/400KV BHUJ-ICT-1	D	For RTV coating of 400kV Side equipments	04-Mar-20	8:00	05-Mar-20	18:00
138	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-RAIGARH-PS-RAIPUR-PS (DURG)-2 AND 765KV-RAIGARH-PS-CHAMPA-1 at RAIGARH-PS - 765KV	D	For AMP works	04-Mar-20	8:30	04-Mar-20	17:00
139	PLANNED	OCC-528	MP_SLDC	400KV-BHOPAL-MP-BINA-MP-1	D	For line maintenance work	04-Mar-20	9:00	04-Mar-20	17:00
140	PLANNED	OCC-528	POWERGRID_WR2	765KV-VINDHYACHAL(PS)-JABALPUR-2 L/R@ VINDHYACHAL(PS) - 765KV	D	Attending of Oil leakage in Y Ph PRD	04-Mar-20	9:00	04-Mar-20	17:30
141	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-RAIPUR-PS (DURG)-JHARSUGUDA-2 AND FUTURE at RAIPUR-PS (DURG) - 765KV	D	For AMP works & Warrenty Test	04-Mar-20	9:00	04-Mar-20	18:00
142	PLANNED	OCC-528	POWERGRID_WR1	WARORA-PG - 765KV - BUS 1	D	For Amp Work	04-Mar-20	9:00	04-Mar-20	18:00
143	PLANNED	OCC-528	GETCO	400 kV-CHARANKA-KANSARI-2	Daily	Reactor & NGR Wdg Bush.Tan-d, CT-CVT Tan-d	04-Mar-20	9:00	04-Mar-20	18:00
144	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV PUNE-GIS-ICT-1	D	For AMP works i.e Tan delta test on ICT bushings ,DCRM ,CRM ,Timings test	04-Mar-20	9:00	04-Mar-20	18:00
145	PLANNED	OCC-528	GETCO	400 kV-SSP-RAJGARH-1	Daily	PMM work.	04-Mar-20	7:00	04-Mar-20	18:00
146	PLANNED	OCC-528	GETCO	SOJA - 400 kV - BUS 2	Daily	For taking outage of 50 MVAR Reactor with out CSD Relay and PMM Work.	04-Mar-20	8:00	04-Mar-20	18:00
147	PLANNED	OCC-528	GETCO	50 MVAR Reactor 400 kV Soja	Daily	For taking DCRM , Tan delta test and PMM work.	04-Mar-20	8:00	04-Mar-20	18:00
148	PLANNED	OCC-528	GETCO	SOJA - 400 kV -BUS COUPLER	Daily	For taking outage of 50 MVAR Reactor with out CSD Relay and PMM Work.	04-Mar-20	8:00	04-Mar-20	18:00
149	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 765KV-BHUJ-BANASKANTHA-2 AND FUTURE at Banaskantha - 765KV	D	AMP work	04-Mar-20	8:00	04-Mar-20	18:00
150	PLANNED	OCC-528	EPTCL	400KV-GANDHAR-HAZIRA-2	Daily	Replacement of Broken Pilot insulator of Tension Tower	04-Mar-20	8:30	04-Mar-20	20:30
151	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV BHATAPARA-ICT-1 AND BHATAPARA - 400KV - BUS 2 at BHATAPARA - 400KV	D	For AMP works	04-Mar-20	9:00	04-Mar-20	12:00
152	PLANNED	OCC-528	POWERGRID_WR2	765KV-SATNA-VINDHYACHAL(PS)-1	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	04-Mar-20	9:00	04-Mar-20	16:00
153	PLANNED	OCC-528	MP_SLDC	220KV-GWALIOR-Malanpur-2	D	For line maintenance work	04-Mar-20	9:00	04-Mar-20	17:00
154	PLANNED	OCC-528	NSPCL	220KV-NSPCL-BHILAI STEEL PLANT-4	Daily	Yearly maintenance & SAS Upgradation	04-Mar-20	9:00	04-Mar-20	17:00
155	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV BOISAR-ICT-4 AND BOISAR - 220KV - BUS 1 at BOISAR - 220KV	D	For Amp. ICT will be in service through TBC.	04-Mar-20	9:00	04-Mar-20	17:30
156	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV CHAMPA-ICT-4	D	For AMP works	04-Mar-20	9:00	04-Mar-20	17:30
157	PLANNED	OCC-528	MP_SLDC	220KV-Damoh-TIKAMGAD-1	D	For line maintenance work	04-Mar-20	9:00	04-Mar-20	18:00
158	PLANNED	OCC-528	POWERGRID_WR1	AURANGABAD - 765KV B/R 1	D	For AMP works	04-Mar-20	9:00	04-Mar-20	18:00
159	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-CHANDRAPUR-BHADRAWATI-3 AND CHANDRAPUR - 400KV - BUS 1 at CHANDRAPUR - 400KV	D	For AMP works	04-Mar-20	9:00	04-Mar-20	18:00
160	PLANNED	OCC-528	POWERGRID_WR1	220KV-PARLI-PARLI-M-1	D	For collecting CT oil Sample	04-Mar-20	9:00	04-Mar-20	18:00
161	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - FUTURE (418) AND RAIGARH - 400KV - BUS 2 at Raigarh - 400KV	D	For AMP works	04-Mar-20	9:00	04-Mar-20	18:00
162	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV SEONI-ICT-2	D	For ICT AMP WORK	04-Mar-20	9:00	04-Mar-20	18:00
163	PLANNED	OCC-528	POWERGRID_WR1	400KV-WARDHA-MOUDA-2	D	For line AMP work, Spare ICT platform e construction adjusting to line bays & 400kV WARDHA-MOUDA-1 A/R to be kept in Non-Auto Mode for safety measures.	04-Mar-20	9:00	04-Mar-20	18:00
164	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 220KV-MAPUSA-Tuem-1 AND MAPUSA - 220KV - BUS 1 at MAPUSA - 220KV	D	For Amp Work, Presently line is not existing only bay charged at Mapusa end.	04-Mar-20	9:00	04-Mar-20	18:00
165	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400/220KV ICT-1 AND PIRANA - 220KV - BUS 1 at PIRANA - 220KV	D	AMP work. ICT will be in service through TBC.	04-Mar-20	9:00	04-Mar-20	18:00
166	PLANNED	OCC-528	POWERGRID_WR2	220KV-REWA-BADWAR-2	D	For Line Terminal AMP Works. Line Outage is required.	04-Mar-20	9:00	04-Mar-20	18:00
167	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400/220KV ICT-2 AND SATNA - 400KV - BUS 2 at SATNA - 400KV	D	AMP work	04-Mar-20	9:00	04-Mar-20	18:00
168	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-TARAPUR 3&4-PADGHE-2 AND PADGHE - 400KV - BUS 1 at PADGHE - 400KV	D	For AMP of Tarapur Padghe 2 Line CVT at MSETCL Padghe SS.	04-Mar-20	10:00	04-Mar-20	17:00
169	PLANNED	OCC-528	POWERGRID_WR2	220KV-PITHAMPUR-RAJGARH-2	D	FOR CT TESTING AND LTE MAINTENANCE. Line outage is required.	04-Mar-20	10:00	04-Mar-20	17:00
170	PLANNED	OCC-528	POWERGRID_WR2	400KV-VADODARA-PIRANA-2	D	CB & line terminal equipment AMP work at Vadodara and line AMP on opportunity. A/R OFF of ckt-1 and dia to be kept open at both ends.	04-Mar-20	10:00	04-Mar-20	17:00

171	PLANNED	OCC-528	POWERGRID_WR2	765KV-SATNA-VINDHYACHAL(PS)-1	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	04-Mar-20	16:00	04-Mar-20	17:00
172	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-PUNE-GIS-PUNE-PG-2 AND PUNE-PG - 400KV - BUS 1 at PUNE-PG - 400KV	D	For AMP works	04-Mar-20	9:00	04-Mar-20	18:00
173	PLANNED	OCC-528	DIL	400KV-BHADRAWATI-DHARIWAL-1	Daily	Outage for fixing of line Spacer cum Damper, Suspension Pilot clamp and Jumper Pad n&bs tightening works, testing work of line bay equipments.	04-Mar-20	8:00:00	04-Mar-20	18:00
174	PLANNED	OCC-528	EPTCL	400KV-ESSAR MAHAN-BILASPUR-2	Daily	For Line Reactor-2 with Bay-412 AMP work and MB-2 Line maintenance.	04-Mar-20	7:30	05-Mar-20	18:00
175	PLANNED	OCC-528	TPL-DGEN	DGEN - 400KV - BUS 1	D	Offline washing of Bus equipments and bus gantry insulators.	04-Mar-20	8:00	05-Mar-20	18:00
176	PLANNED	OCC-528	APML	400KV/11.5KV TIRODA-ST-5	Continuous	Maintenance of 400kV Station Transformer-5.	04-Mar-20	09:00	06-Mar-20	18:00
177	PLANNED	OCC-528	SLDC_CG	400KV/220KV BHILAI-ICT-3	Continuous	Overhauling of 315 MVA ICT-III	04-Mar-20	9:00	24-Mar-20	17:00
178	PLANNED	OCC-528	ERPC	400 kv Ranchi Sipat-2	ODB	TWFL relay installation AND FSC CAPTHOR REPLACEMENT WORK	04-Mar-20	9:30	04-Mar-20	17:00
179	PLANNED	OCC-528	ERPC	A/R OF 400 kv Ranchi Sipat-1	ODB	TO FACILITATE THE S/D OF OTHER CKT ON THE SAME TOWER	04-Mar-20	9:30	04-Mar-20	17:00
180	PLANNED	OCC-528	NTPC SIPAT	BUS COUPLER BAY - SIPAT - 765KV - BUS 2 AND SIPAT - 765KV - BUS 4 at SIPAT - 765KV	C	For PM, testing, outage needs on cont.. Basis	04-Mar-20	8:00	05-Mar-20	18:00
181	PLANNED	OCC-528	MSETCL	220KV-PARLI-OSMANABAD-M-1	Daily	Line maintenance	04-Mar-20	08:00	04-Mar-20	16:00
182	PLANNED	OCC-528	REGL	Tie Bay - 400KV/11.5KV REGL-ST-1 AND 400KV-REGL-RAIGARH-PS-2 Line	Daily	Bay : 405 Bay Breaker Maintenance	04-Mar-20	8:00	04-Mar-20	18:00
183	PLANNED	OCC-528	MSETCL	BUS COUPLER BAY - KORADI - 400KV - BUS 1 AND KORADI - 400KV - BUS 2 at Koradi - 400KV	Daily	CT Tan delta	04-Mar-20	08:00	04-Mar-20	18:00
184	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-BHOPAL-1 L/R@ JABALPUR - 765KV	D	To verify CSD setting as BR by online switching operation testing. Outage of L/R is required and will be switched multiple times.	04-Mar-20	8:00	04-Mar-20	18:00
185	PLANNED	OCC-528	MSETCL	132KV-PENCH-MP-KANHAN-1	Daily	Replacement of insulator string	04-Mar-20	09:00	04-Mar-20	17:00
186	PLANNED	OCC-528	MSETCL	220KV-WARDHA-BADNERA-1	Daily	Routine maintainace work	04-Mar-20	10:00	04-Mar-20	18:00
187	PLANNED	OCC-528	POWERGRID_WR2	220KV-GANDHAR-HALDARWA-1	D	For bay AMP works at GETCO haldarwa	04-Mar-20	10:00	04-Mar-20	18:00
188	PLANNED	OCC-528	RGPL	400KV-RGPPL-BUS-2	C	Bus Diff relay to be tested.	04-Mar-20	9:00	05-Mar-20	18:00
189	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-SOLAPUR-M-1	Daily	Due to frequent tripping of 400kv GRL-SLR S/C LINE Replacement of old string by new one is necessary on urgent basis	04-Mar-20	10:00	05-Mar-20	18:00
190	PLANNED	OCC-528	MSETCL	220KV-WARDHA-PUSAD-1	Daily	PID TESTING	04-Mar-20	07:00	31-Mar-20	17:00
191	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/1200KV BINA-ICT-1 AND BINA - 400KV - BUS 2 at BINA - 400KV	C	Testing of protection system in 1200 KV phase1 & 1200 KV phase-2 . Simultaneously outage of TIE BAY - 400KV/1200KV BINA-ICT-1 AND 400KV-BINA-MP-BINA-1 at BINA - 400KV is also required.	05-Mar-20	9:15	09-Mar-20	18:00
192	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV/1200KV BINA-ICT-1 AND 400KV-BINA-MP-BINA-1 at BINA - 400KV	C	Testing of protection in 1200 KV phase1 & 1200 KV phase-2 . Simultaneous outage of MAIN BAY - 400KV/1200KV BINA-ICT-1 AND BINA - 400KV - BUS 2 at BINA - 400KV is also required.	05-Mar-20	9:15	09-Mar-20	18:00
193	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-2	D	For restoration of 765 KV Gwalior-2 LR B phase unit in place of Sapre unit. Line outage is required and dia to be kept open at both ends.	05-Mar-20	9:00	05-Mar-20	11:00
194	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-2 L/R@ GWALIOR - 765KV	D	For restoration of 765 KV Gwalior-2 LR B phase unit in place of Sapre unit. Line outage is required and dia to be kept open at both ends.	05-Mar-20	9:00	05-Mar-20	11:00
195	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-ORAI-2	D	For swapping of Rph Line reactor at Jabalpur and to make spare unit free and line AMP on opportunity. A/R OFF of ckt-1 and dia to be kept open at both ends	05-Mar-20	10:00	05-Mar-20	18:00
196	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-ORAI-2 L/R@ JABALPUR - 765KV	D	For swapping of Rph Line reactor at Jabalpur and to make spare unit free	05-Mar-20	10:00	05-Mar-20	18:00
197	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-CHAMPA-DHARAMJAYGARH-1 AND DHARAMJAYGARH - 765KV - BUS 2 at DHARAMJAYGARH - 765KV	D	For AMP Works	05-Mar-20	8:00	05-Mar-20	18:00
198	PLANNED	OCC-528	POWERGRID_WR1	PARLI NEW - 400KV - BUS 1	D	For AMP works	05-Mar-20	9:00	05-Mar-20	18:00
199	PLANNED	OCC-528	NCA	400KV-SSP-DHULE-MS-2	Daily	For CT & CVT Testing work by External Agency M/s. ERDA, Vadodara	05-Mar-20	8:00	05-Mar-20	18:00
200	PLANNED	OCC-528	MP_SLDC	400KV-BHOPAL-MP-BINA-MP-2	D	For line maintenance work	05-Mar-20	9:00	05-Mar-20	17:00
201	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-RAIPUR-PS (DURG)-RAJNANDGAON-RRWTL-1 AND RAIPUR-PS (DURG) - 765KV - BUS 1 at RAIPUR-PS (DURG) - 765KV	D	For AMP works	05-Mar-20	9:00	05-Mar-20	18:00
202	PLANNED	OCC-528	POWERGRID_WR1	Solapur - 765KV B/R 1	D	For AMP works and B/R_Bph Unit conservator Low oil level to be attended.	05-Mar-20	9:00	05-Mar-20	18:00
203	PLANNED	OCC-528	GETCO	400 kV-ASOJ-CHORANIA-1	Daily	Work of Replacement of R-Ph Jumper of Wave Trap at Asoj end.	05-Mar-20	7:00	05-Mar-20	18:00
204	PLANNED	OCC-528	GETCO	400 kV-CHARANKA-VARSANA-1	Daily	For 89A PG IsolatorFix contact replacement work.	05-Mar-20	8:00	05-Mar-20	18:00
205	PLANNED	OCC-528	GETCO	400 kV-HADALA-CHORANIA-1	Daily	For Silicon compound applying work on Tension loc.	05-Mar-20	8:00	05-Mar-20	18:00
206	PLANNED	OCC-528	GETCO	VARSAHA - 400 kV - BUS 1	Daily	For 89A PG IsolatorFix contact replacement work of Charanka line	05-Mar-20	8:00	05-Mar-20	18:00

207	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-BHUJ-BANASKANTHA-2 AND BANASKANTHA - 765KV - BUS 1 at Banaskantha - 765KV	D	AMP work	05-Mar-20	8:00	05-Mar-20	18:00
208	PLANNED	OCC-528	BDTCL	702 Bay (Tie bay Bhopal-Indore line & ICT-1) at Bhopal	D	Annual maintenance work	05-Mar-20	8:30	05-Mar-20	19:00
209	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-RAIGARH-PS-RAIPUR-PS (DURG)-2 AND RAIGARH-PS - 765KV - BUS 2 at RAIGARH-PS - 765KV	D	For AMP works	05-Mar-20	8:30	05-Mar-20	17:00
210	PLANNED	OCC-528	POWERGRID_WR2	400KV-KHANDWA-BETUL-1 L/R@ BETUL - 400KV	D	For RPH3 (CSD monitoring relay) rectification works.	05-Mar-20	9:00	05-Mar-20	14:00
211	PLANNED	OCC-528	POWERGRID_WR2	765KV-SATNA-VINDHYACHAL(PS)-2	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	05-Mar-20	9:00	05-Mar-20	16:00
212	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 765KV/400KV VINDHYACHAL(PS)-ICT-3 AND 765KV-SATNA-VINDHYACHAL(PS)-2 at Vindhyachal(PS) - 765KV	D	For AMP Works, at Vindhyachal (P)	05-Mar-20	9:00	05-Mar-20	17:30
213	PLANNED	OCC-528	GETCO	400 kV Veloda-Vadavi Line	Daily	FOR BAY MAINTENANCE/CONDITIONING MONITORING VELODA END	05-Mar-20	9:00	05-Mar-20	18:00
214	PLANNED	OCC-528	POWERGRID_WR1	765KV-AURANGABAD-PUNE-GIS L/R@ AURANGABAD - 765KV	D	For AMP works	05-Mar-20	9:00	05-Mar-20	18:00
215	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-CHANDRAPUR-BHADRAWATI-2 AND CHANDRAPUR - 400KV - BUS 1 at CHANDRAPUR - 400KV	D	For AMP works	05-Mar-20	9:00	05-Mar-20	18:00
216	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-SIPAT-BILASPUR-3 AND FUTURE at Bilaspur - 765KV	D	For AMP (Warrnty period test on CB)	05-Mar-20	9:00	05-Mar-20	18:00
217	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-RAIGARH-RAIGARH-PS-1 AND RAIGARH - 400KV - BUS 2 at Raigarh - 400KV	D	For AMP works	05-Mar-20	9:00	05-Mar-20	18:00
218	PLANNED	OCC-528	POWERGRID_WR1	400KV-SEONI-PG-KHANDWA-1 L/R@ SEONI-PG - 400KV	D	For AMP works, Line outage required for isolation & take into service of non switchable LR, each operation 15 min.	05-Mar-20	9:00	05-Mar-20	18:00
219	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - Solapur - 38.5KV STATCOM-1 AND Solapur STATCOM- 38.5KV - Bus 1	D	Bay AMP works.	05-Mar-20	9:00	05-Mar-20	18:00
220	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-SATNA-BINA-4 AND SATNA - 400KV - BUS 1 at SATNA - 400KV	D	AMP work	05-Mar-20	9:00	05-Mar-20	18:00
221	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-ITARSI-2	D	For Replacement of Bushing Turret gaskets under overhauling works of Reactor. Line AMP on opportunity. A/R OFF of ckt-1 and dia to be kept open at both ends.	05-Mar-20	9:00	05-Mar-20	18:00
222	PLANNED	OCC-528	BDTCL	706 Bay (Main bay ICT-2) at Dhule	D	Annual maintenance work	05-Mar-20	9:00	05-Mar-20	19:00
223	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-INDORE-MP-ASOJ-1 AND ASOJ - 400KV - BUS 1 at ASOJ - 400KV	D	For CB AMP work. Line will be in service through TBC BAY at ASOJ.	05-Mar-20	10:00	05-Mar-20	17:00
224	PLANNED	OCC-528	MP_SLDC	400KV-INDIRASAGAR-INDORE-MP-2	D	For line maintenance work	05-Mar-20	10:00	05-Mar-20	18:00
225	PLANNED	OCC-528	POWERGRID_WR2	220KV-GANDHAR-HALDARWA-2	D	For bay AMP works at GETCO haldarwa	05-Mar-20	10:00	05-Mar-20	18:00
226	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-NAGDA-SHUJALPUR-1 AND FUTURE at SHUJALPUR - 400KV	D	AMP WORK	05-Mar-20	10:00	05-Mar-20	18:00
227	PLANNED	OCC-528	POWERGRID_WR2	400KV-DAMOH-KATNI-1	D	Outage required for Cable replacement between CVT HF point to LMU & LMU to earth for all CVT as per SIR audit observation. Dia to be kept open.	05-Mar-20	15:00	05-Mar-20	16:00
228	PLANNED	OCC-528	POWERGRID_WR2	765KV-SATNA-VINDHYACHAL(PS)-2	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	05-Mar-20	16:00	05-Mar-20	17:00
229	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-PUNE-GIS-PUNE-PG-3 AND PUNE-PG - 400KV - BUS 2 at PUNE-PG - 400KV	D	For AMP works & Replacement of Clamp & connectors	05-Mar-20	9:00	05-Mar-20	18:00
230	PLANNED	OCC-528	DIL	400KV-DHARIWAL-PARLI-2	Daily	Outage for fixing of line Spacer cum Damper, Suspension Pilot clamp and Jumper Pad n&bs tightening works, testing work of line bay equipments.	05-Mar-20	8:00:00	05-Mar-20	18:00
231	PLANNED	OCC-528	GETCO	KASOR - 400 kV - BUS 2	Continuous	Bus Maintenance Work, damaged conductor replacement work of Y Ph, Tan Delta Testing of CVTs.	05-Mar-20	7:00	06-Mar-20	18:00
232	PLANNED	OCC-528	NSPCL	220KV/6.9KV NSPCL-ST-1 AND 220 KV Bay 5	continuous	Yearly maintenance & SAS Upgradation	05-Mar-20	9:00	07-Mar-20	17:00
233	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - TAMNAR - 765KV B/R 1 AND TAMNAR - 765KV - BUS 2 at TAMNAR - 765KV	C	modification in 765 kV Siemens make CB guide valve arrangement and damper replacement works	05-Mar-20	9:30	07-Mar-20	17:30
234	PLANNED	OCC-528	ERPC	400 kv Ranchi Sipat-1	ODB	FSC CAPTHOR REPLACEMENT WORK	05-Mar-20	9:30	05-Mar-20	17:00
235	PLANNED	OCC-528	ERPC	A/R OF 400 kv Ranchi Sipat-2	ODB	TO FACILITATE THE S/D OF OTHER CKT ON THE SAME TOWER	05-Mar-20	9:30	05-Mar-20	17:00
236	PLANNED	OCC-528	NRPC	765 KV ORAI-JABALPUR (PG) CKT-2	D	For swapping of Rph Line reactor at Jabalpur and to make spare unit free and line AMP on opportunity. A/R OFF of ckt-1 and dia to be kept open at both ends	05-Mar-20	08:00	05-Mar-20	18:00
237	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	PID Testing work.	05-Mar-20	08:00	05-Mar-20	17:00
238	PLANNED	OCC-528	RRWTL	765KV-RAIPUR-PS (DURG)-RAJNANDGAON-RRWTL-1	Daily	Annual maintenance of Line equipments	05-Mar-20	10:00	05-Mar-20	18:00
239	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	05-Mar-20	07:00	05-Mar-20	18:00
240	PLANNED	OCC-528	NTPC	TIE BAY - 400KV-SOLAPUR-SOLAPUR-NTPC-3 AND FUTURE at Solapur - 400KV	C	Preventative Maintenance Activities of equipment	05-Mar-20	9:00	06-Mar-20	18:00
241	PLANNED	OCC-528	REGL	Tie Bay - 400KV/21KV REGL-GT-1 AND 400KV-REGL-RAIGARH-PS-1 Line	Daily	Bay : 402 Bay Breaker Maintenance	05-Mar-20	8:00	05-Mar-20	18:00
242	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	PID Testing work.	05-Mar-20	08:00	05-Mar-20	18:00
243	PLANNED	OCC-528	POWERGRID_WR1	765KV-GADARWARA-WARORA-PG-1 L/R@ WARORA-PG - 765KV	D	For Amp Work, Line outage required for isolation & take into service of non	05-Mar-20	9:00	05-Mar-20	18:00

244	PLANNED	OCC-528	MSETCL	220KV-WARDHA-BHUGAON-1	Daily	Routine maintainance work	05-Mar-20	10:00	05-Mar-20	18:00
245	PLANNED	OCC-528	ATIL	400KV-APL-MUNDRA-SAMI-2 FSC@ SAMI	Continuous	1) Health Check up, system Scanning and testing of FSC 2 by OEM (Siemens) representative. 2) Annual Maintenance & testing of FSC 2 & its associated equipments	05-Mar-20	9:00	07-Mar-20	18:00
246	PLANNED	OCC-528	MP_SLDC	400 KV Satna(PG) -Bina (PG)-3	C	For LILO work at 400 KV S/s SAGAR	05-Mar-20	11:00	10-Mar-20	17:00
247	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV PUNE-GIS-FUTURE ICT-3 AND PUNE-GIS - 765KV - BUS 2 at Pune-GIS - 765KV	D	For AMP works i.e DCRM ,CRM ,Timings test	05-Mar-20	9:00	05-Mar-20	18:00
248	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-ORAI-1	D	Tan delta point replacement in R-ph Line reactor at Orai S/S. Proposed by NR-3. A/R OFF of ckt-2 and dia to be kept open at both ends.	06-Mar-20	8:00	06-Mar-20	18:00
249	PLANNED	OCC-528	BDTCL	701 Bay (Main bay Bhopal-Indore line) at Bhopal	D	Annual maitenance work	06-Mar-20	8:30	06-Mar-20	19:00
250	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-RAIGARH-PS-RAIPUR-PS (DURG)-2 AND RAIGARH-PS - 765KV - BUS 2 at RAIGARH-PS - 765KV	D	For AMP works	06-Mar-20	8:30	06-Mar-20	17:00
251	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-SIPAT-BILASPUR-3 AND BILASPUR - 765KV - BUS 1 at Bilaspur - 765KV	D	For AMP (Warrnty period test on CB)	06-Mar-20	9:00	06-Mar-20	18:00
252	PLANNED	OCC-528	POWERGRID_WR1	WARORA-PG - 765KV - BUS 2	D	For Amp Work	06-Mar-20	9:00	06-Mar-20	18:00
253	PLANNED	OCC-528	BDTCL	705 Bay (Tie bay of Dhule-Aurangabad line & ICT-2) at Dhule	D	Annual maitenance work	06-Mar-20	9:00	06-Mar-20	19:00
254	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-KORBA-NTPC-BHILAI-2 AND BHILAI - 400KV - BUS 1 at BHILAI - 400KV	D	AMP works at Bhilai SS	06-Mar-20	9:30	06-Mar-20	17:30
255	PLANNED	OCC-528	POWERGRID_WR2	400KV-SSP-RAJGARH-1 L/R@ RAJGARH - 400KV	D	TESING OF CB AND REACTOR BUSHING	06-Mar-20	10:00	06-Mar-20	17:00
256	PLANNED	OCC-528	GETCO	400 kV-HADALA-VARSANA-1	Daily	For 89A PG Isolator Fix contact replacement work.	06-Mar-20	8:00	06-Mar-20	18:00
257	PLANNED	OCC-528	GETCO	VARSAHA - 400 kV - BUS 1	Daily	For 89A PG Isolator Fix contact replacement work of Hadala line.	06-Mar-20	8:00	06-Mar-20	18:00
258	PLANNED	OCC-528	MP_SLDC	400KV-Badnawar-RAJGARH-1	D	For line maintenance work	06-Mar-20	8:00	06-Mar-20	18:00
259	PLANNED	OCC-528	POWERGRID_WR1	400KV-LARA-NTPC-CHAMPA-2	D	FOR LINE AMP WORKS and 400KV-LARA-NTPC-CHAMPA-1 AR to be keep in non auto for safety precautions.	06-Mar-20	8:00	06-Mar-20	18:00
260	PLANNED	OCC-528	POWERGRID_WR1	400KV-DHARAMJAYGARH-BALCO-2	D	For AMP Works	06-Mar-20	8:00	06-Mar-20	18:00
261	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 765KV-BHUJ-BANASKANTHA-1 AND FUTURE at Banaskantha - 765KV	D	AMP work	06-Mar-20	8:00	06-Mar-20	18:00
262	PLANNED	OCC-528	MSETCL	220KV-AURANGABAD-CHITEGAON-1	Daily	Routine maintenance and diagnostic testing work	06-Mar-20	09:00	06-Mar-20	18:00
263	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-RAIPUR-PS (DURG)-RAJNANDGAON-RRWTL-2 AND RAIPUR-PS (DURG) - 765KV - BUS 1 at RAIPUR-PS (DURG) - 765KV	D	For AMP works	06-Mar-20	9:00	06-Mar-20	18:00
264	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-RAIGARH-RAIPUR-4 AND RAIGARH - 400KV - BUS 1 at Raigarh - 400KV	D	For AMP works	06-Mar-20	9:00	06-Mar-20	18:00
265	PLANNED	OCC-528	POWERGRID_WR1	SEONI - 765KV B/R 1	D	For AMP works	06-Mar-20	9:00	06-Mar-20	18:00
266	PLANNED	OCC-528	POWERGRID_WR1	400KV-SOLAPUR-KOLHAPUR L/R @Solapur-400KV	D	For Reactor AMP and PRD gasket replacement works.	06-Mar-20	9:00	06-Mar-20	18:00
267	PLANNED	OCC-528	POWERGRID_WR2	400KV-BHOPAL-MP-DAMOH-1	D	For testing of NIFS system at MPPTCL Bhopal and L/R will be taken into service. Dia to be kept open.	06-Mar-20	9:00	06-Mar-20	18:00
268	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-DEHGAM-NICOL-II-1 AND DEHGAM - 400KV - BUS 2 at DEHGAM - 400KV	D	For AMP Works	06-Mar-20	9:00	06-Mar-20	18:00
269	PLANNED	OCC-528	POWERGRID_WR2	220KV-REWA-RAMNAGAR PAHAD-1	D	For AMP Works. Line Outage is required.	06-Mar-20	9:00	06-Mar-20	18:00
270	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV BUS REACTOR-2 AND SATNA - 400KV - BUS 1 at SATNA - 400KV	D	AMP work	06-Mar-20	9:00	06-Mar-20	18:00
271	PLANNED	OCC-528	POWERGRID_WR2	400KV-KHANDWA-BETUL-2	D	AMP of Line reactor terminal equipments at Betul and line AMP on opportunity.A/R OFF of ckt-1 and dia to be kept open at both ends	06-Mar-20	9:00	06-Mar-20	18:00
272	PLANNED	OCC-528	POWERGRID_WR2	400KV-KHANDWA-BETUL-2 L/R@ BETUL - 400KV	D	For AMP works. Dia to be kept open on both sides.	06-Mar-20	9:00	06-Mar-20	18:00
273	PLANNED	OCC-528	POWERGRID_WR2	400KV-SATNA-BINA-3	D	For taking Line reactor out of service at Bina for FDS Testing. Line will be charged without L/R at Bina end after L/R isolation.	06-Mar-20	9:15	06-Mar-20	9:45
274	PLANNED	OCC-528	POWERGRID_WR2	220KV-DAMOH-DAMOH-MP-1	D	Outage required for Cable replacement between CVT HF point to LMU & LMU to earth for all CVT as per SIR audit observation. Dia to be kept open.	06-Mar-20	10:00	06-Mar-20	11:00
275	PLANNED	OCC-528	MSETCL	MAIN BAY - 400KV-AKOLA-AURANGABAD-1 AND AKOLA - 400KV - BUS 1 at AKOLA - 400KV	Daily	Routine Maintenance & testing work	06-Mar-20	10:00	06-Mar-20	17:00
276	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV PADGHE-PG-ICT-1	D	For AMP OF ICT-1 AT PADGHE GIS	06-Mar-20	10:00	06-Mar-20	17:00
277	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-INDORE-MP-ASOJ-2 AND ASOJ - 400KV - BUS 1 at ASOJ - 400KV	D	For CB AMP work. Line will be in service through TBC BAY at ASOJ.	06-Mar-20	10:00	06-Mar-20	17:00
278	PLANNED	OCC-528	MSETCL	220KV-WARDHA-BADNERA-1	Daily	Routine maintainance work	06-Mar-20	10:00	06-Mar-20	18:00
279	PLANNED	OCC-528	POWERGRID_WR1	400KV-KOLHAPUR GIS-NARENDRA KUDGI-2	D	For Line bay AMP works, Dia should be kept open & AR of 400KV-KOLHAPUR GIS-NARENDRA KUDGI-1 to be kept in Non-auto mode for safety measures.	06-Mar-20	10:00	06-Mar-20	18:00
280	PLANNED	OCC-528	POWERGRID_WR2	220KV-KAKRAPAR 1&2-HALDARWA-1	D	For bay AMP works at GETCO haldarwa by Navsari.	06-Mar-20	10:00	06-Mar-20	18:00
281	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-NAGDA-SHUJALPUR-2 AND SHUJALPUR - 400KV B/R 1 at SHUJALPUR - 400KV	D	AMP WORK	06-Mar-20	10:00	06-Mar-20	18:00
282	PLANNED	OCC-528	EPTCL	400KV-ESSAR MAHAN-BILASPUR-1	Daily	Isolation of 50 MVAR line reactor-1 for maintenance	06-Mar-20	15:00	06-Mar-20	18:00

283	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV PUNE-PG-ICT-2 AND PUNE-PG - 400KV - BUS 2 at PUNE-PG - 400KV	D	For AMP works	06-Mar-20	9:00	06-Mar-20	18:00
284	PLANNED	OCC-528	SLDC CG	220KV-KORBA-BPADAR-2	Continuous	Annual Maintenance Programme.	06-Mar-20	8:00	07-Mar-20	17:30
285	PLANNED	OCC-528	TPL-DGEN	DGEN - 400KV - BUS 2	D	Offline washing of Bus equipments and bus gantry insulators.	06-Mar-20	8:00	07-Mar-20	18:00
286	PLANNED	OCC-528	MP_SLDC	220KV-ICT-2 at 220KV S/s Sukha-MP	C	For bay equipment maintenance and testing work	06-Mar-20	9:00	07-Mar-20	17:00
287	PLANNED	OCC-528	MSETCL	400KV/220KV KHARGHAR-ICT-3	Continuous	For oil filtration work	06-Mar-20	08:00	11-Mar-20	18:00
288	PLANNED	OCC-528	POWERGRID_WR2	400KV-BINA-SATNA-3 L/R@ BINA - 400KV	C	For FDS testing in Line reactor	06-Mar-20	9:15	11-Mar-20	18:00
289	PLANNED	OCC-528	POWERGRID_WR2	BOISAR - 220KV - BUS 1	D	For Amp	06-Mar-20	9:00	06-Mar-20	17:30
290	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-GWALIOR-JAIPUR-1 AND GWALIOR - 765KV - BUS 1 at GWALIOR - 765KV	C	AMP WORKS & Guide Valve Replacement Work	06-Mar-20	8:00	08-Mar-20	17:30
291	PLANNED	OCC-528	RRWTL	765KV-RAIPUR-PS (DURG)-RAJNANDGAON-RRWTL-2	Daily	Annual maintenance of Line equipments	06-Mar-20	10:00	06-Mar-20	18:00
292	PLANNED	OCC-528	POWERGRID_WR1	765KV-DHARAMJAYGARH-RANCHI-2	D	AMP works Line	06-Mar-20	8:00	06-Mar-20	18:00
293	PLANNED	OCC-528	RRWTL	TIE BAY - 765KV-RAJNANDGAON-RRWTL-WARORA-PG-1 AND 765KV-RAIPUR-PS (DURG)-RAJNANDGAON-RRWTL-2 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	06-Mar-20	9:00	06-Mar-20	18:00
294	PLANNED	OCC-528	NTPC SIPAT	TIE BAY - 400KV-SIPAT-RAIPUR-2 LINE AND 400KV-SIPAT-RANCHI-1 LINE at SIPAT - 400KV	C	For PM	06-Mar-20	8:00	07-Mar-20	18:00
295	PLANNED	OCC-528	REGL	Main Bay - REGL - 400KV - Bus 1 AND 400KV/21KV REGL-GT-1	Daily	Bay : 401 Bay Breaker Maintenance	06-Mar-20	8:00	06-Mar-20	18:00
296	PLANNED	OCC-528	RRWTL	MAIN BAY - 765KV-RAIPUR-PS (DURG)-RAJNANDGAON-RRWTL-2 AND RAJNANDGAON-RRWTL - 765KV - BUS 2 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	06-Mar-20	9:00	06-Mar-20	18:00
297	PLANNED	OCC-528	POWERGRID_WR1	765KV-AURANGABAD-PADGHE-PG- L/R@ AURANGABAD - 765KV	D	For AMP works	06-Mar-20	9:00	06-Mar-20	18:00
298	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-CHANDRAPUR-BHADRAWATI-1 AND CHANDRAPUR - 400KV - BUS 1 at CHANDRAPUR - 400KV	D	For AMP works	06-Mar-20	9:00	06-Mar-20	18:00
299	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 765KV-KORADI-III-AKOLA-1 AND KORADI-III - 765KV - BUS 1 at KORADI-III - 765KV	Daily	Maintenance of Circuit breaker.	06-Mar-20	10:00	06-Mar-20	18:00
300	PLANNED	OCC-528	POWERGRID_WR2	220KV-DAMOH-DAMOH-MP-2	D	Outage required for Cable replacement between CVT HF point to LMU & LMU to earth for all CVT as per SIR audit observation. Dia to be kept open.	06-Mar-20	15:00	06-Mar-20	16:00
301	PLANNED	OCC-528	RGPPL	400KV-RGPPL-NEW KOYNA-1	C	Equipment & Relay testing work /402-52 B bkr O/H work	06-Mar-20	9:00	12-Mar-20	18:00
302	PLANNED	OCC-528	POWERGRID_WR1	400KV-LONIKHAND-PUNE-PG-1	D	For AMP works & Replacement of Clamp & connectors	06-Mar-20	9:00	06-Mar-20	18:00
303	PLANNED	OCC-528	NTPC	400KV-KORBA-NTPC-BHILAI-2	D	Bay PM at NTPC korba	06-Mar-20	8:00	07-Mar-20	18:30
304	PLANNED	OCC-528	POWERGRID_WR2	400KV-VADINAR-BACHAU-1	D	For replacemnt of IGR of Pilot String & Tension string of Jack Bus & AMP of Main Bay CB & CT. A/R OFF of ckt-2 and dia to be kept open.	07-Mar-20	8:00	07-Mar-20	18:00
305	PLANNED	OCC-528	POWERGRID_WR2	BACHAU - 400KV - BUS 1	D	For replacemnt of IGR of Pilot String & Tension string of Main Bus & Jack Bus. Outage of 400kV Bhachau-Varsana-1 is also required.	07-Mar-20	8:00	07-Mar-20	18:00
306	PLANNED	OCC-528	POWERGRID_WR2	765KV-VINDHYACHAL(PS)-JABALPUR-1 L/R@ VINDHYACHAL(PS) - 765KV	D	Attending of Oil leakage in R Ph neutral bushing	07-Mar-20	9:00	07-Mar-20	17:30
307	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-INDORE-VADODARA-1 AND INDORE - 765KV - BUS 2 at INDORE - 765KV	D	AMP WORKS	07-Mar-20	9:00	08-Mar-20	18:00
308	PLANNED	OCC-528	POWERGRID_WR1	765KV-RAIGARH-PS-RAIPUR-PS (DURG)-2	D	Line AMP WORKs & 765KV-RAIGARH-PS-RAIPUR-PS (DURG)-1 AR to be keep in non auto mode for safety precautions.	07-Mar-20	7:00	07-Mar-20	18:00
309	PLANNED	OCC-528	GETCO	400 kV-SSP-RAJGARH-2	Daily	PMM work.	07-Mar-20	7:00	07-Mar-20	18:00
310	PLANNED	OCC-528	BDTCL	703 Bay (Main bay ICT-1) at Bhopal	D	Annual maintenance work	07-Mar-20	8:30	07-Mar-20	19:00
311	PLANNED	OCC-528	MSETCL	WARORA - 400KV - BUS 2	Daily	Routine maintenance and diagnostic testing such as CVT tandelta,IR values,isolater maintainance work etc	07-Mar-20	09:00	07-Mar-20	17:00
312	PLANNED	OCC-528	MSETCL	220KV-BOISAR-NALASOPARA-1	Daily	POST MANSON MAINTENANCE WORK	07-Mar-20	09:00	07-Mar-20	17:00
313	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV BOISAR-ICT-2	D	For AMP. Dia to be kept open on both sides.	07-Mar-20	9:00	07-Mar-20	17:30
314	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARDHA-AURANGABAD-1 L/R@ WARDHA - 765KV	D	For Amp Work of Reactor Breaker	07-Mar-20	9:00	07-Mar-20	18:00
315	PLANNED	OCC-528	BDTCL	707 Bay (Main bay Bus Reactor) at Dhule	D	Annual maintenance work	07-Mar-20	9:00	07-Mar-20	19:00
316	PLANNED	OCC-528	POWERGRID_WR2	400KV-SSP-RAJGARH-2 L/R@ RAJGARH - 400KV	D	TESING OF CB AND REACTOR BUSHING	07-Mar-20	10:00	07-Mar-20	17:00
317	PLANNED	OCC-528	POWERGRID_WR2	765KV-VINDHYACHAL(PS)-JABALPUR-1 L/R@ JABALPUR - 765KV	D	AMP WORK of reactor	07-Mar-20	10:00	07-Mar-20	18:00
318	PLANNED	OCC-528	POWERGRID_WR2	765KV-VINDHYACHAL(PS)-JABALPUR-1	D	AMP WORK of reactor at Jabalpur and line AMP on opportunity. A/R OFF of ckt-2 and dia will be kept open at both ends.	07-Mar-20	10:00	07-Mar-20	18:00

319	PLANNED	OCC-528	POWERGRID_WR1	BILASPUR - 400KV - BUS 1	D	Bus Isolator and CVT maintenance work	07-Mar-20	9:00	08-Mar-20	18:00
320	PLANNED	OCC-528	POWERGRID_WR1	BUS COUPLER BAY - PUNE-GIS - 400KV - BUS 1 AND PUNE-GIS - 400KV - BUS 2 at Pune-GIS - 400KV	D	For AMP works i.e DCRM ,CRM ,Timings test	07-Mar-20	9:00	07-Mar-20	18:00
321	PLANNED	OCC-528	GETCO	400 kV Traf.Bus Coupler 400 kV Kasor S/S	Daily	Transfer Bus Maintenance Work	07-Mar-20	8:00	07-Mar-20	18:00
322	PLANNED	OCC-528	GETCO	400 kV Transfer Bus 400 kV Kasor S/S	Daily	Bus Maintenance Work	07-Mar-20	8:00	07-Mar-20	18:00
323	PLANNED	OCC-528	MP_SLDC	220KV-INDORE-INDORE-MP-1	D	For line maintenance work	07-Mar-20	8:00	07-Mar-20	18:00
324	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV DHARAMJAYGARH-ICT-1	D	Spare ICT Rotation works	07-Mar-20	8:00	07-Mar-20	18:00
325	PLANNED	OCC-528	MP_SLDC	220KV-GWALIOR-MAHALGAON-1	D	For line maintenance work	07-Mar-20	9:00	07-Mar-20	17:00
326	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-3 AND FUTURE at Vindhyachal(PS) - 400KV	D	For AMP Works, at Vindhyachal (P)	07-Mar-20	9:00	07-Mar-20	17:30
327	PLANNED	OCC-528	GETCO	400 kV Veloda - Zerda (Kansari) Line	Daily	FOR BAY MAINTENANCE/CONDITIONING MONITORING VELODA END	07-Mar-20	9:00	07-Mar-20	18:00
328	PLANNED	OCC-528	POWERGRID_WR1	400KV-WARDHA-AURANGABAD-1 L/R@ AURANGABAD - 400KV	D	For AMP works, Line outage outage required for isolation & take into service each operation 15 min for non switchable line reactor at Aurangabad end.	07-Mar-20	9:00	07-Mar-20	18:00
329	PLANNED	OCC-528	POWERGRID_WR1	PARLI NEW - 765KV B/R 1	D	For AMP works	07-Mar-20	9:00	07-Mar-20	18:00
330	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - Solapur - 38.5KV STATCOM-2 AND Solapur STATCOM- 38.5KV - Bus 1	D	Bay AMP works.	07-Mar-20	9:00	07-Mar-20	18:00
331	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV/220KV MAPUSA-ICT-3 AND FUTURE at MAPUSA - 400KV	D	For Amp Work	07-Mar-20	9:00	07-Mar-20	18:00
332	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV INDORE-ICT-1 AND INDORE - 400KV - BUS 2 at INDORE - 400KV	D	AMP WORKS	07-Mar-20	9:00	07-Mar-20	18:00
333	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400/220KV ICT-3 AND SATNA - 400KV - BUS 2 at SATNA - 400KV	D	AMP work	07-Mar-20	9:00	07-Mar-20	18:00
334	PLANNED	OCC-528	POWERGRID_WR2	TBC BAY - SHUJALPUR - 220KV - BUS 1 AND FUTURE at SHUJALPUR - 220KV	D	AMP WORK	07-Mar-20	10:00	07-Mar-20	14:00
335	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV PADGHE-PG-ICT-2	D	For AMP OF ICT-2 AT PADGHE GIS	07-Mar-20	10:00	07-Mar-20	17:00
336	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 765KV-TIRODA-KORADI-III-2 AND KORADI-III - 765KV - BUS 1 at KORADI-III - 765KV	Daily	Maintenance of Circuit Breaker.	07-Mar-20	10:00	07-Mar-20	18:00
337	PLANNED	OCC-528	MSETCL	220KV-WARDHA-BHUGAON-1	Daily	Routine maintainance work	07-Mar-20	10:00	07-Mar-20	18:00
338	PLANNED	OCC-528	POWERGRID_WR2	220KV-DAMOH-TIKAMGAD-1	D	Outage required for Cable replacement between CVT HF point to LMU & LMU to earth for all CVT as per SIR audit observation. Dia to be kept open.	07-Mar-20	15:00	07-Mar-20	16:00
339	PLANNED	OCC-528	REGL	Main Bay - REGL - 400KV - Bus 1 AND 400KV/11.5KV REGL-ST-1	Daily	Bay : 404 Bay Breaker Maintenance	07-Mar-20	8:00	07-Mar-20	18:00
340	PLANNED	OCC-528	POWERGRID_WR2	400KV-BHOPAL-MP-DAMOH-2	D	For taking line reactor out of service for installation & commissioning of NIFPS at MPPTCL Bhopal S/S by Itarsi.	07-Mar-20	9:00	07-Mar-20	9:30
341	PLANNED	OCC-528	RRWTL	MAIN BAY - 765KV-RAJNANDGAON-RRWTL-WARORA-PG-2 AND RAJNANDGAON-RRWTL - 765KV - BUS 1 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	07-Mar-20	9:00	07-Mar-20	18:00
342	PLANNED	OCC-528	POWERGRID_WR2	220KV-DAMOH-DAMOH-MP-3	D	Outage required for Cable replacement between CVT HF point to LMU & LMU to earth for all CVT as per SIR audit observation. Dia to be kept open.	07-Mar-20	10:00	07-Mar-20	11:00
343	PLANNED	OCC-528	POWERGRID_WR2	400KV-BHOPAL-DAMOH-2 L/R @ MPPTCL BHOPAL - 400KV	C	For installation & commissioning of NIFPS for line reactor at MPPTCL Bhopal S/S by Itarsi.	07-Mar-20	9:00	11-Mar-20	18:00
344	PLANNED	OCC-528	ATIL	400KV-TIRODA-WARORA-2	Daily	A/R mode to be kept off for attending additional earthing in towers.	07-Mar-20	08:00	25-Mar-20	18:00
345	PLANNED	OCC-528	ATIL	400KV-TIRODA-WARORA-1	Daily	A/R mode to be kept off for attending additional earthing in towers.	07-Mar-20	08:00	25-Mar-20	18:00
346	PLANNED	OCC-528	POWERGRID_WR1	PARLI NEW - 400KV - BUS 2	D	For AMP works	08-Mar-20	9:00	08-Mar-20	18:00
347	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-KORBA-NTPC-BHATAPARA-1 AND 400KV/220KV BHATAPARA-ICT-1 at BHATAPARA - 400KV	D	For AMP works	08-Mar-20	13:00	08-Mar-20	17:00
348	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-KORBA-NTPC-BHATAPARA-1 AND BHATAPARA - 400KV - BUS 1 at BHATAPARA - 400KV	D	For AMP works	08-Mar-20	9:00	08-Mar-20	12:00
349	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-WARDHA-RAIPUR-PS (DURG)-4 AND RAIPUR-PS (DURG) - 765KV - BUS 2 at RAIPUR-PS (DURG) - 765KV	D	For AMP works	08-Mar-20	9:00	08-Mar-20	18:00
350	PLANNED	OCC-528	POWERGRID_WR2	JABALPUR - 765KV - BUS 2	D	AMP WORK	08-Mar-20	10:00	08-Mar-20	18:00
351	PLANNED	OCC-528	POWERGRID_WR2	765KV/400KV BHUJ-ICT-2	D	For RTV coating of 400kV Side equipments	08-Mar-20	8:00	09-Mar-20	18:00
352	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV RAIGARH-PS-ICT-2 AND RAIGARH-PS - 765KV - BUS 1 at RAIGARH-PS - 765KV	D	For AMP works	08-Mar-20	8:30	08-Mar-20	17:00
353	PLANNED	OCC-528	POWERGRID_WR1	765KV-GADARWARA-WARORA-PG-2 L/R@ WARORA-PG - 765KV	D	For Amp Work, Line outage required for isolation & take into service of non switchable LR, each operation 15 min.	08-Mar-20	9:00	08-Mar-20	18:00
354	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	08-Mar-20	07:00	08-Mar-20	18:00
355	PLANNED	OCC-528	MP_SLDC	400KV-Badnawar-RAJGARH-2	D	For line maintenance work	08-Mar-20	8:00	08-Mar-20	18:00
356	PLANNED	OCC-528	BDTCL	704 Bay (Main bay Bhopal-Jabalpur line) at Bhopal	D	Annual maitenance work	08-Mar-20	8:30	08-Mar-20	19:00
357	PLANNED	OCC-528	MSETCL	220KV-TALEGAON-PUNE-PG-1	Daily	Half yearly maintenance, Diagnostic Testing	08-Mar-20	09:00	08-Mar-20	17:00

358	PLANNED	OCC-528	POWERGRID_WR1	400KV-BHADRAWATI-BHILAI-1	D	For AMP works at Bhilai SS & 400kV Raipur-Bhadrawati-1 AR to be keep in non auto mode for safety precautions.	08-Mar-20	9:30	08-Mar-20	17:30
359	PLANNED	OCC-528	POWERGRID_WR1	400KV-RAIGARH-JHARSUGUDA-1	D	FOR LINE AMP WORKS and 400KV-RAIGARH-JHARSUGUDA-3 AR to be keep in non auto for safety precautions.	08-Mar-20	8:00	08-Mar-20	18:00
360	PLANNED	OCC-528	MSETCL	220KV-BOISAR-BOISAR-M-3	Daily	Diagnostic testing of Circuit Breaker.	08-Mar-20	09:00	08-Mar-20	17:00
361	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-AKOLA-AURANGABAD-2 AND AKOLA - 400KV - BUS 1 at Akola - 400KV	C	For Replacement of BHEL CB with GE CB.	08-Mar-20	9:00	13-Mar-20	18:00
362	PLANNED	OCC-528	MSETCL	400KV/220KV AURANGABAD-M (WALUJ)-ICT-1	Continuous	CB Overhauling works	08-Mar-20	09:00	15-Mar-20	17:00
363	PLANNED	OCC-528	POWERGRID_WR2	BACHAU - 400KV - BUS 2	D	For replacemnt of IGR of Pilot String & Tension string of Main Bus & Jack Bus. Outage of 400kV Bhachau-Varsana-1 is also required.	08-Mar-20	8:00	08-Mar-20	18:00
364	PLANNED	OCC-528	MSETCL	400kv Stn. TF No 5 @ C'pur GCR	Continuous	Permission for shifting of 400KV STN T/F-5 bay on TBC-II bay	09-Mar-20	05:00	11-Mar-20	18:00
365	PLANNED	OCC-528	MSETCL	400KV-CHANDRAPUR-GCR-CHANDRAPUR HVDC-2	Continuous	1) For replacement of old damaged quadraple bus conductor of Main Bus-II in HVDC- II and 400KV STN T/F-5 bay section span. 2)Tightening of nut bolts & hardware of Main Bus-II.	09-Mar-20	05:00	11-Mar-20	18:00
366	PLANNED	OCC-528	MSETCL	CHANDRAPUR - 400KV - BUS 2	Continuous	1) For replacement of old damaged quadraple bus conductor of Main Bus-II in HVDC- II and 400KV STN T/F-5 bay section span. 2)Tightening of nut bolts & hardware of Main Bus-II.	09-Mar-20	05:00	11-Mar-20	18:00
367	PLANNED	OCC-528	POWERGRID_WR1	PARLI NEW - 765KV - BUS 1	D	For AMP works	09-Mar-20	9:00	09-Mar-20	18:00
368	PLANNED	OCC-528	POWERGRID_WR2	400KV-BACHAU-CHORANIA-1	D	AMP WORK AT CHORANIYA by Pirana. Line AMP on opportunity. A/R OFF of 400kV Bhachau-Mansar and Mansar-Chorania. Dia to be kept open at both sides.	09-Mar-20	9:00	09-Mar-20	18:00
369	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-BHILAI-BHATAPARA-1 AND BHATAPARA - 400KV - BUS 1 at BHATAPARA - 400KV	D	For AMP works	09-Mar-20	13:00	09-Mar-20	17:00
370	PLANNED	OCC-528	POWERGRID_WR2	765KV-GWALIOR-JAIPUR-1 L/R@ GWALIOR - 765KV	C	AMP WORKS & Guide Valve Replacement Work	09-Mar-20	8:00	10-Mar-20	17:30
371	PLANNED	OCC-528	MSETCL	TAPTHITHANDA - 400KV - BUS 2	Daily	Attending the HotSpot of 408 bay 89B isolator 'R' phase	09-Mar-20	11:00	09-Mar-20	17:00
372	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 765KV-RAIGARH-PS-CHAMPA-1 AND CHAMPA - 765KV - Bus 3 at Champa - 765KV	D	For AMP works	09-Mar-20	9:00	10-Mar-20	17:30
373	PLANNED	OCC-528	POWERGRID_WR1	765KV-RAIGARH-PS-CHAMPA-1	D	FOR LINE AMP WORKS	09-Mar-20	8:00	09-Mar-20	18:00
374	PLANNED	OCC-528	POWERGRID_WR2	BUS COUPLER BAY - GWALIOR - 220KV - BUS 1 AND GWALIOR - 220KV - BUS 2 at GWALIOR - 220KV	D	AMP WORKS	09-Mar-20	8:00	09-Mar-20	17:30
375	PLANNED	OCC-528	POWERGRID_WR1	400KV-RAIGARH-JHARSUGUDA-3	D	FOR LINE AMP WORKS and 400KV-RAIGARH-JHARSUGUDA-1 AR to be keep in non auto for safety precautions.	09-Mar-20	8:00	09-Mar-20	18:00
376	PLANNED	OCC-528	BDTCL	705 Bay (Tie bay Bhopal-jabalpur line & ICT-2) at Bhopal	D	Annual maintenance work	09-Mar-20	8:30	09-Mar-20	19:00
377	PLANNED	OCC-528	POWERGRID_WR2	400KV-KALA-VAPI-2	D	AMP of Terminal equipments at Vapi end and line AMP on opportunity. A/R OFF of ckt-1 and dia to be kept open at both ends.	09-Mar-20	9:00	09-Mar-20	13:00
378	PLANNED	OCC-528	MP_SLDC	220KV-GWALIOR-MAHALGAON-2	D	For line maintenance work	09-Mar-20	9:00	09-Mar-20	17:00
379	PLANNED	OCC-528	MSETCL	BUS COUPLER BAY - KOLHAPUR-MS - 400KV - BUS 1 AND KOLHAPUR-MS - 400KV - BUS 2 at KOLHAPUR-MS - 400KV	Daily	Annual Maintenance Work	09-Mar-20	09:00	09-Mar-20	18:00
380	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-BHADRAWATI-BHADRAWATI HVDC-2 AND BHADRAWATI - 400KV - BUS 2 at BHADRAWATI - 400KV (404)	D	For AMP works	09-Mar-20	9:00	09-Mar-20	18:00
381	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-BILASPUR-SEONI-1 AND SEONI - 765KV - BUS 1 at Seoni - 765KV	D	For AMP works	09-Mar-20	9:00	09-Mar-20	18:00
382	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - Solapur - 38.5KV MSR-1 AND Solapur STATCOM-38.5KV - Bus 1	D	MSR,CB and CT AMP works.	09-Mar-20	9:00	09-Mar-20	18:00
383	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV WARORA-PG-ICT-1 AND WARORA-PG - 400KV - BUS 1 at WARORA-PG - 400KV	D	For Amp Work	09-Mar-20	9:00	09-Mar-20	18:00
384	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-INDORE-PITHAMPUR-2 AND INDORE - 400KV - BUS 1 at INDORE - 400KV	D	AMP WORKS	09-Mar-20	9:00	09-Mar-20	18:00
385	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV/220KV SATNA-ICT-3 AND FUTURE at SATNA - 400KV	D	AMP work	09-Mar-20	9:00	09-Mar-20	18:00
386	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV ITARSI-ICT-2 AND ITARSI - 220KV BUS 1	D	AMP Works. ICT will be in service through TBC.	09-Mar-20	9:00	09-Mar-20	18:00

387	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-BHADRAWATI-RAIPUR-3 AND 400KV-BHADRAWATI-RAIPUR-2 at RAIPUR - 400KV	D	AMP works at Raipur SS	09-Mar-20	9:30	09-Mar-20	17:30
388	PLANNED	OCC-528	POWERGRID_WR2	220KV-DAMOH-SAGAR-1	D	Outage required for Cable replacement between CVT HF point to LMU & LMU to earth for all CVT as per SIR audit observation. Dia to be kept open.	09-Mar-20	10:00	09-Mar-20	11:00
389	PLANNED	OCC-528	TPL-DGEN	400KV/22KV DGEN-GT-2	C	Energization of the Transformer during RSD for Station Aux Power and Routine. Transformer will remain in service.	09-Mar-20	10:00	09-Mar-20	15:00
390	PLANNED	OCC-528	MSETCL	MAIN BAY - 400KV-AKOLA-AURANGABAD-2 AND AKOLA - 400KV - BUS 1 at AKOLA - 400KV	Daily	Routine Maintenance & testing work	09-Mar-20	10:00	09-Mar-20	17:00
391	PLANNED	OCC-528	MSETCL	220KV-WARDHA-WARDHA-M-1	Daily	Routine maintainace work,Disc replacement	09-Mar-20	10:00	09-Mar-20	18:00
392	PLANNED	OCC-528	TPL-DGEN	400KV/22KV DGEN-GT-1	C	De-energization of Transformer for Energy Conservation during RSD. Transformer will remain de-energized and available.	09-Mar-20	11:00	09-Mar-20	15:00
393	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-KALWA-PUNE-PG-1 AND PUNE-PG - 400KV - BUS 1 at PUNE-PG - 400KV	D	For AMP works & Replacement of Clamp & connectors	09-Mar-20	9:00	09-Mar-20	18:00
394	PLANNED	OCC-528	NSPCL	220KV/6.9KV NSPCL-ST-2 AND 220 KV Bay 6	continuous	Yearly maintenance & SAS Upgradation	09-Mar-20	9:00	11-Mar-20	17:00
395	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-WARDHA-AKOLA-1 AND WARDHA - 400KV - BUS 1 at Wardha - 400KV	C	For Replacement of BHEL CB with GE CB.	09-Mar-20	9:00	14-Mar-20	18:00
396	PLANNED	OCC-528	NTPC SIPAT	MAIN BAY - 765KV-SIPAT-BILASPUR-3 AND SIPAT - 765KV - BUS 2 at SIPAT - 765KV	C	For PM	09-Mar-20	8:00	11-Mar-20	18:00
397	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	PID Testing work.	09-Mar-20	08:00	09-Mar-20	18:00
398	PLANNED	OCC-528	TPL-DGEN	DGEN - 400KV B/R 1	D	Offline washing of reactor bay equipments including Reactor Bushing, LA, isolator, CT, breaker etc.	09-Mar-20	8:00	09-Mar-20	18:00
399	PLANNED	OCC-528	REL	400KV-REL-MEDSERA (PGCIL) Line -1	Daily	400kV Line Spacer Fixing & Mainteance Work	09-Mar-20	8:00	14-Mar-20	19:00
400	PLANNED	OCC-528	MSETCL	400KV-KALWA-PADGHE-2	Daily	PID Testing work for line Insulator strings at various locations. Auto-Reclose function to be out of service.	09-Mar-20	09:00	19-Mar-20	17:00
401	PLANNED	OCC-528	POWERGRID_WR1	PARLI NEW - 765KV - BUS 2	D	For AMP works	10-Mar-20	9:00	10-Mar-20	18:00
402	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARDHA-SEONI-2	D	For Amp Work	10-Mar-20	9:00	10-Mar-20	18:00
403	PLANNED	OCC-528	GETCO	400 kV-AMRELI-HADALA-1	Daily	For Silicon compound applying work on Tension loc.	10-Mar-20	8:00	10-Mar-20	18:00
404	PLANNED	OCC-528	GETCO	220 kV-VAPI-VAPI-GUJARAT-1	Daily	Maintenance work	10-Mar-20	8:00	10-Mar-20	18:00
405	PLANNED	OCC-528	MP_SLDC	220KV-INDORE-INDORE-MP-2	D	For line maintenance work	10-Mar-20	8:00	10-Mar-20	18:00
406	PLANNED	OCC-528	POWERGRID_WR2	400KV-VAPI-KAKRAPAR 3&4-1	D	AMP of Terminal equipments at Vapi end and line AMP on opportunity. A/R OFF of ckt-2 and dia to be kept open at both ends.	10-Mar-20	9:00	10-Mar-20	13:00
407	PLANNED	OCC-528	POWERGRID_WR2	220KV-VAPI-KHARADPADA-DNH-1	D	Bullet train line shifting work	10-Mar-20	9:00	10-Mar-20	17:30
408	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV BHADRAWATI-ICT-1 AND BHADRAWATI - 400KV - BUS 2 at BHADRAWATI - 400KV (425)	D	For AMP works	10-Mar-20	9:00	10-Mar-20	18:00
409	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-WARORA-PG-PARLI-2 AND 765KV/400KV WARORA-PG-ICT-1 at WARORA-PG - 400KV	D	For Amp Work	10-Mar-20	9:00	10-Mar-20	18:00
410	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - CHAMPA-HVDC - 400KV-FILTER BANK-3 AND FUTURE at CHAMPA-HVDC - 400KV	D	For AMP works	10-Mar-20	9:00	10-Mar-20	18:00
411	PLANNED	OCC-528	POWERGRID_WR2	220KV-VAPI-MAGARWADA-1	D	Bullet train line shifting work	10-Mar-20	9:00	10-Mar-20	18:00
412	PLANNED	OCC-528	NCA	400KV-SSP-RAJGARH-2	Daily	For CT Testing work by External Agency M/s. ERDA, Vadodara	10-Mar-20	8:00	10-Mar-20	18:00
413	PLANNED	OCC-528	POWERGRID_WR1	400KV-BHILAI-BHATAPARA-1	D	Auto Reclose relay Retrofitting work at Bhilai SS	10-Mar-20	9:30	11-Mar-20	17:30
414	PLANNED	OCC-528	CGPL	400KV-CGPL-BACHAU-1	D	Equipments testing & terminal tightness	10-Mar-20	8:00	11-Mar-20	20:00
415	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-KOLHAPUR GIS-NARENDRA KUDGI-2 AND KOLHAPUR GIS - 400KV - BUS 1 at Kolhapur GIS - 400KV	C	NRV replacement work in 404 Y-ph CT-1 at Kohapur end & 400kV BUS_1 outage also required at the same time.	10-Mar-20	10:00	12-Mar-20	18:00
416	PLANNED	OCC-528	POWERGRID_WR1	KOLHAPUR GIS - 400KV - BUS 1	C	NRV replacement work in 404 Y-ph CT-1	10-Mar-20	10:00	12-Mar-20	18:00
417	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-RAIGARH-PS-CHAMPA-2 AND RAIGARH-PS - 765KV - BUS 2 at RAIGARH-PS - 765KV	D	For AMP works	11-Mar-20	8:30	11-Mar-20	17:00
418	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	11-Mar-20	07:00	11-Mar-20	18:00
419	PLANNED	OCC-528	MSETCL	220KV-PARLI-OSMANABAD-M-1	Daily	Line maintenance	11-Mar-20	08:00	11-Mar-20	16:00
420	PLANNED	OCC-528	MSETCL	220KV-MAHALAXMI(KONALKATTA)-AMONA-1	Daily	Routine Maintenance & Dignostic testing work	11-Mar-20	08:00	11-Mar-20	17:00
421	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV BHUJ-ICT-4	D	FOR CSD FINE TUNNING & RTV COATING. Dia to be kept open on both sides. ICT will be switched multiple times to complete fine tuning works.	11-Mar-20	8:00	11-Mar-20	18:00
422	PLANNED	OCC-528	BDTCL	707 Bay (Main bay Bus Reactor) at Bhopal	D	Annual maintenance work	11-Mar-20	8:30	11-Mar-20	19:00
423	PLANNED	OCC-528	POWERGRID_WR2	400KV-VAPI-KAKRAPAR 3&4-2	D	AMP of Terminal equipments at Vapi end and line AMP on opportunity. A/R OFF of ckt-1 and dia to be kept open at both ends.	11-Mar-20	9:00	11-Mar-20	13:00
424	PLANNED	OCC-528	POWERGRID_WR1	400KV-AURANGABAD-M (WALUJ)-PUNE-GIS-1 LR @ WALUJ	D	For AMP works, Line outage outage required for isolation & take into service each operation 15 min for non switchable line reactor at Aurangabad (Waluj) end.	11-Mar-20	9:00	11-Mar-20	18:00
425	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-BHADRAWATI-BHILAI-1 AND BHADRAWATI - 400KV - BUS 1 at BHADRAWATI - 400KV (415)	D	For AMP works	11-Mar-20	9:00	11-Mar-20	18:00

426	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV/400KV RAIPUR-PS (DURG)-ICT-2 AND FUTURE at RAIPUR-PS (DURG) - 400KV	D	For AMP works	11-Mar-20	9:00	11-Mar-20	18:00
427	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARORA-PG-PARLI NEW-1	D	For Wave trap jumper problem rectification at Warora end & AR of 765KV-WARORA-PG-PARLI NEW-2 to be kept in Non-auto mode for safety measures.	11-Mar-20	9:00	11-Mar-20	18:00
428	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-WARORA-PG-PARLI-1 AND 765KV/400KV WARORA-PG-ICT-2 at WARORA-PG - 400KV	D	For Amp Work	11-Mar-20	9:00	11-Mar-20	18:00
429	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-WARDHA-RAIPUR-PS (DURG)-1 AND 765KV-WARDHA-AURANGABAD-4	D	For Amp work	11-Mar-20	9:00	11-Mar-20	18:00
430	PLANNED	OCC-528	POWERGRID_WR2	400KV-BHOPAL-MP-DAMOH-2	D	For testing of NIFS system at MPPTCL Bhopal and L/R will be taken into service. Dia to be kept open.	11-Mar-20	9:00	11-Mar-20	18:00
431	PLANNED	OCC-528	POWERGRID_WR2	PIRANA - 220KV - TRANSFER BUS 1	D	AMP WORK	11-Mar-20	9:00	11-Mar-20	18:00
432	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV/220KV INDORE-ICT-2 AND 400KV-INDORE-	D	AMP WORKS	11-Mar-20	9:00	11-Mar-20	18:00
433	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 765KV/400KV AKOLA-ICT-1 AND AKOLA - 765KV - BUS 1 at AKOLA - 765KV	Daily	Dew point measurement in circuit breaker.	11-Mar-20	10:00	11-Mar-20	14:00
434	PLANNED	OCC-528	MSETCL	MAIN BAY - 400KV-WARDHA-AKOLA-1 AND AKOLA - 400KV - BUS 2 at AKOLA - 400KV	Daily	Routine Maintenance & testing work	11-Mar-20	10:00	11-Mar-20	17:00
435	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-SOLAPUR-M-1	Daily	Due to frequent tripping of 400kv GRL-SLR S/C LINE Replacement of old string by new one is necessary on urgent basis	11-Mar-20	10:00	11-Mar-20	18:00
436	PLANNED	OCC-528	MSETCL	SOLAPUR-M - 400KV - BUS 2	Daily	Diagnostic Testing	11-Mar-20	10:00	11-Mar-20	18:00
437	PLANNED	OCC-528	MSETCL	220KV-WARDHA-WARDHA-M-1	Daily	Routine maintainace work,Disc replacement	11-Mar-20	10:00	11-Mar-20	18:00
438	PLANNED	OCC-528	POWERGRID_WR2	400KV-SATNA-BINA-3	D	For taking Line reactor into service at Bina end after FDS testing.	11-Mar-20	18:00	11-Mar-20	18:30
439	PLANNED	OCC-528	GETCO	220 kV-BHILAD-VAPI-1	Daily	maintenance work	11-Mar-20	0:00	11-Mar-20	0:00
440	PLANNED	OCC-528	MSETCL	DHULE - SSNNL II	Daily	A/R of DHL-SSNNL-I should be kept in Non-Auto Mode. PID Testing work.	11-Mar-20	08:00	12-Mar-20	18:00
441	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-BINA-GWALIOR-3 AND GWALIOR - 765KV - BUS 2 at GWALIOR - 765KV	C	AMP WORKS & Guide Valve Replacement Work	11-Mar-20	8:00	13-Mar-20	17:30
442	PLANNED	OCC-528	APML	400KV/11.5KV TIRODA-ST-4	Continuous	Maintenance of 400kv Station transformer-4.	11-Mar-20	09:00	13-Mar-20	18:00
443	PLANNED	OCC-528	POWERGRID_WR2	BHUJ - 220KV - BUS 1	C	FOR JUMPER CONNECTION, ERECTION WORK TESTING, RTV COATING & AMP WORK	11-Mar-20	8:00	14-Mar-20	18:00
444	PLANNED	OCC-528	MSETCL	400KV-RGPPL-NEW KOYNA-1	Daily	Cold washing & Routine maint. Work	11-Mar-20	09:00	11-Mar-20	18:00
445	PLANNED	OCC-528	ERPC	765kV Sundergarh-Darmajayagahr-II line	ODB	Line Jumper Modification work from Quad to twin work	11-Mar-20	9:00	11-Mar-20	18:00
446	PLANNED	OCC-528	ERPC	400KV Sundargarh-Raigarh Ckt #1&3	OCB	Tower erection and stringing on diversion part for OPGC MGR Railway	11-Mar-20	08:00	31-Mar-20	18:00
447	PLANNED	OCC-528	ERPC	765 KV Ranchi-Dharmjaygarh TL(CKT-II)	ODB	Power Line Crossing of 765 kV Ranchi Medinipur line under TBCB	11-Mar-20	8:00	12-Feb-20	18:00
448	PLANNED	OCC-528	ERPC	A/R OF 765 KV Ranchi-Dharmjaygarh TL(CKT-I)	ODB	TO FACILITATE THE S/D OF OTHER CKT ON THE SAME TOWER	11-Mar-20	8:00	12-Feb-20	18:00
449	PLANNED	OCC-528	NTPC	400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-2	C	Annual Bay Maintenance of associated Main and Tie Bay at VSTPS	11-Mar-20	8:00	13-Mar-20	18:00
450	PLANNED	OCC-528	NTPC	MAIN BAY - 400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-2 AND VINDHYANCHAL-IV - 400KV - BUS 8 at VINDHYANCHAL-IV - 400KV	C	Annual Bay Maintenance	11-Mar-20	8:00	13-Mar-20	18:00
451	PLANNED	OCC-528	TPL-DGEN	400KV-NAVSARI-DGEN-1	D	Offline washing of Navsari Line 1 equipments including LA, isolator, CT, breaker, EMVT etc.	11-Mar-20	8:00	11-Mar-20	18:00
452	PLANNED	OCC-528	NTPC	TIE BAY - VINDHYANCHAL-IV - 400KV B/R 1 AND 400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-2 at VINDHYANCHAL-IV - 400KV	C	Annual Bay Maintenance	11-Mar-20	8:00	13-Mar-20	18:00
453	PLANNED	OCC-528	MSETCL	220KV-NASIK-NAVSARI-2	D	Replacement of old disc insulator by porcelain long rod, Dignostic testing,broken/flash over string replacement found during monkey patrolling, signature analysis, TLS fixing if issued.	11-Mar-20	09:00	14-Mar-20	18:00
454	PLANNED	OCC-528	POWERGRID_WR2	220KV-VAPI-BHILOSA-DNH-1	C	Bullet train Tower shifting work	11-Mar-20	9:00	20-Mar-20	18:00
455	PLANNED	OCC-528	POWERGRID_WR1	400KV-KHARGHAR-PUNE-PG-1	D	For AMP works	12-Mar-20	9:00	12-Mar-20	18:00
456	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV BHATAPARA-ICT-2 AND BHATAPARA - 400KV - BUS 2 at BHATAPARA - 400KV	D	For AMP works	12-Mar-20	13:00	12-Mar-20	17:00
457	PLANNED	OCC-528	MEGPTCL	KORADI-III - 400KV - BUS 2	Daily	Maintenance of Bus related equipments.	12-Mar-20	09:00	12-Mar-20	18:00
458	PLANNED	OCC-528	CGPL	400KV-CGPL-BACHAU-2	D	Equipments testing & terminal tightness	12-Mar-20	8:00	13-Mar-20	20:00
459	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-RAIGARH-PS-CHAMPA-2 AND RAIGARH-PS - 765KV - BUS 2 at RAIGARH-PS - 765KV	D	For AMP works	12-Mar-20	8:30	12-Mar-20	17:00
460	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-BILASPUR-SEONI-2 AND SEONI - 765KV - BUS 1 at Seoni - 765KV	D	For AMP works	12-Mar-20	9:00	12-Mar-20	18:00
461	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 765KV-CHAMPA-DHARAMJAYGARH-2 AND CHAMPA - 765KV - Bus 3 at Champa - 765KV	D	For AMP works	12-Mar-20	9:00	13-Mar-20	17:30

462	PLANNED	OCC-528	MSETCL	400kV Partial Main Bus-II (from ektuni-2 to ICT-4 section) at 400kV Babhaleshwar SS	Continuous	Bus isolator alignment work for 400kV Kudus-I & 400kV Kudus-II bay at 400kV Babhaleshwar SS	12-Mar-20	8:00	15-Mar-20	18:00
463	PLANNED	OCC-528	GETCO	400 kV-SSP-DHULE-MS-1	Daily	PMM work.	12-Mar-20	7:00	12-Mar-20	18:00
464	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	12-Mar-20	07:00	12-Mar-20	18:00
465	PLANNED	OCC-528	EPTCL	400KV-ESSAR MAHAN-BILASPUR-1	Daily	Restoration of 50 MVAR line reactor & Line maintenance	12-Mar-20	7:30	12-Mar-20	18:00
466	PLANNED	OCC-528	GETCO	400 kV-CHARANKA-VARSANA-1	Daily	For 89B PG Isolator Fix contact replacement work.	12-Mar-20	8:00	12-Mar-20	18:00
467	PLANNED	OCC-528	GETCO	400 kV-AMRELI-HADALA-1	Daily	For Silicon compound applying work on Tension loc.	12-Mar-20	8:00	12-Mar-20	18:00
468	PLANNED	OCC-528	GETCO	VARSAHA - 400 kV - BUS 2	Daily	For 89B PG Isolator Fix contact replacement work of Charanka line	12-Mar-20	8:00	12-Mar-20	18:00
469	PLANNED	OCC-528	MP_SLDC	400KV-INDIRASAGAR-NAGDA-1	D	For line maintenance work	12-Mar-20	8:00	12-Mar-20	18:00
470	PLANNED	OCC-528	POWERGRID_WR1	765KV-DHARAMJAYGARH-RANCHI-1	C	For Rectification of Spacer Cap Open at 59 Span	12-Mar-20	8:00	12-Mar-20	18:00
471	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV DEHGAM-ICT-1	D	Retrofitting of REF relay (From static with Neumerical RET670). Dia to be kept on both sides.	12-Mar-20	8:00	12-Mar-20	18:00
472	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV BHUJ-ICT-5	D	FOR CSD FINE TUNNING & RTV COATING. Dia to be kept open on both sides. ICT will be switched multiple times to complete fine tuning works.	12-Mar-20	8:00	12-Mar-20	18:00
473	PLANNED	OCC-528	BDTCL	708 Bay (Tie bay of Busreactor) at Bhopal	D	Annual maintenance work	12-Mar-20	8:30	12-Mar-20	19:00
474	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-ITARSI-3	D	For taking line reactor out of service for Overhauling works of Reactor at Itarsi.	12-Mar-20	9:00	12-Mar-20	9:15
475	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 220KV-PIRANA-BARJEDI-1 AND PIRANA - 220KV BUS 1 at PIRANA - 220KV	D	AMP WORK	12-Mar-20	9:00	12-Mar-20	13:00
476	PLANNED	OCC-528	POWERGRID_WR2	765KV-SATNA-ORAI-1	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	12-Mar-20	9:00	12-Mar-20	16:00
477	PLANNED	OCC-528	MP_SLDC	220KV-Sabalgarh-MP-Adani	D	For line maintenance work	12-Mar-20	9:00	12-Mar-20	17:00
478	PLANNED	OCC-528	NSPCL	NSPCL - 220KV - BUS 1	Daily	Yearly maintenance	12-Mar-20	9:00	12-Mar-20	17:00
479	PLANNED	OCC-528	POWERGRID_WR1	400KV-AURANGABAD-M (WALUJ)-PUNE-GIS-2 LR @ WALUJ	D	For AMP works, Line outage outage required for isolation & take into service each operation 15 min for non switchable line reactor at Aurangabad (Waluj) end.	12-Mar-20	9:00	12-Mar-20	18:00
480	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-BHADRAWATI-RAIPUR-3 AND 400KV-BHADRAWATI-BHILAI-1 at BHADRAWATI - 400KV (415)	D	For AMP works	12-Mar-20	9:00	12-Mar-20	18:00
481	PLANNED	OCC-528	POWERGRID_WR1	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-1 L/R@ RAIPUR-PS (DURG) - 765KV	D	For AMP works & Warrenty Test	12-Mar-20	9:00	12-Mar-20	18:00
482	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-PUNE-GIS-PARLI-2 AND PARLI - 400KV - BUS 2 at PARLI - 400KV	D	For AMP works	12-Mar-20	9:00	12-Mar-20	18:00
483	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARORA-PG-PARLI NEW-2	D	For Line side equipment AMP works at Warora end & AR of 765KV-WARORA-PG-PARLI NEW-1 to be kept in Non-auto mode for safety measures.	12-Mar-20	9:00	12-Mar-20	18:00
484	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-RAIGARH-RAIGARH-PS-2 AND 400KV-RAIGARH-RAIPUR-4 at Raigarh - 400KV	D	For AMP works	12-Mar-20	9:00	12-Mar-20	18:00
485	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 220KV-MAPUSA-Tuem-2 AND MAPUSA - 220KV - BUS 1 at MAPUSA - 220KV	D	For Amp Work, Presently line is not existing only bay charged at Mapusa end.	12-Mar-20	9:00	12-Mar-20	18:00
486	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-CHAMPA-CHAMPA-HVDC-1 AND CHAMPA - 400KV - BUS 2 at CHAMPA - 400KV	D	For AMP works	12-Mar-20	9:00	12-Mar-20	18:00
487	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-WARDHA-RAIPUR-PS (DURG)-2 AND WARDHA - 765KV - BUS 2	D	For Amp Work	12-Mar-20	9:00	12-Mar-20	18:00
488	PLANNED	OCC-528	POWERGRID_WR2	400KV-SATNA-BINA-4	D	For taking Line reactor out of service at Bina for FDS Testing. Line will be charged without L/R at Bina end after L/R isolation.	12-Mar-20	9:15	12-Mar-20	9:45
489	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV RAIPUR-ICT-2 AND RAIPUR - 220KV - BUS 1 at RAIPUR - 220KV	D	AMP works at Raipur SS	12-Mar-20	9:30	12-Mar-20	17:30
490	PLANNED	OCC-528	MEGPTCL	TIE BAY - 765KV-KORADI-III-AKOLA-1 AND 765KV-AKOLA-EKTUNI-1 at AKOLA - 765KV	Daily	Dew point measurement in circuit breaker.	12-Mar-20	10:00	12-Mar-20	14:00
491	PLANNED	OCC-528	POWERGRID_WR2	BUS COUPLER BAY - SHUJALPUR - 220KV - BUS 1 AND SHUJALPUR - 220KV - BUS 2 at SHUJALPUR - 220KV	D	AMP WORK	12-Mar-20	10:00	12-Mar-20	14:00
492	PLANNED	OCC-528	POWERGRID_WR2	765KV-SATNA-ORAI-1	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	12-Mar-20	16:00	12-Mar-20	17:00
493	PLANNED	OCC-528	GETCO	220 kV-BHILAD-VAPI-2	Daily	maintenance work	12-Mar-20	0:00	12-Mar-20	0:00
494	PLANNED	OCC-528	GETCO	400 kV-ASOJ-CHORANIA-2	Continuous	Breaker pole O/H work by OEM due to erratic DCRM test results at Asoj end.	12-Mar-20	7:00	13-Mar-20	18:00
495	PLANNED	OCC-528	SLDC_CG	220KV-KORBA EAST-BPADAR-3	Continous	Annual Maintenance Programme.	12-Mar-20	8:00	13-Mar-20	17:30

496	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-SEONI-WARDHA-1 AND FUTURE at Seoni - 765KV	C	For AMP works	12-Mar-20	9:00	13-Mar-20	18:00
497	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 765KV-Solapur-Raichur-1 AND Solapur - 765KV - Bus 1 at Solapur - 765KV	C	765kV Siemens make CB Guiding valve replacement works.	12-Mar-20	7:00	14-Mar-20	18:00
498	PLANNED	OCC-528	POWERGRID_WR2	400KV-BINA-SATNA-4 L/R@ BINA - 400KV	C	For FDS testing in Line reactor	12-Mar-20	9:15	16-Mar-20	18:00
499	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-ITARSI-3 L/R@ ITARSI - 400KV	C	For Overhauling works of Reactor.	12-Mar-20	9:00	21-Mar-20	18:00
500	PLANNED	OCC-528	MSETCL	400KV-RGPPL-NEW KOYNA-1	Daily	Cold washing & Routine maint. Work	12-Mar-20	09:00	12-Mar-20	18:00
501	PLANNED	OCC-528	ERPC	765kv Sundargarh-Dharamjaygarh Ckt #1	ODB	TL Maint work	12-Mar-20	08:00	12-Mar-20	18:00
502	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-BHILAI-BHATAPARA-1 AND 400KV/220KV BHATAPARA-ICT-2 at BHATAPARA - 400KV	D	For AMP works	12-Mar-20	9:00	12-Mar-20	12:00
503	PLANNED	OCC-528	NTPC SIPAT	TIE BAY - 765KV/400KV SIPAT-ICT-2 AND SIPAT - 765KV B/R 1 at SIPAT - 765KV	C	For PM	12-Mar-20	8:00	14-Mar-20	18:00
504	PLANNED	OCC-528	TPL-DGEN	400KV/22KV DGEN-GT-3	D	Offline washing of bay equipments including isolator, CT, breaker etc.	12-Mar-20	8:00	12-Mar-20	18:00
505	PLANNED	OCC-528	POWERGRID_WR2	400KV-VAPI-BOISAR-1	D	AMP of Terminal equipments and line AMP on oppportunity and dia to be kept open at both ends.	12-Mar-20	9:00	12-Mar-20	13:00
506	PLANNED	OCC-528	POWERGRID_WR1	WARORA-PG - 765KV B/R 1	D	For Relay testing work	12-Mar-20	9:00	12-Mar-20	18:00
507	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV INDORE-ICT-2 AND INDORE - 400KV - BUS 2 at INDORE - 400KV	D	AMP WORKS	12-Mar-20	9:00	12-Mar-20	18:00
508	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400/38.5KV COUPLING T/F AND SATNA - 400KV BUS 2 at SATNA - 400KV	D	AMP work	12-Mar-20	9:00	12-Mar-20	18:00
509	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV/400KV TAMNAR-ICT-4 AND FUTURE at TAMNAR - 400KV	C	AMP WORKS	12-Mar-20	9:30	12-Mar-20	17:30
510	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-RAIGARH-PS-CHAMPA-2 AND FUTURE at RAIGARH-PS - 765KV at RAIGARH-PS - 765KV	D	For AMP works	13-Mar-20	8:30	13-Mar-20	17:00
511	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-BILASPUR-SEONI-1 AND BILASPUR - 765KV B/R 1	C	For AMP works	13-Mar-20	9:00	14-Mar-20	18:00
512	PLANNED	OCC-528	MSETCL	BUS COUPLER BAY - KARAD - 400KV - BUS 1 AND KARAD - 400KV - BUS 2 at KARAD - 400KV	Daily	Quarterly. Maint. Work & replacement of Y phase Bus-II PG Isolator Blade assembly	13-Mar-20	08:00	13-Mar-20	18:00
513	PLANNED	OCC-528	MSETCL	400KV-CHAKAN-PUNE-PG-1	Daily	Half yearly testing and maintenance activities	13-Mar-20	09:00	13-Mar-20	17:00
514	PLANNED	OCC-528	GETCO	400 kV-SSP-DHULE-MS-2	Daily	PMM work.	13-Mar-20	7:00	13-Mar-20	18:00
515	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	13-Mar-20	07:00	13-Mar-20	18:00
516	PLANNED	OCC-528	MP_SLDC	220KV-BHANPURA-Ranpur-1	D	For line maintenance work	13-Mar-20	8:00	13-Mar-20	18:00
517	PLANNED	OCC-528	POWERGRID_WR1	765KV-DHARJAYGARH-JHARSUGUDA-2 L/R@ DHARAMJAYGARH - 765KV	D	For AMP Works	13-Mar-20	8:00	13-Mar-20	18:00
518	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV DEHGAM-ICT-2	D	Retrofitting of REF relay (From static with Neumerical RET670). Dia to be kept on both sides.	13-Mar-20	8:00	13-Mar-20	18:00
519	PLANNED	OCC-528	POWERGRID_WR1	DHULE-MS - 400KV B/R 1	D	For internal inspection & repair due to Acytelene violation	13-Mar-20	8:30	13-Mar-20	18:00
520	PLANNED	OCC-528	BDTCL	706 Bay (Main bay ICT-2) at Bhopal	D	Annual maintenance work	13-Mar-20	8:30	13-Mar-20	19:00
521	PLANNED	OCC-528	POWERGRID_WR1	TBC Bay (201) at BHATAPARA - 220KV	D	For AMP works	13-Mar-20	9:00	13-Mar-20	17:00
522	PLANNED	OCC-528	MP_SLDC	220KV-SEONI-PG-CHINDWARA-1	D	For line maintenance work	13-Mar-20	9:00	13-Mar-20	18:00
523	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-BHADRAWATI-RAIPUR-3 AND BHADRAWATI - 400KV - BUS 2 at BHADRAWATI - 400KV (407)	D	For AMP works	13-Mar-20	9:00	13-Mar-20	18:00
524	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV RAIPUR-PS (DURG)-ICT-2	D	For AMP works	13-Mar-20	9:00	13-Mar-20	18:00
525	PLANNED	OCC-528	POWERGRID_WR1	RAIGARH - 400KV - BUS 1	D	For AMP works	13-Mar-20	9:00	13-Mar-20	18:00
526	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV WARORA-PG-ICT-2	D	Relay testing work	13-Mar-20	9:00	13-Mar-20	18:00
527	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-WARDHA-NIZAMABAD-2 AND WARDHA - 765KV - BUS 1	D	For Amp Work	13-Mar-20	9:00	13-Mar-20	18:00
528	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - INDORE - 400KV B/R 1 AND INDORE - 400KV - BUS 1 at INDORE - 400KV	D	AMP WORKS	13-Mar-20	9:00	13-Mar-20	18:00
529	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400/38.5KV COUPLING T/F AND FUTURE at SATNA - 400KV	D	AMP work	13-Mar-20	9:00	13-Mar-20	18:00
530	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV TAMNAR-ICT-4 AND TAMNAR - 400KV - BUS 3 at TAMNAR - 400KV	C	AMP WORKS	13-Mar-20	9:30	13-Mar-20	17:30
531	PLANNED	OCC-528	POWERGRID_WR1	TBC BAY - RAIPUR - 220KV - BUS 1 AND FUTURE at RAIPUR - 220KV	D	AMP works at Raipur SS	13-Mar-20	9:30	13-Mar-20	17:30
532	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 765KV-KORADI-III-AKOLA-1 AND AKOLA - 765KV - BUS 2 at AKOLA - 765KV	Daily	Dew point measurement in circuit breaker.	13-Mar-20	10:00	13-Mar-20	14:00
533	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV SHUJALPUR-ICT-1 AND SHUJALPUR - 220KV - BUS 1 at SHUJALPUR - 220KV	D	AMP work. ICT will be in service through TBC.	13-Mar-20	10:00	13-Mar-20	14:00
534	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-SOLAPUR-M-1	Daily	Due to frequent tripping of 400kv GRL-SLR S/C LINE Replacement of old string by new one is necessary on urgent basis	13-Mar-20	10:00	13-Mar-20	18:00
535	PLANNED	OCC-528	MSETCL	220KV-WARDHA-PUSAD-1	Daily	Routine maintainace work	13-Mar-20	10:00	13-Mar-20	18:00
536	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-KOLHAPUR GIS-MAPUSA-2 AND KOLHAPUR GIS - 400KV - BUS 2 at Kolhapur GIS - 400KV	D	For AMP works	13-Mar-20	10:00	13-Mar-20	18:00

537	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-DHARAMJAYGARH-JABALPUR-3 AND JABALPUR - 765KV - BUS 2 at JABALPUR - 765KV	D	AMP WORK	13-Mar-20	10:00	13-Mar-20	18:00
538	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-PADGHE-BOISAR-1 AND PADGHE - 400KV - BUS 1 at PADGHE - 400KV	D	For CT oil samples	13-Mar-20	11:00	13-Mar-20	12:30
539	PLANNED	OCC-528	MSETCL	220KV-AURANGABAD-CHITEGAON-2	Daily	Replacement of relay battery by Company repr.	13-Mar-20	11:00	13-Mar-20	17:00
540	PLANNED	OCC-528	GETCO	220 kV-BHILAD-VAPI-3	Daily	maintenance work	13-Mar-20	0:00	13-Mar-20	0:00
541	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV PUNE-PG-ICT-1 AND PUNE-PG - 220KV - BUS 1 at PUNE-PG - 220KV	D	For AMP works	13-Mar-20	9:00	13-Mar-20	18:00
542	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	A/R of DHL-SSNNL-II should be kept in Non-Auto Mode. PID Testing work.	13-Mar-20	08:00	16-Mar-20	18:00
543	PLANNED	OCC-528	POWERGRID_WR2	400KV-RANCHODPURA-CHORANIA-2	C	FOR CB OVERHAULING WORK at Vadavi by Pirana.	13-Mar-20	9:00	19-Mar-20	18:00
544	PLANNED	OCC-528	POWERGRID_WR1	SOLAPUR - 765KV - BUS 1	D	AMP of Bus and related isolators.	13-Mar-20	9:00	13-Mar-20	18:00
545	PLANNED	OCC-528	TPL-DGEN	400KV/22KV DGEN-GT-1	D	Offline washing of bay equipments including isolator, CT, breaker etc.	13-Mar-20	8:00	13-Mar-20	18:00
546	PLANNED	OCC-528	RRWTL	TIE BAY - 765KV-RAJNANDGAON-RRWTL-WARORA-PG-2 AND 765KV-RAIPUR-PS (DURG)-RAJNANDGAON-RRWTL-1 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	13-Mar-20	9:00	13-Mar-20	18:00
547	PLANNED	OCC-528	TPL-DGEN	400KV/220KV DGEN-ICT-2	C	ICT routine energisation testing during RSD and shutdown for energy conservation after one day energization	13-Mar-20	10:00	14-Mar-20	15:00
548	PLANNED	OCC-528	RGPPPL	400KV-RGPPPL-NAGOTHANE-2	C	Equipment & Relay testing work/ 407-52 A bkr CT (R phase) replacement	13-Mar-20	9:00	19-Mar-20	18:00
549	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV CHAMPA-ICT-6	D	For AMP works	14-Mar-20	9:00	14-Mar-20	17:30
550	PLANNED	OCC-528	CGPL	400KV-CGPL-BACHAU-3	D	Equipments testing & terminal tightness	14-Mar-20	8:00	15-Mar-20	20:00
551	PLANNED	OCC-528	POWERGRID_WR1	BILASPUR - 400KV - BUS 2	D	Bus Isolator and CVT maintenance work	14-Mar-20	9:00	15-Mar-20	18:00
552	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-1	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	14-Mar-20	8:00	14-Mar-20	17:00
553	PLANNED	OCC-528	POWERGRID_WR1	765KV-RAIGARH-PS-TAMNAR-1	C	For Insulator Replacement in all Phases at Loc-127 & Loc-106 Insulator Replacement in Bottom and Middle Phase & 765KV-RAIGARH-PS-TAMNAR-2 AR to be keep in non auto mode for safety precautions.	14-Mar-20	8:00	14-Mar-20	18:00
554	PLANNED	OCC-528	POWERGRID_WR2	765KV-SATNA-GWALIOR-2	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	14-Mar-20	9:00	14-Mar-20	16:00
555	PLANNED	OCC-528	MSETCL	220KV-TELEGAON-PUNE-PG-2	Daily	Half yearly maintenance , Diagnostic Testing	14-Mar-20	09:00	14-Mar-20	17:00
556	PLANNED	OCC-528	MP_SLDC	220KV-Malanpur-Auriya-1	D	For line maintenance work	14-Mar-20	9:00	14-Mar-20	17:00
557	PLANNED	OCC-528	POWERGRID_WR1	BHATAPARA - 220KV - BUS 2	D	For AMP works	14-Mar-20	9:00	14-Mar-20	17:00
558	PLANNED	OCC-528	MSETCL	220KV-WARDHA-BADNERA-1	Daily	For replacement of CC structure.	14-Mar-20	09:00	14-Mar-20	18:00
559	PLANNED	OCC-528	MSETCL	400KV-CHANDRAPUR-GCR-CHANDRAPUR HVDC-1	Daily	For measurement of CB Timing, DCRM and CRM work.	14-Mar-20	09:00	14-Mar-20	18:00
560	PLANNED	OCC-528	POWERGRID_WR1	400KV-DHULE-KHANDWA-1 L/R@ DHULE - 400KV	D	For AMP works, Line outage outage required for isolation & take into service each operation 15 min for non switchable line reactor at Dhule (MSETCL) end.	14-Mar-20	9:00	14-Mar-20	18:00
561	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-PARLI-M-PARLI-1 AND PARLI - 400KV - BUS 2 at PARLI - 400KV	D	For AMP works	14-Mar-20	9:00	14-Mar-20	18:00
562	PLANNED	OCC-528	POWERGRID_WR1	TBC BAY - MAPUSA - 220KV - BUS 1 AND FUTURE at MAPUSA - 220KV	D	For Amp Work	14-Mar-20	9:00	14-Mar-20	18:00
563	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/440KV WARDHA-ICT-1 AND WARDHA - 400KV - BUS 1 at Wardha - 400KV	D	For Amp Work	14-Mar-20	9:00	14-Mar-20	18:00
564	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-INDORE-MP-INDORE-1 AND INDORE - 400KV B/R 1 at INDORE - 400KV	D	AMP WORKS	14-Mar-20	9:00	14-Mar-20	18:00
565	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 220KV-SATNA-MAIHAR-1 AND SATNA - 220KV - BUS 1 at SATNA - 220KV	D	AMP work	14-Mar-20	9:00	14-Mar-20	18:00
566	PLANNED	OCC-528	POWERGRID_WR1	TAMNAR - 765KV - BUS 1	C	AMP WORKS	14-Mar-20	9:30	14-Mar-20	17:30
567	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-SIPAT-RAIPUR-2 AND FUTURE at RAIPUR - 400KV	D	AMP works at Raipur SS	14-Mar-20	9:30	14-Mar-20	17:30
568	PLANNED	OCC-528	MEGPTCL	MAIN BAY - AKOLA - 765KV B/R 1 AND AKOLA - 765KV - BUS 2 at AKOLA - 765KV	Daily	Dew point measurement in circuit breaker.	14-Mar-20	10:00	14-Mar-20	14:00
569	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 765KV-JABALPUR-GADARWARA-1 AND 765KV-BINA-JABALPUR-3 at JABALPUR - 765KV	D	AMP WORK	14-Mar-20	10:00	14-Mar-20	18:00
570	PLANNED	OCC-528	POWERGRID_WR2	765KV-SATNA-GWALIOR-2	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	14-Mar-20	16:00	14-Mar-20	17:00

571	PLANNED	OCC-528	MSETCL	BOISAR-M - 220KV - BUS 1	Continuous	1) A-Bus Isolator maintenance work. 2) A-Bus Pilot string replacemen identified in PID. 3) Bus to isolator jumpers and Main Y-ph Twin Bus conductor(one section) replacement in view of hot spot.	14-Mar-20	06:00	15-Mar-20	18:00
572	PLANNED	OCC-528	POWERGRID_WR2	220KV-KAWAS-VAV-1	D	For NHRCL Diversion Work: Tower Erection. By Navsari.	14-Mar-20	6:00	15-Mar-20	18:00
573	PLANNED	OCC-528	ERPC	765kV Sundargarh-Dharamjaygarh Ckt #4	ODB	TL Maint work	14-Mar-20	08:00	14-Mar-20	18:00
574	PLANNED	OCC-528	MSETCL	400KV-KALWA-PADGHE-2	Daily	Routine Maintenance & Diagnostic Testing	14-Mar-20	07:00	14-Mar-20	18:00
575	PLANNED	OCC-528	RRWTL	MAIN BAY - 765KV-RAIPUR-PS (DURG)-RAJNANDGAON-RRWTL-1 AND RAJNANDGAON-RRWTL - 765KV - BUS 2 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	14-Mar-20	9:00	14-Mar-20	18:00
576	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-LONIKHAND-II-1	Daily	CVT Testing Work, Bay Maint Work	14-Mar-20	09:00	14-Mar-20	18:00
577	PLANNED	OCC-528	MSETCL	EKTUNI - 765KV B/R 1	Daily	Tan-Delta & Capacitance measurement of 3*80Mvar Bus Reactor Bushings.	14-Mar-20	09:00	14-Mar-20	18:00
578	PLANNED	OCC-528	TPL-DGEN	DGEN - 400KV - TRANSFER BUS 1	C	Offline washing of Bus equipments and bus gantry insulators.	14-Mar-20	8:00	16-Mar-20	18:00
579	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - BHATAPARA - 400KV B/R 1 AND BHATAPARA - 400KV - BUS 2 at BHATAPARA - 400KV	D	For AMP works	15-Mar-20	9:00	15-Mar-20	12:00
580	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - BHATAPARA - 400KV B/R 1 AND FUTURE at BHATAPARA - 400KV	D	For AMP works	15-Mar-20	13:00	15-Mar-20	17:00
581	PLANNED	OCC-528	POWERGRID_WR1	765KV-SOLAPUR-PARLI NEW-1	D	For Line side equipment AMP works at Solapur end & AR of 765KV-SOLAPUR-PARLI NEW-2 to be kept in Non-auto mode for safety measures.	15-Mar-20	9:00	15-Mar-20	18:00
582	PLANNED	OCC-528	POWERGRID_WR1	Tie Bay - 765KV-CHAMPA-DHARAMJAYGARH-2 AND 765KV/400KV CHAMPA-ICT-6 at Champa - 765KV	D	For AMP works	15-Mar-20	9:00	16-Mar-20	17:30
583	PLANNED	OCC-528	MSETCL	TIE BAY - 400KV-PARLI-M-LONIKHAND-II-2 AND FUTURE at LONIKHAND-II - 400KV	Daily	Half yearly maintenance and diagnostic testing.	15-Mar-20	09:00	15-Mar-20	18:00
584	PLANNED	OCC-528	POWERGRID_WR1	400KV-AURANGABAD-M (WALUJ)-PUNE-GIS-1	D	For AMP works of 400kV Aurangabad-1 main bay (410) at Pune-GIS, Line outage required due double main bus scheme at 400kV Pune-GIS end. & 400kV Pune-Aurangabad-2 AR to be keep in non auto mode for safety precautions.	15-Mar-20	9:00	15-Mar-20	18:00
585	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 220KV-TALEGAON-PUNE-PG-1 AND PUNE-PG - 220KV - BUS 1 at PUNE-PG - 220KV	D	For AMP works	15-Mar-20	9:00	15-Mar-20	18:00
586	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-2	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	15-Mar-20	8:00	15-Mar-20	17:00
587	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV BHUJ-ICT-4	D	FOR CSD FINE TUNNING & RTV COATING. Dia to be kept open on both sides. ICT will be switched multiple times to complete fine tuning works.	15-Mar-20	8:00	15-Mar-20	18:00
588	PLANNED	OCC-528	TPL	400KV-PIRANA-T-PIRANA-1	Daily	Bay Tightness work + Tan Delta retesting work	15-Mar-20	8:00	15-Mar-20	19:00
589	PLANNED	OCC-528	POWERGRID_WR1	400KV-WARDHA-AURANGABAD-1 L/R@ WARDHA - 400KV	D	For changing Position of Reactor LA.	15-Mar-20	9:00	15-Mar-20	18:00
590	PLANNED	OCC-528	POWERGRID_WR1	400KV-WARDHA-AURANGABAD-2 L/R@ WARDHA - 400KV	D	For changing Position of Reactor LA.	15-Mar-20	9:00	15-Mar-20	18:00
591	PLANNED	OCC-528	POWERGRID_WR2	BHUJ - 220KV - BUS 2	C	FOR JUMPER CONNECTION, ERECTION WORK TESTING, RTV COATING & AMP WORK	15-Mar-20	8:00	18-Mar-20	18:00
592	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-AKOLA-AURANGABAD-1 AND AKOLA - 400KV - BUS 1 at Akola - 400KV	C	For Replacement of BHEL CB with GE CB.	15-Mar-20	9:00	20-Mar-20	18:00
593	PLANNED	OCC-528	POWERGRID_WR1	TALEGAON - 220KV - BUS 1	D	For AMP works & Replacement of Clamp & connectors	15-Mar-20	9:00	15-Mar-20	18:00
594	PLANNED	OCC-528	POWERGRID_WR1	WARDHA - 765KV - BUS 1	D	For AMP work & Replacement of spacer in Jumper.	16-Mar-20	9:00	16-Mar-20	18:00
595	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-RAIGARH-PS-CHAMPA-2 AND FUTURE at RAIGARH-PS - 765KV at RAIGARH-PS - 765KV	D	For AMP works	16-Mar-20	8:30	16-Mar-20	17:00
596	PLANNED	OCC-528	POWERGRID_WR1	400KV-PUNE-GIS-PARLI-1	D	For AMP works of 400kV Parli-1 main bay (409) at Pune-GIS, Line outage required due double main bus scheme at 400kV Pune-GIS end. & 400kV Pune-Parli-2 AR to be keep in non auto mode for safety precautions.	16-Mar-20	9:00	16-Mar-20	18:00
597	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-TARAPUR 3&4-PADGHE-1 AND PADGHE - 400KV - BUS 1 at PADGHE - 400KV	D	For AMP of Tarapur Padghe 1 Line CVT at MSETCL Padghe SS.	16-Mar-20	10:00	16-Mar-20	17:00
598	PLANNED	OCC-528	CGPL	400KV-CGPL-BACHAU-4	D	Equipments testing & terminal tightness	16-Mar-20	8:00	17-Mar-20	20:00
599	PLANNED	OCC-528	POWERGRID_WR1	765KV-SOLAPUR-PARLI NEW-2	D	For Line side equipment AMP works at Solapur end & AR of 765KV-SOLAPUR-PARLI NEW-1 to be kept in Non-auto mode for safety measures.	16-Mar-20	9:00	16-Mar-20	18:00
600	PLANNED	OCC-528	OGPTL	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-1	D	Annual line maintenance and Jumper Rectification work and ckt-2 AR off	16-Mar-20	7:00	16-Mar-20	18:00
601	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-1	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	16-Mar-20	8:00	16-Mar-20	17:00
602	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV GWALIOR-ICT-3 AND GWALIOR - 400KV - BUS 2 at GWALIOR - 400KV	D	AMP WORKS	16-Mar-20	8:00	16-Mar-20	17:30
603	PLANNED	OCC-528	NCA	ATR Line-1 (CHPH)	Daily	For CT Testing work by External Agency M/s. ERDA, Vadodara & Transformer PM Work.	16-Mar-20	8:00	16-Mar-20	18:00
604	PLANNED	OCC-528	POWERGRID_WR2	DEHGAM - 220KV - BUS 1	D	For AMP Works	16-Mar-20	8:00	16-Mar-20	18:00
605	PLANNED	OCC-528	POWERGRID_WR1	400KV/220KV PARLI-ICT-1	D	For 220kV side CT test.	16-Mar-20	9:00	16-Mar-20	12:00

606	PLANNED	OCC-528	POWERGRID_WR2	220KV-BETUL-BETUL-MP-1	D	For AMP works of Line Terminal Equipments at Betul. Line outage is required.	16-Mar-20	9:00	16-Mar-20	14:00
607	PLANNED	OCC-528	POWERGRID_WR2	765KV-GWALIOR-ORAI-1	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	16-Mar-20	9:00	16-Mar-20	16:00
608	PLANNED	OCC-528	POWERGRID_WR2	BUS COUPLER BAY - VAPI - 220KV - BUS 1 AND FUTURE at VAPI - 220KV	D	For AMP Works. TBC Bay 204.	16-Mar-20	9:00	16-Mar-20	17:00
609	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-AURANGABAD-BOISAR-1 AND BOISAR - 400KV - BUS 1 at BOISAR - 400KV	D	For Bay Amp	16-Mar-20	9:00	16-Mar-20	17:30
610	PLANNED	OCC-528	POWERGRID_WR2	765KV-SATNA-VINDHYACHAL(P5)-1	D	For Line Reactor AMP Works at Vindhyachal and line AMP on opportunity, dia to be kept open at both ends, outage of both L/R and line is also required.	16-Mar-20	9:00	16-Mar-20	17:30
611	PLANNED	OCC-528	POWERGRID_WR1	CHAMPA - 400KV B/R	D	For AMP works	16-Mar-20	9:00	16-Mar-20	17:30
612	PLANNED	OCC-528	MSETCL	400 KV BUSBAR SCHEME (ZIV MAKE) @KORADI	Daily	Relay installation and commissioning	16-Mar-20	09:00	16-Mar-20	18:00
613	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-BHADRAWATI-GWEL-2 AND BHADRAWATI - 400KV - BUS 1 at BHADRAWATI - 400KV (427)	D	For AMP works	16-Mar-20	9:00	16-Mar-20	18:00
614	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-RAIPUR-PS (DURG)-JHARSUGUDA-1 AND RAIPUR-PS (DURG) - 765KV - BUS 1 at RAIPUR-PS (DURG) - 765KV	D	For AMP works	16-Mar-20	9:00	16-Mar-20	18:00
615	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-SOLAPUR-PARLI NEW-2 AND PARLI NEW - 765KV - BUS 2 at PARLI NEW - 765KV	D	For AMP works	16-Mar-20	9:00	16-Mar-20	18:00
616	PLANNED	OCC-528	POWERGRID_WR1	SEONI-PG - 400KV B/R 2	D	For AMP works	16-Mar-20	9:00	16-Mar-20	18:00
617	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV WARORA-PG-ICT-1	D	Relay testing work	16-Mar-20	9:00	16-Mar-20	18:00
618	PLANNED	OCC-528	POWERGRID_WR2	220KV-REWA-RAMNAGAR PAHAD-2	D	For AMP Works. Line Outage is required.	16-Mar-20	9:00	16-Mar-20	18:00
619	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV/400KV INDORE-ICT-1 AND INDORE - 400KV - BUS 1 at INDORE - 400KV	D	AMP WORKS	16-Mar-20	9:00	16-Mar-20	18:00
620	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 220KV -SATNA-KATNI AND SATNA - 220KV - BUS 2 at SATNA - 220KV	D	AMP work	16-Mar-20	9:00	16-Mar-20	18:00
621	PLANNED	OCC-528	POWERGRID_WR1	400KV-DHULE-KHANDWA-2 L/R@ DHULE - 400KV	D	For AMP works, Line outage outage required for isolation & take into service each operation 15 min for non switchable line reactor at Dhule (MSETCL) end.	16-Mar-20	9:00	16-Mar-20	18:00
622	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV/220KV RAIPUR-ICT-2 AND 400KV/220KV RAIPUR-ICT-3 at RAIPUR - 400KV	D	AMP works at Raipur SS	16-Mar-20	9:30	16-Mar-20	17:30
623	PLANNED	OCC-528	MEGPTCL	TIE BAY - 765KV-KORADI-III-AKOLA-2 AND 765KV-AKOLA-EKTUNI-2 at AKOLA - 765KV	Daily	Dew point measurement in circuit breaker.	16-Mar-20	10:00	16-Mar-20	14:00
624	PLANNED	OCC-528	MSETCL	MAIN BAY - 400KV-WARDHA-AKOLA-2 AND AKOLA - 400KV - BUS 2 at AKOLA - 400KV	Daily	Routine Maintenance & testing work	16-Mar-20	10:00	16-Mar-20	17:00
625	PLANNED	OCC-528	MSETCL	BAY NO. 406 @ KUDUS	Daily	Annual Maintenance of bays equipment & Diagnostics Testing Work	16-Mar-20	10:00	16-Mar-20	17:00
626	PLANNED	OCC-528	MSETCL	TIE BAY (405) OF KALA CKT - 1 @ KUDUS	Daily	Annual Maintenance of bays equipment & Diagnostics Testing Work	16-Mar-20	10:00	16-Mar-20	17:00
627	PLANNED	OCC-528	MSETCL	220KV-MUDSHINGI-CHIKKODI-II-1	Daily	Pre-monsoon Maintance i.e. Cold line insulator Cleaning	16-Mar-20	10:00	16-Mar-20	17:00
628	PLANNED	OCC-528	POWERGRID_WR2	400KV-KHARGONE-RAJGARH-1 L/R@ RAJGARH - 400KV	D	TESING OF CB AND REACTOR BUSHING	16-Mar-20	10:00	16-Mar-20	17:00
629	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-JABALPUR-GADARWARA-1 AND JABALPUR - 765KV - BUS 2 at JABALPUR - 765KV	D	AMP WORK	16-Mar-20	10:00	16-Mar-20	18:00
630	PLANNED	OCC-528	POWERGRID_WR2	765KV-GWALIOR-ORAI-1	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	16-Mar-20	16:00	16-Mar-20	17:00
631	PLANNED	OCC-528	POWERGRID_WR2	400KV-SATNA-BINA-4	D	For taking Line reactor into service at Bina end after FDS testing.	16-Mar-20	18:00	16-Mar-20	18:30
632	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 220KV-TALEGAON-PUNE-PG-2 AND PUNE-PG - 220KV - BUS 1 at PUNE-PG - 220KV	D	For AMP works	16-Mar-20	9:00	16-Mar-20	18:00
633	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV/400KV TAMNAR-ICT-3 AND TAMNAR - 765KV	C	modification in 765 kV Siemens make CB guide valve arrangement	16-Mar-20	9:30	18-Mar-20	17:30
634	PLANNED	OCC-528	MP_SLDC	400KV/220KV BINA-MP-ICT-1	C	For Isolator alignment related work and Pre monsoon maintenance and testing work	16-Mar-20	8:00	19-Mar-20	17:00
635	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-WARDHA-AURANGABAD-1 AND 400KV/220KV WARDHA-ICT-2 at Wardha - 400KV	C	For Replacement of BHEL CB with GE CB.	16-Mar-20	9:00	21-Mar-20	18:00
636	PLANNED	OCC-528	MSETCL	400KV/220KV AURANGABAD-M (WALUJ)-ICT-2	Continuous	CB Overhauling works	16-Mar-20	09:00	23-Mar-20	17:00
637	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV PADGHE-GIS AND PUNE-GIS - 765KV - BUS 1 at Pune-GIS - 765KV	D	For AMP works i.e DCRM ,CRM ,Timings test	16-Mar-20	9:00	16-Mar-20	18:00
638	PLANNED	OCC-528	MSETCL	220KV-WARDHA-PUSAD-1	Daily	Routine maintainace work	16-Mar-20	10:00	30-Mar-20	18:00
639	PLANNED	OCC-528	ERPC	400KV RANCHI-SIPAT-II	ODB	FOR ISOLATION OF NON SWITCHABLE L/R AT RANCHI	16-Mar-20	9:30	16-Mar-20	9:50
640	PLANNED	OCC-528	ERPC	400KV RANCHI-SIPAT-II	ODB	FOR TAKING IN SERVICE NON SWITCHABLE L/R AT RANCHI	16-Mar-20	16:40	16-Mar-20	17:00
641	PLANNED	OCC-528	ERPC	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-1	ODB	Annual line maintenance and Jumper Rectification work	16-Mar-20	7:00	17-Mar-20	18:00
642	PLANNED	OCC-528	ERPC	765KV Raipur ckt-1 along with its LR	ODB	MAIN2 RELAY MODIFICATION WORK & ISOLATOR ALLIGNMENT WORK AMP of 712R Bay	16-Mar-20	8::00	16-Mar-20	18:00
643	PLANNED	OCC-528	ERPC	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-2 required A/R in Non-Auto mode	ODB	Annual line maintenance and Jumper Rectification work	16-Mar-20	7:00	17-Mar-20	18:00
644	PLANNED	OCC-528	POWERGRID_WR2	400KV-BACHAU-VARSANA-1	C	For Installation of Line differential protection (Both Main#1 and Main#2) in place of Distance protection	16-Mar-20	8:00	18-Mar-20	18:00

645	PLANNED	OCC-528	NTPC SIPAT	MAIN BAY - 765KV-SIPAT-BILASPUR-2 AND SIPAT - 765KV - BUS 2 at SIPAT - 765KV	C	For PM	16-Mar-20	8:00	18-Mar-20	18:00
646	PLANNED	OCC-528	NTPC	KAWAS - 220KV - BUS 1	C	for bus bar protection retrofitting.	16-Mar-20	9:00	19-Mar-20	19:00
647	PLANNED	OCC-528	REGL	400KV-REGL-RAIGARH-PS-2 Line	Daily	PLCC Maintenance & Testing	16-Mar-20	8:00	16-Mar-20	18:00
648	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV BHUJ-ICT-5	D	FOR CSD FINE TUNNING & RTV COATING. Dia to be kept open on both sides. ICT will be switched multiple times to complete fine tuning works.	16-Mar-20	8:00	16-Mar-20	18:00
649	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV/400KV BANASKANTHA-ICT-2 AND BANASKANTHA - 765KV - BUS 2 at Banaskantha - 765KV	D	AMP work	16-Mar-20	8:00	16-Mar-20	18:00
650	PLANNED	OCC-528	RRWTL	MAIN BAY - 765KV-BILASPUR-RAJNANDGAON-RRWTL-1 AND RAJNANDGAON-RRWTL - 765KV - BUS 2 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	16-Mar-20	9:00	16-Mar-20	18:00
651	PLANNED	OCC-528	ATIL	HVDC POLE-2 - MAIN BAY_10C03A at Mundra	Daily	Annual Maintenance and Testing of Bay equipment. Pole-2 will remain in service.	16-Mar-20	9:00	16-Mar-20	18:00
652	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-WARDHA-KORADI-1 AND 400KV-RAIPUR-WARDHA-1 at Wardha - 400KV	D	For Amp Work	16-Mar-20	9:00	16-Mar-20	18:00
653	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-ITARSI-3	D	For Replacement of Bushing Turret gaskets under overhauling works of Reactor at Itarsi. Line AMP on opportunity. A/R OFF of ckt-4 and dia to be kept open at both sides.	16-Mar-20	9:00	16-Mar-20	18:00
654	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV SHUJALPUR-ICT-2 AND SHUJALPUR - 220KV - BUS 2 at SHUJALPUR - 220KV	D	AMP work. ICT will be in service through TBC.	16-Mar-20	10:00	16-Mar-20	18:00
655	PLANNED	OCC-528	NTPC	220KV-KAWAS-HALDARWA-1	C	for bus bar protection retrofitting.	16-Mar-20	9:00	19-Mar-20	19:00
656	PLANNED	OCC-528	JPTL	400KV-KARAD-JAIGAD-1	Daily	Hotline insulator washing works	16-Mar-20	09:00	19-Mar-20	18:00
657	PLANNED	OCC-528	JPTL	400KV-KARAD-JAIGAD-2	Daily	Hotline insulator washing works	16-Mar-20	09:00	19-Mar-20	18:00
658	PLANNED	OCC-528	NTPC	220KV-KAWAS-NAVSARI-1	C	for bus bar protection retrofitting.	16-Mar-20	9:00	19-Mar-20	19:00
659	PLANNED	OCC-528	NTPC	220KV-KAWAS-HALDARWA-1	C	for bus bar protection retrofitting.Proposed by NTPC	16-Mar-20	9:00	19-Mar-20	19:00
660	PLANNED	OCC-528	NTPC	BUS COUPLER BAY - KAWAS - 220KV - BUS 1 AND KAWAS - 220KV - BUS 2	C	for bus bar protection retrofitting.	16-Mar-20	9:00	20-Mar-20	19:00
661	PLANNED	OCC-528	NTPC	220KV/6.6KV KAWAS-ST-1	C	for bus bar protection retrofitting.	16-Mar-20	9:00	20-Mar-20	19:00
662	PLANNED	OCC-528	REL	400KV-REL-MEDSERA (PGCIL) Line -2	Daily	400kV Line Spacer Fixing & Mainteance Work	16-Mar-20	8:00	21-Mar-20	19:00
663	PLANNED	OCC-528	MSETCL	220KV-TALEGAON-PUNE-PG-1	Daily	For PID testing	16-Mar-20	8:00	27-Mar-20	18:00
664	PLANNED	OCC-528	MSETCL	220KV-TALEGAON-PUNE-PG-2	Daily	For PID testing	16-Mar-20	8:00	27-Mar-20	18:00
665	PLANNED	OCC-528	MSETCL	400KV-DHULE-MS-BABLESHWAR-2	Daily	ON Line PID testing	16-Mar-20	08:00	28-Mar-20	16:00
666	PLANNED	OCC-528	MSETCL	400KV-DHULE-MS-BABLESHWAR-1	Daily	ON Line PID testing	16-Mar-20	08:00	28-Mar-20	16:00
667	PLANNED	OCC-528	MSETCL	400KV-SOLAPUR-M-SOLAPUR-1	Daily	PID Testing of Insulators	16-Mar-20	10:00	31-Mar-20	18:00
668	PLANNED	OCC-528	ERPC	A/R OF 400KV Sundargarh-Raigarh Ckt #1&3	ODB	For PID Testing of Porcelain Insulator. Only Auto reclose	16-Mar-20	08:00	31-Mar-20	18:00
669	PLANNED	OCC-528	POWERGRID_WR1	WARDHA - 765KV - BUS 2	D	For AMP work, Phase CVT Errection.	17-Mar-20	9:00	17-Mar-20	18:00
670	PLANNED	OCC-528	POWERGRID_WR1	RAIGARH-PS - 765KV B/R 2	D	For First time commissioning of CSD	17-Mar-20	8:30	17-Mar-20	17:00
671	PLANNED	OCC-528	MSETCL	400KV-KHARGHAR-PUNE-PG-1	Daily	Line Maintenance & Diagnostic testing work	17-Mar-20	08:00	17-Mar-20	18:00
672	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 765KV/400KV RAIGARH-PS-ICT-1 AND RAIGARH-PS - 765KV B/R 1 at RAIGARH-PS - 765KV	D	For AMP works	17-Mar-20	8:30	17-Mar-20	17:00
673	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-BILASPUR-SEONI-2 AND BILASPUR - 765KV - BUS 1 at Bilaspur - 765KV	D	For AMP works	17-Mar-20	9:00	17-Mar-20	18:00
674	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 765KV-Solapur-Raichur-2 And Solapur - 765KV - Bus 1 at Solapur - 765KV	C	765kV Siemens make CB Guiding valve replacement works.	17-Mar-20	7:00	19-Mar-20	18:00
675	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	17-Mar-20	07:00	17-Mar-20	18:00
676	PLANNED	OCC-528	OGPTL	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-1	D	Annual line maintenance and Jumper Rectification work and ckt-2 AR off	17-Mar-20	7:00	17-Mar-20	18:00
677	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-2	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	17-Mar-20	8:00	17-Mar-20	17:00
678	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV GWALIOR-ICT-2	D	AMP WORKS. Dia to be kept open on both sides.	17-Mar-20	8:00	17-Mar-20	17:30
679	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	A/R of DHL-SSNNL-II should be kept in Non-Auto Mode. PID Testing work.	17-Mar-20	08:00	17-Mar-20	18:00
680	PLANNED	OCC-528	MP_SLDC	400KV-Bhopal-MP-Itarsi-1	D	For line maintenance work	17-Mar-20	8:00	17-Mar-20	18:00
681	PLANNED	OCC-528	MP_SLDC	220KV-KHANDWA-OMKARESHWAR-1	D	For line maintenance work	17-Mar-20	8:00	17-Mar-20	18:00
682	PLANNED	OCC-528	POWERGRID_WR2	DEHGAM - 220KV - BUS 2	D	For AMP Works	17-Mar-20	8:00	17-Mar-20	18:00
683	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-BANASKANTHA-CHITTORGARH-1 AND BANASKANTHA - 765KV - BUS 1 at Banaskantha - 765KV	D	AMP work	17-Mar-20	8:00	17-Mar-20	18:00
684	PLANNED	OCC-528	POWERGRID_WR1	Tie Bay - 400KV-RAIGARH-PS-ATHENA-2 AND 400KV-RAIGARH-PS-RKM-1 at RAIGARH-PS - 400KV	D	For AMP works	17-Mar-20	8:30	17-Mar-20	17:00
685	PLANNED	OCC-528	POWERGRID_WR1	400KV/220KV PARLI-ICT-2	D	For 220kV side CT test.	17-Mar-20	9:00	17-Mar-20	12:00

686	PLANNED	OCC-528	POWERGRID_WR2	220KV-BETUL-BETUL-MP-2	D	For AMP works of Line Terminal Equipments at Betul. Line outage is required.	17-Mar-20	9:00	17-Mar-20	14:00
687	PLANNED	OCC-528	MSETCL	400KV-BABLESHWAR-PADGHE-PG-2	Daily	PID Faulty String replacement work & Relay Testing	17-Mar-20	09:00	17-Mar-20	17:00
688	PLANNED	OCC-528	MSETCL	400KV-WARDHA-WARORA-1	Daily	Routine Maintenance & Dignostic testing work Nut Bolt Tightning work	17-Mar-20	09:00	17-Mar-20	17:00
689	PLANNED	OCC-528	MSETCL	400KV-WARDHA-WARORA-1	Daily	Bus/Line/Tie CT's, CVT Tan delta & Routine Maintenance & Dignostic testing work etc	17-Mar-20	09:00	17-Mar-20	17:00
690	PLANNED	OCC-528	MP_SLDC	220KV-BINA-MP-MAHALGAON-1	D	For bay equipment maintenance and testing work	17-Mar-20	9:00	17-Mar-20	17:00
691	PLANNED	OCC-528	MP_SLDC	220KV-Mehgaon-Auriya-1	D	For line maintenance work	17-Mar-20	9:00	17-Mar-20	17:00
692	PLANNED	OCC-528	POWERGRID_WR2	BUS COUPLER BAY - VAPI - 220KV - BUS 1 AND VAPI - 220KV - BUS 2 at VAPI - 220KV	D	For AMP Works.	17-Mar-20	9:00	17-Mar-20	17:00
693	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-AURANGABAD-BOISAR-1 AND 400KV/220KV BOISAR-ICT-4 at BOISAR - 400KV	D	For Bay Amp	17-Mar-20	9:00	17-Mar-20	17:30
694	PLANNED	OCC-528	POWERGRID_WR2	VINDHYACHAL(PS) - 400KV - BUS 1	D	For adjustment of Bph Bus-1 jumper of Vindhyachal#4 Main Bay at Vindhyachal. Length of the jumper will be reduced for clearance during high wind conditions.	17-Mar-20	9:00	17-Mar-20	17:30
695	PLANNED	OCC-528	MP_SLDC	400KV-SEONI-Kimapur-1	D	For line maintenance work	17-Mar-20	9:00	17-Mar-20	18:00
696	PLANNED	OCC-528	POWERGRID_WR1	765KV-AURANGABAD-SOLAPUR-1 L/R@ AURANGABAD - 765KV	D	For AMP works	17-Mar-20	9:00	17-Mar-20	18:00
697	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-BHADRAWATI-BHADRAWATI HVDC-2 AND 400KV-CHANDRAPUR-BHADRAWATI-1 at BHADRAWATI - 400KV (405)	D	For AMP works	17-Mar-20	9:00	17-Mar-20	18:00
698	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-WARORA-PG-PARLI NEW-2 AND PARLI NEW - 765KV - BUS 1 at PARLI NEW - 765KV	D	For AMP works	17-Mar-20	9:00	17-Mar-20	18:00
699	PLANNED	OCC-528	POWERGRID_WR1	RAIGARH - 400KV - BUS 2	D	For AMP works	17-Mar-20	9:00	17-Mar-20	18:00
700	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-SEONI-BINA-1 AND SEONI - 765KV - BUS 2 at Seoni - 765KV	D	For AMP works	17-Mar-20	9:00	17-Mar-20	18:00
701	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARDHA-AURANGABAD-4 L/R@ WARDHA - 765KV	D	For Amp Work	17-Mar-20	9:00	17-Mar-20	18:00
702	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-WARDHA-WARORA-1 AND WARORA - FUTURE at WARORA - 400KV	D	For Amp Work	17-Mar-20	9:00	17-Mar-20	18:00
703	PLANNED	OCC-528	POWERGRID_WR1	MAPUSA - 220KV - BUS 1	D	For Amp Work	17-Mar-20	9:00	17-Mar-20	18:00
704	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-CHAMPA-CHAMPA-HVDC-1 AND FUTURE at CHAMPA - 400KV	D	For AMP works	17-Mar-20	9:00	17-Mar-20	18:00
705	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-INDORE-KHANDWA-1 AND 400KV/220KV KHANDWA-ICT-3 at KHANDWA - 400KV	D	AMP WORK	17-Mar-20	9:00	17-Mar-20	18:00
706	PLANNED	OCC-528	POWERGRID_WR2	BUS COUPLER BAY - 220KV REWA-BUS-I AND REWA - 220KV - BUS 2at REWA - 220KV	D	For AMP Works	17-Mar-20	9:00	17-Mar-20	18:00
707	PLANNED	OCC-528	POWERGRID_WR2	400KV-INDORE-KHANDWA-2 L/R@ INDORE - 400KV	D	AMP WORKS	17-Mar-20	9:00	17-Mar-20	18:00
708	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 220KV-SATNA-KOTAR AND SATNA - 220KV - BUS 2 at SATNA - 220KV	D	AMP work	17-Mar-20	9:00	17-Mar-20	18:00
709	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-KORADI-SATPURA-1 AND SATPURA - 400KV - BUS 1	D	For AMP works of CB and terminal equipments.	17-Mar-20	9:00	17-Mar-20	18:00
710	PLANNED	OCC-528	POWERGRID_WR2	400kV SATPURA-KORADI	D	For AMP works of CB and terminal equipments at MPPGCL Satpura end. Line AMP on opportunity. Dia to be kept open at both ends.	17-Mar-20	9:00	17-Mar-20	18:00
711	PLANNED	OCC-528	POWERGRID_WR2	BINA - 400KV - BUS 1	D	For AMP of 400 KV Main Bus-1	17-Mar-20	9:15	17-Mar-20	18:00
712	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 220KV-RAIPUR-DOMA-2 AND RAIPUR - 220KV - BUS 1 at RAIPUR - 220KV	D	AMP works at Raipur SS	17-Mar-20	9:30	17-Mar-20	17:30
713	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 765KV-KORADI-III-AKOLA-2 AND AKOLA - 765KV - BUS 2 at AKOLA - 765KV	Daily	Dew point measurement in circuit breaker.	17-Mar-20	10:00	17-Mar-20	14:00
714	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV VADODARA-ICT-1	D	Both side CB AMP work. Dia will be open on both sides.	17-Mar-20	10:00	17-Mar-20	17:00
715	PLANNED	OCC-528	MSETCL	MAIN BAY - 400KV-KALA-KUDUS-2 AND KUDUS - 400KV - BUS 1 at KUDUS - 400KV	Daily	Annual Maintenance of bays equipment & Diagnostics Testing Work	17-Mar-20	10:00	17-Mar-20	18:00
716	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-KOLHAPUR GIS-MAPUSA-1 AND KOLHAPUR GIS - 400KV - BUS 2 at Kolhapur GIS - 400KV	D	For AMP works	17-Mar-20	10:00	17-Mar-20	18:00
717	PLANNED	OCC-528	POWERGRID_WR2	400KV-BINA-SHUJALPUR-1	D	LTE Equipment AMP at SHUJALPUR and line AMP on opportunity. A/R OFF of ckt-2 and dia to be kept open at both ends.	17-Mar-20	10:00	17-Mar-20	18:00
718	PLANNED	OCC-528	POWERGRID_WR1	400KV/220KV PUNE-PG-ICT-2	D	For AMP works	17-Mar-20	9:00	17-Mar-20	18:00
719	PLANNED	OCC-528	GETCO	400 KV-ASOJ-WANAKBORI-1	Continuous	Breaker pole O/H work by OEM due to erratic DCRM test results at Asoj end.	17-Mar-20	7:00	18-Mar-20	18:00
720	PLANNED	OCC-528	POWERGRID_WR1	765KV-DHARJAYGARH-JHARSUGUDA-1 L/R@ DHARAMJAYGARH - 765KV	C	For AMP Works & LA base Replacement works	17-Mar-20	8:00	18-Mar-20	18:00
721	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-BILASPUR-RAJNANDGAON-RRWTL-1 AND BILASPUR - 765KV - BUS 1 at Bilaspur - 765KV	C	For AMP (Warrnty period test on CB)	17-Mar-20	9:00	18-Mar-20	18:00
722	PLANNED	OCC-528	POWERGRID_WR1	400KV-BHADRAWATI-RAIPUR-1	D	For Line AMP works & 400KV-BHADRAWATI-BHILAI-1 AR to be keep in non auto mode for safety precautions.	17-Mar-20	9:00	18-Mar-20	18:00
723	PLANNED	OCC-528	APML	400KV/11.5KV TIRODA-ST-3	Continuous	Maintenance of 400kV Station Transformer-3.	17-Mar-20	09:00	19-Mar-20	18:00
724	PLANNED	OCC-528	KAPS-3&4	400kV KAPS-3&4-Navsari-Circuit-2	D	Bus CB PM Checks (Tie CB is not commissioned yet)	17-Mar-20	9:00	19-Mar-20	19:00
725	PLANNED	OCC-528	ERPC	765KV Raipur ckt-2 along with its LR	ODB	MAIN2 RELAY MODIFICATION WORK & ISOLATOR ALIGNMENT WORK.AMP of 709R Bay	17-Mar-20	8:00	17-Mar-20	18:00

726	PLANNED	OCC-528	NRPC	765 KV AGRA-GWALIOR (PG) CKT-2	D	For enabling M2 LBB function and checking tripping on LBB operation at Agra S/S in Bay Bay as per Scheme	17-Mar-20	08:00	17-Mar-20	18:00
727	PLANNED	OCC-528	NTPC	MAIN BAY - VINDHYANCHAL-IV - 400KV B/R (STAGE-IV/ BAY NO. 415)	C	Annual Bay Maintenance	17-Mar-20	8:00	19-Mar-20	18:00
728	PLANNED	OCC-528	NTPC	TIE BAY - VINDHYANCHAL-IV - 400KV B/R 1 AND 400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-2 at VINDHYANCHAL-IV - 400KV	C	Annual Bay Maintenance	17-Mar-20	8:00	19-Mar-20	18:00
729	PLANNED	OCC-528	REGL	400KV-REGL-RAIGARH-PS-1 Line	Daily	PLCC Maintenance & Testing	17-Mar-20	8:00	17-Mar-20	18:00
730	PLANNED	OCC-528	ATIL	HVDC POLE-2 - TIE BAY_10C03C at Mundra	Daily	Annual Maintenance and Testing of Bay equipment. Pole-2 will remain in service.	17-Mar-20	9:00	17-Mar-20	18:00
731	PLANNED	OCC-528	NTPC	VINDHYACHAL-IV - 400KV B/R	C	Annual Bay Maintenance	17-Mar-20	8:00	19-Mar-20	18:00
732	PLANNED	OCC-528	MSETCL	765KV/400KV EKTUNI-ICT-1	Daily	"1) Tan-Delta & Capacitance measurement of 1500MVA ICT-I Bushings. 2) Erection of removed 400kV RRS Female Arms of Isolator. "	18-Mar-20	09:00	18-Mar-20	18:00
733	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	18-Mar-20	07:00	18-Mar-20	18:00
734	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV RAIGARH-PS-ICT-2	D	For AMP works	18-Mar-20	8:30	18-Mar-20	17:00
735	PLANNED	OCC-528	CGPL	400KV-CGPL-JETPUR-1	D	Equipments testing & terminal tightness	18-Mar-20	8:00	19-Mar-20	20:00
736	PLANNED	OCC-528	MSETCL	765KV/400KV EKTUNI-ICT-1	Daily	"1) Tan-Delta & Capacitance measurement of 1500MVA ICT-I Windings. "	18-Mar-20	09:00	18-Mar-20	18:00
737	PLANNED	OCC-528	POWERGRID_WR1	DURG - 765KV - BUS 1	D	For AMP works	18-Mar-20	9:00	18-Mar-20	18:00
738	PLANNED	OCC-528	POWERGRID_WR2	400KV-MAGARWADA-NAVSARI-1	D	For line and bay AMP Works by Navasri. A/R OFF of ckt-2 and dia to be kept open at both ends.	18-Mar-20	6:00	18-Mar-20	18:00
739	PLANNED	OCC-528	MSETCL	220KV-PARLI-PARLI-M-1	Daily	Line maintenance	18-Mar-20	08:00	18-Mar-20	16:00
740	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-1	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	18-Mar-20	8:00	18-Mar-20	17:00
741	PLANNED	OCC-528	MSETCL	220KV-TILLARI-AMONA-1	Daily	Routine Maintenance & Dignostic testing work	18-Mar-20	08:00	18-Mar-20	17:00
742	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV GWALIOR-ICT-2 AND GWALIOR - 400KV - BUS 2 at GWALIOR - 400KV	D	AMP WORKS	18-Mar-20	8:00	18-Mar-20	17:30
743	PLANNED	OCC-528	MSETCL	220KV-PANDURNA-KALMESHVAR-1	Daily	Routine Maintenance & Dignostic testing work	18-Mar-20	08:00	18-Mar-20	18:00
744	PLANNED	OCC-528	MP_SLDC	220KV-INDORE-UJJAIN-1	D	For line maintenance work	18-Mar-20	8:00	18-Mar-20	18:00
745	PLANNED	OCC-528	NCA	ATR Line-2 (CHPH)	Daily	For CT Testing work by External Agency M/s. ERDA, Vadodara & Transformer PM Work.	18-Mar-20	8:00	18-Mar-20	18:00
746	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV/400KV BANASKANTHA-ICT-1 AND BANASKANTHA - 765KV - BUS 2 at Banaskantha - 765KV	D	AMP work	18-Mar-20	8:00	18-Mar-20	18:00
747	PLANNED	OCC-528	MP_SLDC	220KV Morena-Adani	D	For line maintenance work	18-Mar-20	9:00	18-Mar-20	17:00
748	PLANNED	OCC-528	POWERGRID_WR2	VAPI - 220KV - BUS 1	D	For AMP Works.	18-Mar-20	9:00	18-Mar-20	17:00
749	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV BOISAR-ICT-3 AND BOISAR - 400KV - BUS 2 at BOISAR - 400KV	D	For Bay Amp	18-Mar-20	9:00	18-Mar-20	17:30
750	PLANNED	OCC-528	POWERGRID_WR2	400KV-VINDHYACHAL(PS)-SASAN-1	D	Suspension Insulators (Polymer) installed in 400kV Sasan#1 Line Main / Tie Bay T Point at Vindhychal. Dia to be kept open	18-Mar-20	9:00	18-Mar-20	17:30
751	PLANNED	OCC-528	POWERGRID_WR1	400kv Bus-1 and 400kv Bus--3 Sectionalyzer Bay-425 at Champa PS	D	For AMP works	18-Mar-20	9:00	18-Mar-20	17:30
752	PLANNED	OCC-528	MSETCL	400KV-RGPPL-NAGOTHANE-2	Daily	Cold washing & Routine maint. Work	18-Mar-20	09:00	18-Mar-20	18:00
753	PLANNED	OCC-528	MP_SLDC	220KV-Damoh-SAGAR-1	D	For line maintenance work	18-Mar-20	9:00	18-Mar-20	18:00
754	PLANNED	OCC-528	POWERGRID_WR1	AURANGABAD - 400KV B/R 1	D	For AMP works	18-Mar-20	9:00	18-Mar-20	18:00
755	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV/220KV BHADRAWATI-ICT-1 AND 400KV-BHADRAWATI-GWEL-2 at BHADRAWATI - 400KV (426)	D	For AMP works	18-Mar-20	9:00	18-Mar-20	18:00
756	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-WARORA-PG-PARLI NEW-2 AND FUTURE at PARLI NEW - 765KV	D	For AMP works	18-Mar-20	9:00	18-Mar-20	18:00
757	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - SEONI-PG - 400KV B/R 1 AND SEONI-PG - 400KV - BUS 1 at Seoni - 400KV	D	For AMP works	18-Mar-20	9:00	18-Mar-20	18:00
758	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-WARDHA-WARORA-1 AND WARORA - FUTURE at WARORA - 400KV	D	For Amp Work	18-Mar-20	9:00	18-Mar-20	18:00
759	PLANNED	OCC-528	POWERGRID_WR1	765KV-PUNE-PG-SOLAPUR-1 L/R@ PUNE-PG - 765KV	D	For AMP works i.e DCRM ,CRM ,Timings test	18-Mar-20	9:00	18-Mar-20	18:00
760	PLANNED	OCC-528	POWERGRID_WR2	220KV-REWA-BARSAITA DESH-1	D	For AMP Works	18-Mar-20	9:00	18-Mar-20	18:00
761	PLANNED	OCC-528	POWERGRID_WR2	400KV-INDORE-KHANDWA-1 L/R@ INDORE - 400KV	D	AMP WORKS	18-Mar-20	9:00	18-Mar-20	18:00
762	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400/220KV ICT-3 AND 220KV -SATNA -KOTAR at SATNA - 220KV	D	AMP work	18-Mar-20	9:00	18-Mar-20	18:00
763	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV ITARSI-ICT-1 AND ITARSI - 220KV BUS 1	D	For AMP Works. ICT will be in service through TBC.	18-Mar-20	9:00	18-Mar-20	18:00
764	PLANNED	OCC-528	POWERGRID_WR2	BINA - 400KV - BUS 2	D	For AMP of 400 KV Main Bus-2	18-Mar-20	9:15	18-Mar-20	18:00
765	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 220KV-RAIPUR-DOMA-1 AND RAIPUR - 220KV - BUS 1 at RAIPUR - 220KV	D	AMP works at Raipur SS	18-Mar-20	9:30	18-Mar-20	17:30

766	PLANNED	OCC-528	MSETCL	TIE BAY (402) OF KALA CKT - 2 @ KUDUS	Daily	Annual Maintenance of bays equipment & Diagnostics Testing Work	18-Mar-20	10:00	18-Mar-20	17:00
767	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - RAJGARH - 400KV B/R 1 AND RAJGARH - 400KV - BUS 2 at RAJGARH - 400KV	D	FOR CB AND CT TESTING	18-Mar-20	10:00	18-Mar-20	17:00
768	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV VADODARA-ICT-2	D	Both side CB AMP work. Dia will be open on both sides.	18-Mar-20	10:00	18-Mar-20	17:00
769	PLANNED	OCC-528	MSETCL	220KV-WARDHA-BHUGAON-1	Daily	Routine maintainace work	18-Mar-20	10:00	18-Mar-20	18:00
770	PLANNED	OCC-528	MSETCL	220KV-SOLAPUR-JEUR-1	Daily	Conversion of SSN to DSN	18-Mar-20	10:00	18-Mar-20	18:00
771	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV PUNE-PG-ICT-3 AND PUNE-PG - 400KV - BUS 2 at PUNE-PG - 400KV	D	For AMP works	18-Mar-20	9:00	18-Mar-20	18:00
772	PLANNED	OCC-528	POWERGRID_WR2	400KV-KALA-KUDUS-1	D	For replacement of procelain insulators with polymer CLR. A/R OFF of ckt-2 and dia to be kept open at both ends. Proposed by AM T/L	18-Mar-20	9:00	19-Mar-20	18:00
773	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-SOLAPUR-M-1	Daily	Due to frequent tripping of 400kv GRL-SLR S/C LINE Replacement of old string by new one is necessary on urgent basis	18-Mar-20	10:00	19-Mar-20	18:00
774	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-DEHGAM-GANDHAR-1 AND DEHGAM - 400KV B/R 1 at DEHGAM - 400KV	C	CB retrofitting work	18-Mar-20	8:00	23-Mar-20	18:00
775	PLANNED	OCC-528	ERPC	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-2	ODB	Annual line maintenance and Jumper Rectification work	18-Mar-20	7:00	20-Mar-20	18:00
776	PLANNED	OCC-528	ERPC	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-1 required A/R in Non-Auto mode	ODB	Annual line maintenance and Jumper Rectification work	18-Mar-20	7:00	20-Mar-20	18:00
777	PLANNED	OCC-528	NRPC	765 KV AGRA-GWALIOR (PG) CKT-1	D	For enabling M2 LBB function and checking tripping on LBB operation at Agra S/S in Bay Bay as per Scheme	18-Mar-20	08:00	18-Mar-20	18:00
778	PLANNED	OCC-528	REGL	REGL - 400KV - BUS 2	Daily	Bus Isolator Maintenance & Testing	18-Mar-20	8:00	18-Mar-20	18:00
779	PLANNED	OCC-528	TPL-DGEN	400KV/220KV DGEN-ICT-3	C	ICT routine energisation testing during RSD and shutdown for energy conservation after one day energization	18-Mar-20	10:00	19-Mar-20	15:00
780	PLANNED	OCC-528	MSETCL	765KV/400KV EKTUNI-ICT-2	Daily	"1) Tan-Delta & Capacitance measurement of 1500MVA ICT-II Bushings. 2) Erection of removed 400kv RRS Female Arms of Isolator. "	19-Mar-20	09:00	19-Mar-20	18:00
781	PLANNED	OCC-528	GETCO	400 kV-HADALA-VARSANA-1	Daily	For 89B PG Isolator Fix contact replacement work.	19-Mar-20	8:00	19-Mar-20	18:00
782	PLANNED	OCC-528	GETCO	VARSAANA - 400 kV - BUS 2	Daily	For 89B PG Isolator Fix contact replacement work of Hadala line.	19-Mar-20	8:00	19-Mar-20	18:00
783	PLANNED	OCC-528	MP_SLDC	400KV-SSP-RAJGARH-2	D	For line maintenance work	19-Mar-20	8:00	19-Mar-20	18:00
784	PLANNED	OCC-528	MSETCL	400KV-RGPPL-NAGOTHANE-2	Daily	Cold washing & Routine maint. Work	19-Mar-20	09:00	19-Mar-20	18:00
785	PLANNED	OCC-528	POWERGRID_WR1	765KV-CHAMPA-DHARAMJAYGARH-1	D	For Various Shut down nature defects rectification as broken Insulator replacement,CC ring replacement etc. Insulator broken at location-133 CC ring replacement,bolt fixing:-62,69,40,46 etc. Spacer damper open:-125,137 etc & various other defects	19-Mar-20	8:00	20-Mar-20	18:00
786	PLANNED	OCC-528	OGPTL	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-2	D	Annual line maintenance and Jumper Rectification work and ckt-1 AR off	19-Mar-20	7:00	19-Mar-20	18:00
787	PLANNED	OCC-528	MSETCL	765KV/400KV EKTUNI-ICT-2	Daily	"1) Tan-Delta & Capacitance measurement of 1500MVA ICT-II Windings. "	19-Mar-20	09:00	19-Mar-20	18:00
788	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-2	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	19-Mar-20	8:00	19-Mar-20	17:00
789	PLANNED	OCC-528	MP_SLDC	400KV-Bhopal-MP-Itarsi-2	D	For line maintenance work	19-Mar-20	8:00	19-Mar-20	18:00
790	PLANNED	OCC-528	MP_SLDC	220KV-INDORE-UJJAIN-2	D	For line maintenance work	19-Mar-20	8:00	19-Mar-20	18:00
791	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-BANASKANTHA-CHITTORGARH-2 AND BANASKANTHA - 765KV - BUS 1 at Banaskantha - 765KV	D	AMP work	19-Mar-20	8:00	19-Mar-20	18:00
792	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-GADARWARA-1	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	19-Mar-20	9:00	19-Mar-20	16:00
793	PLANNED	OCC-528	POWERGRID_WR1	BHATAPARA - 400KV B/R 1	D	For AMP works	19-Mar-20	9:00	19-Mar-20	17:00
794	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-AURANGABAD-BOISAR-2 AND 400KV/220KV BOISAR-ICT-3 at BOISAR - 400KV	D	For Bay Amp	19-Mar-20	9:00	19-Mar-20	17:30
795	PLANNED	OCC-528	POWERGRID_WR1	AURANGABAD-STATCOM - 38.5KV - BUS 1 MSC@AURANGABAD-STATCOM	C	For AMP works	19-Mar-20	9:00	19-Mar-20	18:00
796	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV PARLI NEW-ICT-1 AND PARLI NEW - 765KV - BUS 1 at PARLI NEW - 765KV	D	For AMP works	19-Mar-20	9:00	19-Mar-20	18:00
797	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-CHAMPA-CHAMPA-HVDC-2 AND CHAMPA - 400KV - BUS 2 at CHAMPA - 400KV	D	For AMP works	19-Mar-20	9:00	19-Mar-20	18:00
798	PLANNED	OCC-528	POWERGRID_WR1	765KV-PUNE-PG-AURANGABAD	D	For Line & SLR at Pune-GIS AMP works, 765kV Aurangabad-Padghe line AR to be keep in non auto mode to carry out line AMP work for safety precautions.	19-Mar-20	9:00	19-Mar-20	18:00

799	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 220KV-SATNA-CHHATTARPUR-1 AND SATNA - 220KV - BUS 2 at SATNA - 220KV	D	AMP work	19-Mar-20	9:00	19-Mar-20	18:00
800	PLANNED	OCC-528	POWERGRID_WR2	ITARSI - 400KV B/R 2	D	For AMP Works. Dia to be kept open.	19-Mar-20	9:00	19-Mar-20	18:00
801	PLANNED	OCC-528	POWERGRID_WR2	BINA - 220KV - BUS 1	D	For AMP of 220 KV Main Bus-1	19-Mar-20	9:15	19-Mar-20	18:00
802	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-SIPAT-RAIPUR-3 AND RAIPUR - 400KV - BUS 1 at RAIPUR - 400KV	D	AMP works at Raipur SS	19-Mar-20	9:30	19-Mar-20	17:30
803	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-RAJGARH-KASOR-1 AND RAJGARH - 400KV - BUS 1 at RAJGARH - 400KV	D	FOR CB AND CT TESTING	19-Mar-20	10:00	19-Mar-20	17:00
804	PLANNED	OCC-528	POWERGRID_WR2	765KV/400KV VADODARA-ICT-1	D	400kV side CB(407) AMP work. Dia will be open on both sides.	19-Mar-20	10:00	19-Mar-20	17:00
805	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV SHUJALPUR-ICT-1 AND SHUJALPUR - 400KV - BUS 2 at SHUJALPUR - 400KV	D	AMP WORK	19-Mar-20	10:00	19-Mar-20	18:00
806	PLANNED	OCC-528	POWERGRID_WR2	JABALPUR-PS - 400KV - BUS 2	D	AMP WORK	19-Mar-20	10:00	19-Mar-20	18:00
807	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-GADARWARA-1	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for en	19-Mar-20	16:00	19-Mar-20	17:00
808	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV PUNE-PG-ICT-1 AND PUNE-PG - 220KV - BUS 1 at PUNE-PG - 220KV	D	For AMP works	19-Mar-20	9:00	19-Mar-20	18:00
809	PLANNED	OCC-528	RRWTL	TIE BAY - 765KV-BILASPUR-RAJNANDGAON-RRWTL-2 AND FUTURE at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	19-Mar-20	9:00	19-Mar-20	18:00
810	PLANNED	OCC-528	NTPC SIPAT	400KV/132KV SIPAT-IBT-1	C	For PM	19-Mar-20	8:00	20-Mar-20	18:00
811	PLANNED	OCC-528	POWERGRID_WR2	400KV-MAGARWADA-NAVSARI-2	D	For line and bay AMP Works by Navasri. A/R OFF of ckt-1 and dia to be kept open at both ends.	19-Mar-20	6:00	19-Mar-20	18:00
812	PLANNED	OCC-528	REGL	REGL - 400KV - BUS 1	Daily	Bus Isolator Maintenance & Testing	19-Mar-20	8:00	19-Mar-20	18:00
813	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - GWALIOR - 400KV B/R 3 AND GWALIOR - 400KV - BUS 2 at GWALIOR - 400KV	D	AMP WORKS	19-Mar-20	8:00	19-Mar-20	17:30
814	PLANNED	OCC-528	GETCO	220 kV-BACHAU-CHARADVADA-1	Daily	For Bay Maintenance	19-Mar-20	8:00	19-Mar-20	18:00
815	PLANNED	OCC-528	POWERGRID_WR2	VAPI - 220KV - BUS 2	D	For AMP Works.	19-Mar-20	9:00	19-Mar-20	17:00
816	PLANNED	OCC-528	POWERGRID_WR2	VINDHYACHAL(PS) - 400KV - BUS 2	D	For AMP Works, at Vindhychal (P)	19-Mar-20	9:00	19-Mar-20	17:30
817	PLANNED	OCC-528	POWERGRID_WR1	TBC BAY - RAIGARH - 220KV - BUS 1 AND FUTURE at Raigarh - 220KV	D	For AMP works	19-Mar-20	9:00	19-Mar-20	18:00
818	PLANNED	OCC-528	POWERGRID_WR1	WARDHA - 765KV B/R 1	D	For Amp Work	19-Mar-20	9:00	19-Mar-20	18:00
819	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV/400KV INDORE-ICT-2 AND INDORE - 400KV - BUS 1 at INDORE - 400KV	D	AMP WORKS	19-Mar-20	9:00	19-Mar-20	18:00
820	PLANNED	OCC-528	POWERGRID_WR1	765KV-SEONI-WARDHA-2 L/R@ SEONI - 765KV	D	For REACTOR AND REACTOR BAY AMP WORK	19-Mar-20	9:00	20-Mar-20	18:00
821	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV TAMNAR-ICT-3 AND TAMNAR - 765KV - BUS 1 at TAMNAR - 765KV	C	modification in 765 kV Siemens make CB guide valve arrangement and damper replacement works	19-Mar-20	9:30	21-Mar-20	17:30
822	PLANNED	OCC-528	MSETCL	400KV-RGPPL-NEW KOYNA-2	Daily	Cold washing & Routine maint. Work	20-Mar-20	09:00	20-Mar-20	18:00
823	PLANNED	OCC-528	POWERGRID_WR2	220KV-KAWAS-VAV-1	C	Simultaneous S/D for NHSRCL Diversion Work: Tower Erection & Stringing Work	20-Mar-20	6:00	26-Mar-20	18:00
824	PLANNED	OCC-528	POWERGRID_WR2	220KV-KAWAS-VAV-2	C	Simultaneous S/D for NHSRCL Diversion Work: Tower Erection & Stringing Work	20-Mar-20	6:00	26-Mar-20	18:00
825	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	20-Mar-20	07:00	20-Mar-20	18:00
826	PLANNED	OCC-528	GETCO	400 kV-APL-MUNDRA-VARSANA-1	Daily	For 89A PG Isolator Fix contact replacement work.	20-Mar-20	8:00	20-Mar-20	18:00
827	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	A/R of DHL-SSNNL-I should be kept in Non-Auto Mode. PID Testing work.	20-Mar-20	08:00	20-Mar-20	18:00
828	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARDHA-RAIPUR-PS (DURG)-3 L/R@ RAIPUR-PS (DURG) - 765KV	D	For NGR erection Work	20-Mar-20	9:00	20-Mar-20	18:00
829	PLANNED	OCC-528	CGPL	400KV-CGPL-JETPUR-2	D	Equipments testing & terminal tightness	20-Mar-20	8:00	21-Mar-20	20:00
830	PLANNED	OCC-528	OGPTL	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-2	D	Annual line maintenance and Jumper Rectification work and ckt-1 AR off	20-Mar-20	7:00	20-Mar-20	18:00
831	PLANNED	OCC-528	MSETCL	EKTUNI - 765KV B/R 1	Daily	Tan-Delta & Capacitance measurement of 3*80Mvar Bus Reactor Windings.	20-Mar-20	09:00	20-Mar-20	18:00
832	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-1	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	20-Mar-20	8:00	20-Mar-20	17:00
833	PLANNED	OCC-528	POWERGRID_WR2	220KV-GWALIOR-MALANPUR-2	D	Line Terminal Equipment AMP WORKS. Line outage is required.	20-Mar-20	8:00	20-Mar-20	17:30
834	PLANNED	OCC-528	POWERGRID_WR2	400KV-INDORE-MP-INDORE-1	D	For AMP Works by Indore. A/R OFF of ckt-2 and dia to be kept open at both ends.	20-Mar-20	8:00	20-Mar-20	18:00
835	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-BHUJ-BANASKANTHA-1 AND BANASKANTHA - 765KV - BUS 1 at Banaskantha - 765KV	D	AMP work	20-Mar-20	8:00	20-Mar-20	18:00
836	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-GADARWARA-2	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	20-Mar-20	9:00	20-Mar-20	16:00
837	PLANNED	OCC-528	MSETCL	400KV-WARDHA-KORADI-II-1	Daily	Routine Maintenance & Dignostic testing work Nut Bolt Tightning work	20-Mar-20	09:00	20-Mar-20	17:00
838	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-AURANGABAD-BOISAR-2 AND BOISAR - 400KV - BUS 1 at BOISAR - 400KV	D	For Bay Amp	20-Mar-20	9:00	20-Mar-20	17:30

839	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-VINDHYACHAL(PS)-SASAN-1 AND 765KV/400KV VINDHYACHAL(PS)-ICT-1 at Vindhyachal(PS) - 400KV	D	For AMP Works, at Vindhyachal (P)	20-Mar-20	9:00	20-Mar-20	17:30
840	PLANNED	OCC-528	POWERGRID_WR1	400kv Bus-2 and 400kV Bus-4 Sectionalyzer Bay-426 at Champa PS	D	For AMP works	20-Mar-20	9:00	20-Mar-20	17:30
841	PLANNED	OCC-528	MSETCL	BUS COUPLER BAY - CHANDRAPUR - 400KV - BUS 1 AND CHANDRAPUR - 400KV - BUS 2 at CHANDRAPUR - 400KV	Daily	1) For Measurement of Tan delta & capacitance of CT's. 2)Measurement of Timing, Contact resistance and DCRM of Breaker. 3) Maintenance of PG-1 & PG-2 Isolators.	20-Mar-20	09:00	20-Mar-20	18:00
842	PLANNED	OCC-528	MSETCL	765/400KV 500MVA SPARE ICT UNIT @ EKTUNI	Daily	Tan-Delta & Capacitance measurement of 1500MVA ICT-1 Bushings & Winding.	20-Mar-20	09:00	20-Mar-20	18:00
843	PLANNED	OCC-528	MP_SLDC	220KV-Damoh-SAGAR-2	D	For line maintenance work	20-Mar-20	9:00	20-Mar-20	18:00
844	PLANNED	OCC-528	POWERGRID_WR1	AURANGABAD-STATCOM - 38.5KV - BUS 1 MSR 1@AURANGABAD-STATCOM	C	For AMP works	20-Mar-20	9:00	20-Mar-20	18:00
845	PLANNED	OCC-528	POWERGRID_WR1	400KV/220KV BHADRAWATI-ICT-1	D	For AMP works	20-Mar-20	9:00	20-Mar-20	18:00
846	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-PARLI-SOLAPUR-2 AND PARLI - 400KV - BUS 2 at PARLI - 400KV	D	For AMP works	20-Mar-20	9:00	20-Mar-20	18:00
847	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV/400KV PARLI NEW-ICT-1 AND PARLI NEW - 765KV B/R 1 at PARLI NEW - 765KV	D	For AMP works	20-Mar-20	9:00	20-Mar-20	18:00
848	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-WARDHA-NIZAMABAD-1 AND WARDHA - 765KV - BUS 1 at Wardha - 765KV	D	For Amp Work	20-Mar-20	9:00	20-Mar-20	18:00
849	PLANNED	OCC-528	POWERGRID_WR1	MAPUSA - 220KV - BUS 2	D	For Amp Work	20-Mar-20	9:00	20-Mar-20	18:00
850	PLANNED	OCC-528	POWERGRID_WR2	220KV-REWA-BARSAITA DESH-2	D	For AMP Works	20-Mar-20	9:00	20-Mar-20	18:00
851	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 220KV-SATNA-CHHATTARPUR-1 AND FUTURE at SATNA - 220KV	D	AMP work	20-Mar-20	9:00	20-Mar-20	18:00
852	PLANNED	OCC-528	POWERGRID_WR2	ITARSI - 400KV B/R 1	D	For AMP Works. Dia to be kept open.	20-Mar-20	9:00	20-Mar-20	18:00
853	PLANNED	OCC-528	POWERGRID_WR2	BINA - 220KV - BUS 2	D	For AMP of 220 KV Main Bus-2	20-Mar-20	9:15	20-Mar-20	18:00
854	PLANNED	OCC-528	POWERGRID_WR1	400KV-RAIGARH-RAIPUR-3 FSC@ RAIPUR	D	AMP works at Raipur SS	20-Mar-20	9:30	20-Mar-20	17:30
855	PLANNED	OCC-528	POWERGRID_WR2	400KV-KHARGONE-RAJGARH-1	D	FOR LTE MAINTENANCE at Rajgarh. Line AMP on opportunity. A/R OFF of 400KV-KHANDWA-RAJGARH-1 and dia to be kept open at both ends.	20-Mar-20	10:00	20-Mar-20	17:00
856	PLANNED	OCC-528	POWERGRID_WR2	765KV-VADODARA-DHULE-1	D	B phase line reactor AMP work at Vadodara. Line outage is required and dia will be kept open.	20-Mar-20	10:00	20-Mar-20	17:00
857	PLANNED	OCC-528	POWERGRID_WR1	400KV-KOLHAPUR-MS-SOLAPUR-2	D	For Line side bay AMP works at Kolhapur (MSETCL) end.	20-Mar-20	10:00	20-Mar-20	18:00
858	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-NAGDA-SHUJALPUR-2 AND SHUJALPUR - 400KV - BUS 1 at SHUJALPUR - 400KV	D	AMP WORK	20-Mar-20	10:00	20-Mar-20	18:00
859	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-JABALPUR-PS-1	D	Amp of terminal equipment at Jabalpur(P) and line AMP on opportunity. A/R OFF of ckt-2 and dia to be kept open at both ends	20-Mar-20	10:00	20-Mar-20	18:00
860	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-GADARWARA-2	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	20-Mar-20	16:00	20-Mar-20	17:00
861	PLANNED	OCC-528	POWERGRID_WR2	400KV-KALA-KUDUS-2	D	For replacement of porcelain insulators with polymer CLR. A/R OFF of ckt-1 and dia to be kept open at both ends. Proposed by AM T/L	20-Mar-20	9:00	21-Mar-20	18:00
862	PLANNED	OCC-528	MSETCL	AURANGABAD-M (WALUJ) - 400KV - BUS 2	Daily	Routine maintenance	20-Mar-20	09:00	20-Mar-20	17:00
863	PLANNED	OCC-528	GETCO	VARSANA - 400 kV - BUS 1	Daily	For 89A PG Isolator Fix contact replacement work of APL-1 line	20-Mar-20	8:00	20-Mar-20	18:00
864	PLANNED	OCC-528	RRWTL	MAIN BAY - 765KV-BILASPUR-RAJNANDGAON-RRWTL-2 AND RAJNANDGAON-RRWTL - 765KV - BUS 2 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	20-Mar-20	9:00	20-Mar-20	18:00
865	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - WARORA-PG - 765KV B/R 1 AND WARORA-PG - 765KV - BUS 1 at WARORA-PG - 765KV	D	For Amp Work	20-Mar-20	9:00	20-Mar-20	18:00
866	PLANNED	OCC-528	POWERGRID_WR1	765KV-Solapur-Raichur-1 L/R@ Solapur - 765KV	C	For 765kV Siemens make CB Guiding valve replacement works.	20-Mar-20	7:00	22-Mar-20	18:00
867	PLANNED	OCC-528	GETCO	220 kV-BACHAU-CHARADVADA-2	Daily	For Bay Maintenance	20-Mar-20	8:00	20-Mar-20	18:00
868	PLANNED	OCC-528	MSETCL	400KV-WARDHA-KORADI-II-1	Daily	Line Signature Test and line maintenance work	20-Mar-20	09:00	20-Mar-20	18:00
869	PLANNED	OCC-528	MEGPTCL	TIE BAY - AKOLA - 765KV B/R 1 AND 765KV/400KV AKOLA-ICT-1 AT	Daily	Dew point measurement in circuit breaker.	20-Mar-20	10:00	20-Mar-20	14:00
870	PLANNED	OCC-528	RUMS	220KV-REWA-BARSAITA DESH-1	D		20-Mar-20	18:00	22-Mar-20	4:00
871	PLANNED	OCC-528	RUMS	220KV-REWA-BARSAITA DESH-2	D		20-Mar-20	18:00	22-Mar-20	4:00
872	PLANNED	OCC-528	MSETCL	400KV-KHARGHAR-PUNE-PG-1	Daily	PID Testing work for line Insulator strings at various locations. Auto-Reclose function to be out of service.	20-Mar-20	09:00	25-Mar-20	17:00
873	PLANNED	OCC-528	MSETCL	400KV-KALWA-PUNE-PG-1	Daily	PID Testing work for line Insulator strings at various locations. Auto-Reclose function to be out of service.	20-Mar-20	09:00	31-Mar-20	17:00

874	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV ITARSI-ICT-2	D	For AMP Works. Dia to be kept open on both sides.	21-Mar-20	9:00	21-Mar-20	18:00
875	PLANNED	OCC-528	MSETCL	400KV-RGPPL-NEW KOYNA-2	Daily	Cold washing & Routine maint. Work	21-Mar-20	09:00	21-Mar-20	18:00
876	PLANNED	OCC-528	POWERGRID_WR2	765KV-DHARAMJAYGARH-JABALPUR-2	D	Diamond formation of 400 KV Annuppur(MB Power)-JBP line and 765 KV Dharamjaygarh-JBP line. A/R OFF of ckt-1 and dia to be kept open at both ends. Outage of 400kV Jabalpur-MB Power-1 also required.	21-Mar-20	10:00	21-Mar-20	18:00
877	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARDHA-RAIPUR-PS (DURG)-4 L/R@ RAIPUR-PS (DURG) - 765KV	D	For NGR erection Work	21-Mar-20	9:00	21-Mar-20	18:00
878	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - WARORA-PG - 765KV B/R 1 AND 765KV-WARORA-PG-PARLI NEW-2 at WARORA-PG - 765KV	D	For Amp Work	21-Mar-20	9:00	21-Mar-20	18:00
879	PLANNED	OCC-528	OGPTL	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-2	D	Annual line maintenance and Jumper Rectification work and ckt-1 AR off	21-Mar-20	7:00	21-Mar-20	18:00
880	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	21-Mar-20	07:00	21-Mar-20	18:00
881	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-2	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	21-Mar-20	8:00	21-Mar-20	17:00
882	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 765KV-GWALIOR-JAIPUR-2 AND GWALIOR - 765KV B/R 1 at GWALIOR - 765KV	D	AMP WORKS	21-Mar-20	8:00	21-Mar-20	17:30
883	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	A/R of DHL-SSNNL-1 should be kept in Non-Auto Mode. PID Testing work.	21-Mar-20	08:00	21-Mar-20	18:00
884	PLANNED	OCC-528	MP_SLDC	220KV-RAJGARH-DHAR-1	D	For line maintenance work	21-Mar-20	8:00	21-Mar-20	18:00
885	PLANNED	OCC-528	POWERGRID_WR2	400KV-INDORE-MP-INDORE-2	D	For AMP Works by Indore. A/R OFF of ckt-1 and dia to be kept open at both ends.	21-Mar-20	8:00	21-Mar-20	18:00
886	PLANNED	OCC-528	MSETCL	220KV-TELEGAON-PUNE-PG-1	Daily	Half yearly maintenance , Diagnostic Testing	21-Mar-20	09:00	21-Mar-20	17:00
887	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-PADGHE-BOISAR-1 AND BOISAR - 400KV - BUS 1 at BOISAR - 400KV	D	For Bay Amp	21-Mar-20	9:00	21-Mar-20	17:30
888	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-2 AND VINDHYACHAL(PS) - 400KV - BUS 2 at Vindhyachal(PS) - 400KV	D	For CT tan delta	21-Mar-20	9:00	21-Mar-20	17:30
889	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-PARLI-1	Daily	CB Testing work, Bay Maint Work	21-Mar-20	09:00	21-Mar-20	18:00
890	PLANNED	OCC-528	MP_SLDC	400KV-Bhilai-Kirnapur-MP	D	For line maintenance work	21-Mar-20	9:00	21-Mar-20	18:00
891	PLANNED	OCC-528	POWERGRID_WR1	AURANGABAD-STATCOM - 38.5KV - BUS 2 MSR 2@AURANGABAD-STATCOM	C	For AMP works	21-Mar-20	9:00	21-Mar-20	18:00
892	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV/440KV WARDHA-ICT-1 AND 400KV-WARDHA-WARORA-PG-1 at Wardha - 400KV	D	For Amp Work	21-Mar-20	9:00	21-Mar-20	18:00
893	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV SATNA-ICT-1	D	For FDS AND TAN DELTA OF LV BUSHING. Dia will be kept open on both sides.	21-Mar-20	9:00	21-Mar-20	18:00
894	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 765KV-AKOLA-EKTUNI-1 AND AKOLA - 765KV - BUS 1 at AKOLA - 765KV	Daily	Dew point measurement in circuit breaker.	21-Mar-20	10:00	21-Mar-20	14:00
895	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-BINA-SHUJALPUR-1 AND SHUJALPUR - 400KV - BUS 1 at SHUJALPUR - 400KV	D	AMP WORK	21-Mar-20	10:00	21-Mar-20	18:00
896	PLANNED	OCC-528	POWERGRID_WR2	BANASKANTHA - 400KV - BUS 2	D	400kV Radhanesda bays extension construction work	21-Mar-20	8:00	22-Mar-20	18:00
897	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-WARDHA-AKOLA-1 AND AKOLA - 400KV - BUS 2 at Akola - 400KV	C	For Replacement of BHEL CB with GE CB.	21-Mar-20	9:00	27-Mar-20	18:00
898	PLANNED	OCC-528	ERPC	400KV Sundargarh-Raigarh Ckt #4	ODB	TL Maint work	21-Mar-20	08:00	21-Mar-20	18:00
899	PLANNED	OCC-528	MP_SLDC	220KV-ITARSI-MP-ITARSI-1	C	Foe Replacement of 220KV CT Ratio 800/1A to Ratio 1200/1A	21-Mar-20	9:00	21-Mar-20	18:00
900	PLANNED	OCC-528	MSETCL	HVDC 500KV CHANDRAPUR HVDC POLE 1 & 2	Continuous	To rectify bent bracing of newly erected Loc. no. 285 of 500KV Chandrapur-Padghe HVDC Line due to construction of Kochi-Ambezary Dam under ORC scheme.	21-Mar-20	06:00	22-Mar-20	18:00
901	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-PS-MB POWER-1	D	Diamond formation of 400 KV Annuppur(MB Power)-JBP line and 765 KV Dharamjaygarh-JBP line. A/R OFF of ckt-2 and dia to be kept open at both ends. Outage of 765kV Jabalpur-D'garh-1 & 2 also required on 17 & 18/03/2020 resp.	21-Mar-20	9:30	22-Mar-20	18:00
902	PLANNED	OCC-528	RRWTL	RAJNANDGAON-RRWTL - 765KV - BUS 1	Daily	Annual maintenance of Bus-1 equipments	21-Mar-20	9:00	21-Mar-20	18:00
903	PLANNED	OCC-528	GETCO	400 kV-APL-MUNDRA-VARSANA-1	Daily	For 89B PG Isolator Fix contact replacement work.	21-Mar-20	8:00	21-Mar-20	18:00
904	PLANNED	OCC-528	GETCO	VARSAANA - 400 kV - BUS 2	Daily	For 89B PG Isolator Fix contact replacement work of APL-1 line	21-Mar-20	8:00	21-Mar-20	18:00
905	PLANNED	OCC-528	POWERGRID_WR1	400KV-RAIGARH-RAIPUR-4 FSC@ RAIPUR	D	AMP works at Raipur SS	21-Mar-20	9:30	21-Mar-20	17:30
906	PLANNED	OCC-528	POWERGRID_WR2	220KV-KAKRAPAR 1&2-VAPI-1	C	Bullet train Tower shifting work	21-Mar-20	8:00	30-Mar-20	18:00

907	PLANNED	OCC-528	POWERGRID_WR2	220KV-KAKRAPAR 1&2-VAPI-2	C	Bullet train Tower shifting work	21-Mar-20	8:00	30-Mar-20	18:00
908	PLANNED	OCC-528	MSETCL	220KV-TALEGAON-PUNE-PG-2	Daily	Half yearly maintenance , Diagnostic Testing	21-Mar-20	09:00	21-Mar-20	17:00
909	PLANNED	OCC-528	POWERGRID_WR2	400KV-BACHAU-VARSANA-2	C	For Installation of Line differential protection (Both Main#1 and Main#2) in place of Distance protection	22-Mar-20	8:00	24-Mar-20	18:00
910	PLANNED	OCC-528	MSETCL	400KV-RGPNL-NAGOTHANE-1	Daily	Cold washing & Routine maint. Work	22-Mar-20	09:00	22-Mar-20	18:00
911	PLANNED	OCC-528	POWERGRID_WR2	765KV-DHARAMJAYGARH-JABALPUR-1	D	Diamond formation of 400 KV Annuppur(MB Power)-JBP line and 765 KV Dharamjaygarh-JBP line. A/R OFF of ckt-2 and dia to be kept open at both ends.Outage of 400kV Jabalpur-MB Power-1 also required.	22-Mar-20	10:00	22-Mar-20	18:00
912	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	22-Mar-20	07:00	22-Mar-20	18:00
913	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	A/R of DHL-SSNNL-II should be kept in Non-Auto Mode. PID Testing work.	22-Mar-20	08:00	22-Mar-20	18:00
914	PLANNED	OCC-528	CGPL	400KV-CGPL-BACHAU-4	D	Rectfication of SF6 leakage from EMVT	22-Mar-20	8:00	22-Mar-20	20:00
915	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV PARLI NEW-ICT-2 AND PARLI NEW - 765KV - BUS 1 at PARLI NEW - 765KV	D	For AMP works	22-Mar-20	9:00	22-Mar-20	18:00
916	PLANNED	OCC-528	POWERGRID_WR2	220KV-HOSHANGABAD-ITARSI-1	D	For AMP of terminal equipments and Retrofitting of existing LBB relay with Alstom make P442 relay. Line outage is required.	22-Mar-20	9:00	22-Mar-20	18:00
917	PLANNED	OCC-528	OGPTL	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-2	D	Annual line maintenance and Jumper Rectification work and ckt-1 AR off	22-Mar-20	7:00	22-Mar-20	18:00
918	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-2	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	22-Mar-20	8:00	22-Mar-20	17:00
919	PLANNED	OCC-528	TPL	400KV-PIRANA-T-PIRANA-2	Daily	Bay Tightness work + Tan Delta retesting work	22-Mar-20	8:00	22-Mar-20	19:00
920	PLANNED	OCC-528	POWERGRID_WR2	SHUJALPUR - 400KV - BUS 2	D	AMP WORK	22-Mar-20	10:00	22-Mar-20	18:00
921	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	A/R of DHL-SSNNL-II should be kept in Non-Auto Mode. PID Testing work.	22-Mar-20	08:00	22-Mar-20	17:00
922	PLANNED	OCC-528	ERPC	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-2	ODB	Annual line maintenance and Jumper Rectification work	22-Mar-20	7:00	23-Mar-20	18:00
923	PLANNED	OCC-528	ERPC	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-1 required A/R in Non-Auto mode	ODB	Annual line maintenance and Jumper Rectification work	22-Mar-20	7:00	23-Mar-20	18:00
924	PLANNED	OCC-528	NTPC	220KV-KAWAS-VAV-1	C	for bus bar protection retrofitting.	22-Mar-20	9:00	23-Mar-20	19:00
925	PLANNED	OCC-528	NTPC	220KV-KAWAS-VAV-1	C	for bus bar protection retrofitting.Proposed by NTPC	22-Mar-20	9:00	23-Mar-20	19:00
926	PLANNED	OCC-528	RRWTL	RAJNANDGAON-RRWTL - 765KV - BUS 2	Daily	Annual maintenance of Bus-2 equipments	22-Mar-20	9:00	22-Mar-20	18:00
927	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-GWALIOR-MORENA-2 AND FUTURE at GWALIOR - 400KV	D	AMP WORKS	22-Mar-20	8:00	22-Mar-20	17:30
928	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV ITARSI-ICT-2 AND ITARSI - 400KV BUS 2	D	For AMP Works	22-Mar-20	9:00	22-Mar-20	18:00
929	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-LONIKHAND-II-2	Daily	Half yearly maintenance and diagnostic testing.	23-Mar-20	09:00	23-Mar-20	18:00
930	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-BILASPUR-RAJNANDGAON-RRWTL-2 AND BILASPUR - 765KV - BUS 1 at Bilaspur - 765KV	C	For AMP (Warrnty period test on CB)	23-Mar-20	9:00	24-Mar-20	18:00
931	PLANNED	OCC-528	MSETCL	BUS COUPLER BAY - KHARGHAR - 400KV - BUS 1 AND KHARGHAR - 400KV - BUS 2 at KHARGHAR - 400KV	Continuous	Quadruple bus conductor replacement work of 400kV Kalwa and Talegaon	23-Mar-20	08:00	25-Mar-20	18:00
932	PLANNED	OCC-528	MSETCL	BUS COUPLER BAY - BHUSAWAL - 400KV - BUS 1 AND BHUSAWAL - 400KV - BUS 2 at BHUSAWAL - 400KV	Daily	for CT tan delta,CB DCRM & routine bay maintenance work	23-Mar-20	06:00	23-Mar-20	18:00
933	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-WARORA-PG-PARLI NEW-2 AND 765KV-B/R 1-WARORA-PG at WARORA-PG - 765KV	D	For Amp Work	23-Mar-20	9:00	23-Feb-20	18:00
934	PLANNED	OCC-528	OGPTL	765KV-RAIPUR-PS (DURG)-JHARSUGUDA-2	D	Annual line maintenance and Jumper Rectification work and ckt-1 AR off	23-Mar-20	7:00	23-Mar-20	18:00
935	PLANNED	OCC-528	JPNIGRIE	400KV-J P NIGRIE-SATNA-2	D	Fixing of Additional pilot Insulator String and Replacement of Jumpers	23-Mar-20	8:00	23-Mar-20	17:00
936	PLANNED	OCC-528	POWERGRID_WR2	BUS COUPLER BAY - GWALIOR - 220KV - BUS 1 AND GWALIOR - 220KV - BUS 2 at GWALIOR - 220KV	D	AMP WORKS	23-Mar-20	8:00	23-Mar-20	17:30
937	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV/400KV GWALIOR-ICT-2 AND GWALIOR - 765KV - BUS 2 at GWALIOR - 765KV	D	AMP WORKS	23-Mar-20	8:00	23-Mar-20	17:30
938	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-ITARSI-4	D	For taking line reactor out of service for Overhauling works of React	23-Mar-20	9:00	23-Mar-20	9:15
939	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-1	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	23-Mar-20	9:00	23-Mar-20	16:00
940	PLANNED	OCC-528	MSETCL	400KV-EKTUNI-BABLESHWAR-1	Daily	Quarterly Maintenance work & Relay Testing	23-Mar-20	09:00	23-Mar-20	17:00
941	PLANNED	OCC-528	MP_SLDC	220KV-BINA-SHIVPURI-1	D	For line maintenance work	23-Mar-20	9:00	23-Mar-20	17:00
942	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-PADGHE-BOISAR-1 AND 400KV/220KV BOISAR-ICT-1 at BOISAR - 400KV	D	For Bay Amp	23-Mar-20	9:00	23-Mar-20	17:30
943	PLANNED	OCC-528	POWERGRID_WR2	VINDHYACHAL(PS) - 765KV - BUS 1	D	For AMP Works, at Vindhyachal (P)	23-Mar-20	9:00	23-Mar-20	17:30

944	PLANNED	OCC-528	POWERGRID_WR1	400kv KSK-2 Main Bay-442 at Champa PS	D	For AMP works	23-Mar-20	9:00	23-Mar-20	17:30
945	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV/400KV PARLI NEW-ICT-2 AND 765KV-SOLAPUR-PARLI NEW-1 at PARLI NEW - 765KV	D	For AMP works	23-Mar-20	9:00	23-Mar-20	18:00
946	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-SEONI-WARDHA-1 AND SEONI - 765KV - BUS 2 at Seoni - 765KV	D	For AMP works	23-Mar-20	9:00	23-Mar-20	18:00
947	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-WARDHA-AURANGABAD-4 AND WARDHA - 765KV - BUS 1 at Wardha - 765KV	D	For Amp Work	23-Mar-20	9:00	23-Mar-20	18:00
948	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV PUNE-GIS-ICT-1 AND PUNE-GIS - 765KV - BUS 2 at Pune-GIS - 765KV	D	For AMP works i.e DCRM ,CRM ,Timings test	23-Mar-20	9:00	23-Mar-20	18:00
949	PLANNED	OCC-528	POWERGRID_WR2	REWA - 400KV - BUS 1	D	For AMP Works	23-Mar-20	9:00	23-Mar-20	18:00
950	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-ITARSI-INDORE-MP-2 AND INDORE-MP - 400KV - BUS 1 at INDORE-MP - 400KV	D	AMP WORKS	23-Mar-20	9:00	23-Mar-20	18:00
951	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY-765KV-BINA-JABALPUR-3 AND BINA-765KV-BUS2 at BINA-765KV	D	For AMP work.	23-Mar-20	9:15	23-Mar-20	18:00
952	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-JPL EXTN-TAMNAR-1 AND FUTURE at TAMNAR - 400KV	C	AMP WORKS	23-Mar-20	9:30	23-Mar-20	17:30
953	PLANNED	OCC-528	POWERGRID_WR2	SHUJALPUR - 220KV - BUS 1	D	AMP WORK	23-Mar-20	10:00	23-Mar-20	14:00
954	PLANNED	OCC-528	TPL-DGEN	400KV/22KV DGEN-GT-2	C	De-Energization of the Transformer during RSD for Station Aux Power and Routine. Transformer will remain De-energised and available.	23-Mar-20	10:00	23-Mar-20	15:00
955	PLANNED	OCC-528	MP_SLDC	220KV-Sidhi-MP-Hindalco-I	D	For line maintenance work	23-Mar-20	10:00	23-Mar-20	17:00
956	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-1	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	23-Mar-20	16:00	23-Mar-20	17:00
957	PLANNED	OCC-528	JPTL	400KV-JAIGAD-NEW KOYNA-1	Daily	Hotline insulator washing works	23-Mar-20	09:00	24-Mar-20	18:00
958	PLANNED	OCC-528	JPTL	400KV-JAIGAD-NEW KOYNA-2	Daily	Hotline insulator washing works	23-Mar-20	09:00	24-Mar-20	18:00
959	PLANNED	OCC-528	POWERGRID_WR2	BANASKANTHA - 400KV - BUS 1	D	400kV Radhanesda bays extension construction work	23-Mar-20	8:00	25-Mar-20	18:00
960	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-JPL-RAIPUR-1 AND RAIPUR - 400KV - BUS 3 at RAIPUR - 400KV	C	Overhauling works of JPL Bay at Raipur SS	23-Mar-20	9:30	25-Mar-20	17:30
961	PLANNED	OCC-528	MSETCL	TBC 2 @ CHANDRAPUR	Continuous	For replacement of old 400kV Pantagraph Isolators of 400KV Main Bus-1 & 2 and Aux. Bus.	23-Mar-20	09:00	27-Mar-20	18:00
962	PLANNED	OCC-528	POWERGRID_WR1	765KV-CHAMPA-DHARAMJAYGARH-1-AR-off	D	Line AR to be keep in non auto mode for Fixing of missing/out tower member parts above waist level.	23-Mar-20	8:00	30-Mar-20	18:00
963	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-ITARSI-4 L/R@ ITARSI - 400KV	C	For Overhauling works of Reactor.	23-Mar-20	9:00	07-Apr-20	18:00
964	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	A/R of DHL-SSNNL-I should be kept in Non-Auto Mode. PID Testing work.	23-Mar-20	08:00	23-Mar-20	17:00
965	PLANNED	OCC-528	RRWTL	RAJNANDGAON-RRWTL - 765KV - BUS 1	Daily	Annual maintenance of Bus-1 equipments	23-Mar-20	9:00	23-Mar-20	18:00
966	PLANNED	OCC-528	NTPC SIPAT	400KV/132KV SIPAT-IBT-2	C	For PM	23-Mar-20	8:00	24-Mar-20	18:00
967	PLANNED	OCC-528	MP_SLDC	220KV-KHANDWA-NEPANAGAR-1	D	For line maintenance work	23-Mar-20	8:00	23-Mar-20	18:00
968	PLANNED	OCC-528	MP_SLDC	220KV-Damoh-DAMOH-MP-1	D	For line maintenance work	23-Mar-20	9:00	23-Mar-20	18:00
969	PLANNED	OCC-528	POWERGRID_WR1	AURANGABAD-STATCOM - 38.5KV - BUS 1 STATCOM 1@AURANGABAD-STATCOM	C	For AMP works	23-Mar-20	9:00	23-Mar-20	18:00
970	PLANNED	OCC-528	POWERGRID_WR1	AURANGABAD-STATCOM - 38.5KV - BUS 2 STATCOM 2@AURANGABAD-STATCOM	C	For AMP works	23-Mar-20	9:00	23-Mar-20	18:00
971	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 765KV-AKOLA-EKTUNI-2 AND AKOLA - 765KV - BUS 1	Daily	Dew point measurement in circuit breaker.	23-Mar-20	10:00	23-Mar-20	14:00
972	PLANNED	OCC-528	TPL-DGEN	400KV/22KV DGEN-GT-3	C	Energization of Transformer for Energy Conservation during RSD. Transformer will remain Energized and available.	23-Mar-20	11:00	23-Mar-20	15:00
973	PLANNED	OCC-528	CGPL	CGPL - 400KV - BUS 1	C	Isolator PM & terminal tightness	23-Mar-20	8:00	24-Mar-20	20:00
974	PLANNED	OCC-528	MP_SLDC	400KV/220KV BINA-MP-ICT-2	C	For Isolator alignment related work and Pre monsoon maintenance and testing work	23-Mar-20	8:00	26-Mar-20	17:00
975	PLANNED	OCC-528	POWERGRID_WR2	ITARSI - 220KV - BUS 1	D	For AMP works and checking of trippings with newly retrofitted LBB relays.	24-Mar-20	9:00	24-Mar-20	18:00
976	PLANNED	OCC-528	MSETCL	LONIKHAND-II - 400KV - BUS 1	Daily	Half yearly maintenance and diagnostic testing.	24-Mar-20	09:00	24-Mar-20	18:00
977	PLANNED	OCC-528	POWERGRID_WR1	765KV-RAIPUR-PS (DURG)-CHAMPA-2 L/R@ RAIPUR-PS (DURG) - 765KV	D	For normalisation of R phase after O ring replacement work. Line outage required for isolation & take into service of non switchable LR, each operation 15 min.	24-Mar-20	10:00	24-Mar-20	12:00
978	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 765KV-GADARWARA-WARORA-PG-1 AND WARORA-PG - 765KV - Bus 1 at WARORA-PG - 765KV	D	For Amp Work	24-Mar-20	9:00	24-Feb-20	18:00
979	PLANNED	OCC-528	GETCO	VADAVI - 400 kV - TBC/125MVAR REACTOR	Daily	Bay Maintenance	24-Mar-20	7:00	24-Mar-20	19:00
980	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-BINA-GWALIOR-2 AND GWALIOR - 765KV - BUS 2 at GWALIOR - 765KV	D	AMP WORKS	24-Mar-20	8:00	24-Mar-20	17:30
981	PLANNED	OCC-528	BDTCL	402 Bay (Tie bay Bus reactor) at Bhopal	D	Annual maintenance work	24-Mar-20	8:30	24-Mar-20	19:00
982	PLANNED	OCC-528	POWERGRID_WR1	400KV/220KV BHATAPARA-ICT-2	D	FOR ARRESTING OIL LEAKAGE	24-Mar-20	9:00	24-Mar-20	12:00
983	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-2	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02.Proposed by AM S/S.	24-Mar-20	9:00	24-Mar-20	16:00

984	PLANNED	OCC-528	MSETCL	400KV-EKTUNI-BABLESHWAR-2	Daily	Quarterly Maintenance work & Relay Testing	24-Mar-20	09:00	24-Mar-20	17:00
985	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV BOISAR-ICT-1 AND BOISAR - 400KV - BUS 2 at BOISAR - 400KV	D	For Bay Amp	24-Mar-20	9:00	24-Mar-20	17:30
986	PLANNED	OCC-528	POWERGRID_WR2	VINDHYACHAL(P5) - 765KV - BUS 2	D	For AMP Works, at Vindhychal (P)	24-Mar-20	9:00	24-Mar-20	17:30
987	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - AURANGABAD - 400KV - BUS 1 STATCOM@AURANGABAD AND AURANGABAD - 400KV - BUS 2 at AURANGABAD - 400KV	D	For AMP works	24-Mar-20	9:00	24-Mar-20	18:00
988	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-PARLI-M-PARLI-2 AND PARLI - 400KV - BUS 2 at PARLI - 400KV	D	For AMP works	24-Mar-20	9:00	24-Mar-20	18:00
989	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-SOLAPUR-PARLI NEW-1 AND PARLI NEW - 765KV - BUS 2 at PARLI NEW - 765KV	D	For AMP works	24-Mar-20	9:00	24-Mar-20	18:00
990	PLANNED	OCC-528	POWERGRID_WR1	SEONI - 765KV - BUS 1	D	For AMP works	24-Mar-20	9:00	24-Mar-20	18:00
991	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-WARDHA-AURANGABAD-1 AND WARDHA - 765KV - BUS 1 at Wardha - 765KV	D	For Amp Work	24-Mar-20	9:00	24-Mar-20	18:00
992	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-CHAMPA-CHAMPA-HVDC-2 AND FUTURE at CHAMPA - 400KV	D	For AMP works	24-Mar-20	9:00	24-Mar-20	18:00
993	PLANNED	OCC-528	POWERGRID_WR2	REWA - 400KV - BUS 2	D	For AMP Works	24-Mar-20	9:00	24-Mar-20	18:00
994	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-ITARSI-INDORE-MP-1 AND INDORE-MP - 400KV - BUS 1 at INDORE-MP - 400KV	D	AMP WORKS	24-Mar-20	9:00	24-Mar-20	18:00
995	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-BHOPAL-MP-ITARSI-2 AND ITARSI - 400KV - BUS 1	D	AMP Works	24-Mar-20	9:00	24-Mar-20	18:00
996	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY-400KV-BINA-MP-BINA-4 AND BINA-400KV-BUS1 at BINA-400KV	D	For AMP work.	24-Mar-20	9:15	24-Mar-20	18:00
997	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV/400KV TAMNAR-ICT-4 AND TAMNAR - 765KV - BUS 3 at TAMNAR - 765KV	C	AMP WORKS	24-Mar-20	9:30	24-Mar-20	17:30
998	PLANNED	OCC-528	MEGPTCL	TIE BAY - 405 OF 765/400kV 1500MVA ICT & FUTURE BAY @ AKOLA 2	Daily	Dew point measurement in circuit breaker.	24-Mar-20	10:00	24-Mar-20	14:00
999	PLANNED	OCC-528	POWERGRID_WR2	SHUJALPUR - 220KV - BUS 2	D	AMP WORK	24-Mar-20	10:00	24-Mar-20	14:00
1000	PLANNED	OCC-528	POWERGRID_WR2	400KV-KHANDWA-RAJGARH-1	D	FOR LTE MAINTENANCE at Rajgarh. Line AMP on opportunity. A/R OFF of 400KV-Khandwa-Khargone and Khargone-Rajgarh and dia to be kept open at both ends.	24-Mar-20	10:00	24-Mar-20	17:00
1001	PLANNED	OCC-528	MSETCL	132KV-DHARNI-NEPANAGAR-1	Daily	Routine Maintenance & Dignostic testing work	24-Mar-20	11:00	24-Mar-20	17:00
1002	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-2	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	24-Mar-20	16:00	24-Mar-20	17:00
1003	PLANNED	OCC-528	GETCO	400 kV-ASOJ-KOSAMBA-1	Continuous	Breaker pole O/H work by OEM due to erratic DCRM test results at Asoj end.	24-Mar-20	7:00	25-Mar-20	18:00
1004	PLANNED	OCC-528	POWERGRID_WR2	400/38.5KV SATNA -STATCOM-1&2, STATCOM BUS	D	For AMP of 38.5kV Bus, STATCOM 1 &2, Bus insulation application work	24-Mar-20	9:00	25-Mar-20	18:00
1005	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-DEHGAM-GANDHAR-2 AND DEHGAM - 400KV - BUS 2 at DEHGAM - 400KV	C	CB retrofitting work	24-Mar-20	8:00	30-Mar-20	18:00
1006	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	24-Mar-20	07:00	24-Mar-20	18:00
1007	PLANNED	OCC-528	NTPC	400KV-VINDHYACHAL-SATNA-3	C	Annual Bay Maintenance	24-Mar-20	8:00	26-Mar-20	18:00
1008	PLANNED	OCC-528	RRWTL	RAJNANDGAON-RRWTL - 765KV - BUS 2	Daily	Annual maintenance of Bus-2 equipments	24-Mar-20	9:00	24-Mar-20	18:00
1009	PLANNED	OCC-528	NTPC	MAIN BAY - 400KV-VINDHYACHAL-SATNA-3 AND VINDHYACHAL - 400KV - BUS 5 at VINDHYACHAL - 400KV	C	Annual Bay Maintenance	24-Mar-20	8:00	26-Mar-20	18:00
1010	PLANNED	OCC-528	ATIL	Filter_APL-MUNDRA HVDC TERMINAL - 400KV_330.0_3	Daily	400KV AC Filter-3 Bus CVT testing,Relay Testing and Isolator Maintenance	24-Mar-20	8:00	25-Mar-20	18:00
1011	PLANNED	OCC-528	JTCL	765KV-DHARAMJAYGARH-JABALPUR-3	C	Bent Leg & bracing rectification at loc-101/10 due to land slide	24-Mar-20	9:00	25-Mar-20	18:00
1012	PLANNED	OCC-528	JTCL	765KV-DHARAMJAYGARH-JABALPUR-4	C	Bent Leg & bracing rectification at loc-101/10 due to land slide	24-Mar-20	9:00	25-Mar-20	18:00
1013	PLANNED	OCC-528	NTPC	400KV-VINDHYACHAL-SATNA-3 L/R@ VINDHYACHAL - 400KV	C	Annual Bay Maintenance	24-Mar-20	8:00	26-Mar-20	18:00
1014	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-2	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	24-Mar-20	07:00	24-Mar-20	18:00
1015	PLANNED	OCC-528	MP_SLDC	220KV-ICT-1 at 220KV S/s Sukha-MP	C	For bay equipment maintenance and testing work	25-Mar-20	9:00	26-Mar-20	17:00
1016	PLANNED	OCC-528	MP_SLDC	220KV-ITARSI-MP-ITARSI-2	C	Foe Replacement of 220KV CT Ratio 800/1A to Ratio 1200/1A	25-Mar-20	9:00	25-Mar-20	18:00
1017	PLANNED	OCC-528	POWERGRID_WR1	400KV-PUNE-GIS-PUNE-PG-3	D	For AMP works of 400kV Pune (Talegaon)-3 main bay (407) at Pune-GIS, Line outage required due double main bus scheme at 400kV Pune-GIS end. & 400kV Pune-Pune(T)-4 AR to be keep in non auto mode for safety precautions.	25-Mar-20	9:00	25-Mar-20	18:00
1018	PLANNED	OCC-528	POWERGRID_WR1	765KV-BILASPUR-RAJNANDGAON-RRWTL-1 L/R@ BILASPUR - 765KV	D	For AMP (Warrnty period test for LR and CB)	25-Mar-20	9:00	27-Mar-20	18:00
1019	PLANNED	OCC-528	POWERGRID_WR1	Tie Bay - 765KV-GADARWARA-WARORA-PG-1 AND FUTURE at WARORA-PG - 765KV	D	For Amp Work	25-Mar-20	9:00	25-Feb-20	18:00

1020	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-GWALIOR-ORAI-1 AND GWALIOR - 765KV - BUS 1 at GWALIOR - 765KV	D	AMP WORKS	25-Mar-20	8:00	25-Mar-20	17:30
1021	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-ORAI-2	D	Repair of Line earth switch at Orai S/S. Proposed by NR-3. A/R OFF of ckt-1 and dia to be kept open at both ends.	25-Mar-20	8:00	25-Mar-20	18:00
1022	PLANNED	OCC-528	BDTCL	403 Bay (Main bay Bus reactor) at Bhopal	D	Annual maintenance work	25-Mar-20	8:30	25-Mar-20	19:00
1023	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-3	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02	25-Mar-20	9:00	25-Mar-20	16:00
1024	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-TARAPUR 3&4-BOISAR-2 AND BOISAR - 400KV - BUS 2 at BOISAR - 400KV	D	For Bay Amp	25-Mar-20	9:00	25-Mar-20	17:30
1025	PLANNED	OCC-528	POWERGRID_WR1	400kv KSK-2 & KSK-3 Tie Bay-443 at Champa PS	D	For AMP works	25-Mar-20	9:00	25-Mar-20	17:30
1026	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV AURANGABAD-ICT-2	D	For B-ph MOG replacement work	25-Mar-20	9:00	25-Mar-20	18:00
1027	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 765KV-WARORA-PG-PARLI NEW-1 AND PARLI NEW - 765KV - BUS 1 at PARLI NEW - 765KV	D	For AMP works	25-Mar-20	9:00	25-Mar-20	18:00
1028	PLANNED	OCC-528	POWERGRID_WR1	SEONI - 765KV - BUS 2	D	For AMP works	25-Mar-20	9:00	25-Mar-20	18:00
1029	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-WARDHA-AKOLA-1 AND WARDHA - 400KV - BUS 1	D	For Amp Work	25-Mar-20	9:00	25-Mar-20	18:00
1030	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-INDORE-MP-INDORE-2 AND INDORE-MP - 400KV - BUS 1 at INDORE-MP - 400KV	D	AMP WORKS	25-Mar-20	9:00	25-Mar-20	18:00
1031	PLANNED	OCC-528	BDTCL	703 Bay(Main bay ICT-1) at Dhule	D	Annual maintenance work	25-Mar-20	9:00	25-Mar-20	19:00
1032	PLANNED	OCC-528	POWERGRID_WR2	BINA - 220KV - TRANSFER BUS 1	D	For AMP work.	25-Mar-20	9:15	25-Mar-20	18:00
1033	PLANNED	OCC-528	POWERGRID_WR2	400KV-SSP-RAJGARH-2	D	FOR LTE MAINTENANCE at Rajgarh. Line AMP on opportunity. A/R OFF of ckt-1. Dia to be kept open at both ends.	25-Mar-20	10:00	25-Mar-20	17:00
1034	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-SOLAPUR-M-1	Daily	Conversion of SSN to DSN. & Rapid Restoration scheme for ICT TESTING. For scheme testing 400 kv Main Bus-I, 220 KV Main bUSI, Spare ICT and 400 kv Parli Line outage is also required. 400 kv Bus Reactor will be out of service.	25-Mar-20	10:00	25-Mar-20	18:00
1035	PLANNED	OCC-528	MSETCL	400KV/220KV SOLAPUR-M-ICT-1	Daily	Rapid Restoration scheme for ICT TESTING. For scheme testing 400 kv Main Bus-I, 220 KV Main bUSI, Spare ICT and 400 kv Parli Line outage is also required. 400 kv Bus Reactor will be out of service.	25-Mar-20	10:00	25-Mar-20	18:00
1036	PLANNED	OCC-528	MSETCL	SOLAPUR-M - 400KV - BUS 1	Daily	Rapid Restoration scheme for ICT TESTING. For scheme testing 400 kv Main Bus-I, 220 KV Main bUSI, Spare ICT and 400 kv Parli Line outage is also required. 400 kv Bus Reactor will be out of service.	25-Mar-20	10:00	25-Mar-20	18:00
1037	PLANNED	OCC-528	POWERGRID_WR2	400KV-BINA-SHUJALPUR-2 L/R@ SHUJALPUR - 400KV	D	AMP WORK	25-Mar-20	10:00	25-Mar-20	18:00
1038	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-GWALIOR-3	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for en	25-Mar-20	16:00	25-Mar-20	17:00
1039	PLANNED	OCC-528	POWERGRID_WR2	220KV-VAPI-GUJARAT-KAKRAPAR 1&2-1	D	For attending S/D nature Defects & installation of Bird Guards by Navsari	25-Mar-20	6:00	26-Mar-20	18:00
1040	PLANNED	OCC-528	POWERGRID_WR1	400KV-BHILAI-BHATAPARA-1-AR-off	D	Line AR to keep in non auto mode for attending Earthwire Defects.	25-Mar-20	9:00	26-Mar-20	18:00
1041	PLANNED	OCC-528	GETCO	400 kV-DEHGAM-WANAKBORI-2	Daily	PMM Work.	25-Mar-20	8:00	27-Mar-20	18:00
1042	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-ITARSI-4	D	For Replacement of Bushing Turret gaskets under overhauling works of Line Reactor at Itarsi. Line AMP on opportunity. A/R OFF of ckt-3 and dia to be kept open at both ends.	25-Mar-20	9:00	25-Mar-20	18:00
1043	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 400KV-AKOLA (2)-NANDGAONPETH-2 AND AKOLA (2) - 400KV - BUS 2 at AKOLA (2) - 400KV	D		25-Mar-20	10:00	25-Mar-20	15:00
1044	PLANNED	OCC-528	NRPC	765 KV ORAI-JABALPUR (PG) CKT-2	D	Repair of Line earth switch at Orai S/S.	25-Mar-20	08:00	25-Mar-20	18:00
1045	PLANNED	OCC-528	POWERGRID_WR2	BACHAU - 400KV - BUS 1	D	For replacemnt of IGR of Pilot String & Tension string of Main Bus & Jack Bus. Outage of 400kv Bhachau-Varsana-2 is also required.	25-Mar-20	8:00	25-Mar-20	18:00
1046	PLANNED	OCC-528	RRWTL	MAIN BAY - RAJNANDGAON-RRWTL - 765KV B/R 1 AND RAJNANDGAON-RRWTL - 765KV - BUS 1 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	25-Mar-20	9:00	25-Mar-20	18:00
1047	PLANNED	OCC-528	MSETCL	waluj bus coupler	Continuous	Bus coupler CB Overhauling works	25-Mar-20	09:00	31-Mar-20	17:00
1048	PLANNED	OCC-528	MP_SLDC	220KV-Malanpur-MP-Adani	D	For line maintenance work	25-Mar-20	9:00	25-Mar-20	17:00
1049	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-JABALPUR-REWA-2 AND REWA - 400KV - BUS 2 at REWA - 400KV	C	Circuit Breaker DAC Replacement	25-Mar-20	9:00	31-Mar-20	18:00
1050	PLANNED	OCC-528	POWERGRID_WR2	BACHAU - 400KV - BUS 2	D	For replacemnt of IGR of Pilot String & Tension string of Main Bus & Jack Bus. Outage of 400kv Bhachau-Varsana-2 is also required.	26-Mar-20	8:00	26-Mar-20	18:00
1051	PLANNED	OCC-528	POWERGRID_WR1	PUNE-PG - 400KV - BUS 1	D	For AMP works & Replacement of Clamp & connectors	26-Mar-20	9:00	26-Mar-20	18:00
1052	PLANNED	OCC-528	POWERGRID_WR1	DHARAMJAYGARH-765KV-BUS 4	C	Tamnar 1/2 Bay Extension Construction Works - Bus 4 Extension	26-Mar-20	8:00	27-Mar-20	18:00
1053	PLANNED	OCC-528	POWERGRID_WR2	ITARSI - 400KV - BUS 2	D	For AMP works and checking of trippings with newly retrofitted LBB relays.	26-Mar-20	9:00	26-Mar-20	18:00

1054	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 765KV-GADARWARA-WARORA-PG-2 AND WARORA-PG - 765KV - Bus 1 at WARORA-PG - 765KV	D	For Amp Work	26-Mar-20	9:00	26-Feb-20	18:00
1055	PLANNED	OCC-528	POWERGRID_WR1	Tie Bay - 765KV-GADARWARA-WARORA-PG-2 AND 765KV-WARORA-PG-PARLI NEW-1 at WARORA-PG - 765KV	D	For Amp Work	26-Mar-20	9:00	26-Feb-20	18:00
1056	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV GWALIOR-ICT-1 AND GWALIOR - 400KV - BUS 2 at GWALIOR - 400KV	D	AMP WORKS	26-Mar-20	8:00	26-Mar-20	17:30
1057	PLANNED	OCC-528	BDTCL	404 Bay (Main bay ICT-2) at Bhopal	D	Annual maintenance work	26-Mar-20	8:30	26-Mar-20	19:00
1058	PLANNED	OCC-528	MSETCL	JEJURI - 400KV - BUS 1	Daily	Annual testing & maintenance.	26-Mar-20	09:00	26-Mar-20	17:00
1059	PLANNED	OCC-528	MSETCL	MAIN BAY - 400KV-WARDHA-WARORA-1 AND WARDHA - 400KV - BUS 2 at Wardha - 400KV	Daily	Routine Maintenance & Dignostic testing work .	26-Mar-20	09:00	26-Mar-20	17:00
1060	PLANNED	OCC-528	POWERGRID_WR1	BHATAPARA - 220KV - BUS 1	D	For AMP works	26-Mar-20	9:00	26-Mar-20	17:00
1061	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-VAPI-BOISAR-1 AND 400KV-TARAPUR 3&4-BOISAR-2 at BOISAR - 400KV	D	For Bay Amp	26-Mar-20	9:00	26-Mar-20	17:30
1062	PLANNED	OCC-528	MSETCL	400KV-PARLI-M-SOLAPUR-M-1	Daily	Hardware tightening & fitting work-	26-Mar-20	09:00	26-Mar-20	18:00
1063	PLANNED	OCC-528	POWERGRID_WR1	765KV-RAIPUR-PS (DURG)-CHAMPA-1 L/R@ RAIPUR-PS (DURG) - 765KV	D	For Spare placing in place of R Phase For O ring replacement work. Line outage required for isolation & take into service of non switchable LR, each operation 15 min.	26-Mar-20	9:00	26-Mar-20	18:00
1064	PLANNED	OCC-528	POWERGRID_WR1	BUS COUPLER BAY - PARLI - 220KV BUS-1 AND PARLI - 220KV BUS-2 at PARLI - 220KV	D	For AMP works	26-Mar-20	9:00	26-Mar-20	18:00
1065	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-SOLAPUR-PARLI NEW-2 AND 765KV-WARORA-PG-PARLI NEW-1 at PARLI NEW - 765KV	D	For AMP works	26-Mar-20	9:00	26-Mar-20	18:00
1066	PLANNED	OCC-528	POWERGRID_WR1	SEONI-PG - 220KV - BUS 1	D	For AMP works	26-Mar-20	9:00	26-Mar-20	18:00
1067	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - Solapur - 38.5KV MSR-2 AND Solapur STATCOM-38.5KV - Bus 1	D	MSR,CB and CT AMP works.	26-Mar-20	9:00	26-Mar-20	18:00
1068	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - WARDHA - 400KV B/R 1 AND WARDHA - 400KV - BUS 2 at Wardha - 400KV	D	For Amp Work	26-Mar-20	9:00	26-Mar-20	18:00
1069	PLANNED	OCC-528	POWERGRID_WR2	220KV-KHANDWA-CHHEGAON-1	D	AMP WORK. Line outage is required.	26-Mar-20	9:00	26-Mar-20	18:00
1070	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-INDORE-MP-INDORE-1 AND INDORE-MP-400KV - BUS 1 at INDORE-MP - 400KV	D	AMP WORKS	26-Mar-20	9:00	26-Mar-20	18:00
1071	PLANNED	OCC-528	BDTCL	705 Bay (Tie bay of Dhule-Aurangabad line & ICT-2) at Dhule	D	Annual maintenance work	26-Mar-20	9:00	26-Mar-20	19:00
1072	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV-SEONI-BINA-1 AND BINA - 765KV - BUS 1 at BINA - 765KV	D	For wiring replacement in main CB MB.	26-Mar-20	9:15	26-Mar-20	18:00
1073	PLANNED	OCC-528	MEGPTCL	MAIN BAY - 765KV/400KV AKOLA (2)-ICT-1 AND AKOLA (2) - 400KV - BUS 1 at AKOLA (2) - 400KV	Daily	Dew point measurement in circuit breaker.	26-Mar-20	10:00	26-Mar-20	14:00
1074	PLANNED	OCC-528	POWERGRID_WR2	400KV-BADNAWAR-RAJGARH-1	D	FOR LTE MAINTENANCE at Rajgarh. Line AMP on opportunity. A/R OFF of ckt-2. Dia to be kept open at both ends.	26-Mar-20	10:00	26-Mar-20	17:00
1075	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 765KV/400KV VADODARA-ICT-3 AND VADODARA - 765KV - BUS 2 at VADODARA - 765KV	D	CB AMP work	26-Mar-20	10:00	26-Mar-20	17:00
1076	PLANNED	OCC-528	POWERGRID_WR2	400KV-SHUJALPUR-RAPP-1	D	DISTANCE RELAY TESTING AND LINE REACTOR AMP WORK AT SHUJALPUR. Dia to be kept open.	26-Mar-20	10:00	26-Mar-20	18:00
1077	PLANNED	OCC-528	KAPS-3&4	Bus End CB of 400kv KAPS-3&4-Navsari-Circuit-1	D	Bus CB PM Checks (Line will remain in charged condition through Tie CB)	26-Mar-20	9:00	27-Mar-20	19:00
1078	PLANNED	OCC-528	TAPS 1&2, NPCIL	220KV-TARAPUR 3&4-TARAPUR 1&2-1	daily	Annual maintenance Works	26-Mar-20	8:00	28-Mar-20	19:00
1079	PLANNED	OCC-528	APML	400KV/11.5KV TIRODA-ST-1	Continuous	Maintenance of 400kV Station Transformer-1.	26-Mar-20	09:00	28-Mar-20	18:00
1080	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-JPL-RAIPUR-2 AND 400KV-RAIGARH-RAIPUR-3 at RAIPUR - 400KV	C	Overhauling works of JPL Bay at Raipur SS	26-Mar-20	9:30	28-Mar-20	17:30
1081	PLANNED	OCC-528	NRPC	400 KV RAPS_D(NP)-SHUJALPUR(PG) (PG) CKT-1	D	DISTANCE RELAY TESTING AND LINE REACTOR AMP WORK AT SHUJALPUR. Dia to be kept open.	26-Mar-20	10:00	26-Mar-20	18:00
1082	PLANNED	OCC-528	NTPC SIPAT	MAIN BAY - 765KV-SIPAT-BILASPUR-1 AND SIPAT - 765KV - BUS 4 at SIPAT - 765KV	C	For PM	26-Mar-20	8:00	28-Mar-20	18:00
1083	PLANNED	OCC-528	RRWTL	TIE BAY - 765KV-BILASPUR-RAJNANDGAON-RRWTL-1 AND RAJNANDGAON-RRWTL - 765KV B/R 1 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	26-Mar-20	9:00	26-Mar-20	18:00
1084	PLANNED	OCC-528	REL	400kv BUS-1 at REL	Daily	400kv BUS CVT & Bus Maintenance.	26-Mar-20	7:00	26-Mar-20	19:00
1085	PLANNED	OCC-528	CWRTL	765KV-SASAN-VINDHYACHAL(PS)-2	Daily	Annual Maintenance	26-Mar-20	8:00	26-Mar-20	18:00
1086	PLANNED	OCC-528	MP_SLDC	220KV-Damoh-DAMOH-MP-2	D	For line maintenance work	26-Mar-20	9:00	26-Mar-20	18:00
1087	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV JABALPUR-ICT-1	D	Foundation of 400/220/33 KV, 315 MVA ICT#1 at Jabalpur S/S is 30 years old. Oil pit area around the ICT and cooler bank foundation was filled with stone and sand. Now we have removed sand and stone from oil pit area and we are going to provide grating over it as per the standard electrical system requirement. Since the foundation is 30 years old, main tank foundation and support column of A frame of cooler bank require strengthening.	26-Mar-20	9:00	28-Mar-20	18:00
1088	PLANNED	OCC-528	MSETCL	400KV-WARORA-CHANDRAPU-II-2	Daily	For PID work, shifting of Auto reclose switch to non auto mode.	26-Mar-20	06:00	31-Mar-20	17:00
1089	PLANNED	OCC-528	MSETCL	400KV-WARORA-CHANDRAPU-II-1	Daily	For PID work, shifting of Auto reclose switch to non auto mode.	26-Mar-20	06:00	31-Mar-20	17:00

1090	PLANNED	OCC-528	POWERGRID_WR2	400KV-MANSAR-CHORANIA-1	D	AMP WORK AT CHORANIYA by Pirana. Line AMP on opportunity. A/R OFF of 400kV Bhachau-Chorania. Dia to be kept open on both sides.	27-Mar-20	9:00	27-Mar-20	18:00
1091	PLANNED	OCC-528	POWERGRID_WR2	ITARSI - 220KV - BUS 2	D	For AMP works and checking of trippings with newly retrofitted LBB relays.	27-Mar-20	9:00	27-Mar-20	18:00
1092	PLANNED	OCC-528	POWERGRID_WR2	BHUJ - 400KV - BUS 1	D	FOR JUMPER CONNECTION, TESTING, RTV COATING & AMP WORK	27-Mar-20	8:00	27-Mar-20	18:00
1093	PLANNED	OCC-528	POWERGRID_WR2	400KV-SATNA-BINA-3	D	For Insulator replacement work by Damoh TLM. A/R OFF of ckt-4 and dia to be kept open at both ends.	27-Mar-20	8:00	29-Mar-20	18:00
1094	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV PUNE-GIS-ICT-2	D	For AMP works i.e Tan delta test on ICT bushings ,DCRM ,CRM ,Timings test	27-Mar-20	9:00	27-Mar-20	18:00
1095	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 765KV-WARORA-PG-PARLI NEW-1 AND WARORA-PG - 765KV - Bus 2 at WARORA-PG - 765KV	D	For Amp Work	27-Mar-20	9:00	27-Feb-20	18:00
1096	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	27-Mar-20	07:00	27-Mar-20	18:00
1097	PLANNED	OCC-528	POWERGRID_WR2	220KV-GWALIOR-GWALIOR-II-1	D	AMP WORKS. Line outage is required.	27-Mar-20	8:00	27-Mar-20	17:30
1098	PLANNED	OCC-528	BDTCL	405 Bay (Tie bay ICT-2 & Bhopal-Bhopal line-1) at Bhopal	D	Annual maintenance work	27-Mar-20	8:30	27-Mar-20	19:00
1099	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-INDORE-1	D	Online Retrofitting of Analog PLCC with Digital PLCC in Channel 02. Proposed by AM S/S.	27-Mar-20	9:00	27-Mar-20	16:00
1100	PLANNED	OCC-528	MSETCL	MAIN BAY - 400KV-WARDHA-KORADI-II-1 AND WARDHA - 400KV - BUS 1 at Wardha - 400KV	Daily	Routine Maintenance & Dignostic testing work .	27-Mar-20	09:00	27-Mar-20	17:00
1101	PLANNED	OCC-528	MSETCL	MAIN BAY (420) OF WARDHA (PG) CKT @ WARORA	Daily	Routine maintenance and DCRM/CRM/CB Timings Testing works and isolater maintenance work .	27-Mar-20	09:00	27-Mar-20	17:00
1102	PLANNED	OCC-528	MP_SLDC	220KV Mehgaon-Adani	D	For line maintenance work	27-Mar-20	9:00	27-Mar-20	17:00
1103	PLANNED	OCC-528	POWERGRID_WR1	BHATAPARA - 400KV - BUS 1	D	For AMP works	27-Mar-20	9:00	27-Mar-20	17:00
1104	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-VAPI-BOISAR-1 AND BOISAR - 400KV - BUS 1 at BOISAR - 400KV	D	For Bay Amp	27-Mar-20	9:00	27-Mar-20	17:30
1105	PLANNED	OCC-528	POWERGRID_WR1	400kv Lara-2 and Future Tie Bay-452 at Champa PS	D	For AMP works	27-Mar-20	9:00	27-Mar-20	17:30
1106	PLANNED	OCC-528	MEGPTCL	KORADI-III - 765KV - BUS 2	Daily	Maintenance of bus related equipments.	27-Mar-20	09:00	27-Mar-20	18:00
1107	PLANNED	OCC-528	MP_SLDC	220KV-SEONI-PG-CHINDWARA-2	D	For line maintenance work	27-Mar-20	9:00	27-Mar-20	18:00
1108	PLANNED	OCC-528	POWERGRID_WR1	400KV-WARDHA-AURANGABAD-2 L/R@ AURANGABAD - 400KV	D	For AMP works, Line outage required for isolation & take into service each operation 15 min for non switchable line reactor at Aurangabad end.	27-Mar-20	9:00	27-Mar-20	18:00
1109	PLANNED	OCC-528	POWERGRID_WR1	765KV-BILASPUR-SEONI-1 L/R@ SEONI - 765KV	D	For AMP works, Line outage required for isolation & take into service of non switchable LR, each operation 15 min.	27-Mar-20	9:00	27-Mar-20	18:00
1110	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - PARLI NEW - 765KV B/R 1 AND PARLI NEW - 765KV - BUS 2 at PARLI NEW - 765KV	D	For AMP works	27-Mar-20	9:00	27-Mar-20	18:00
1111	PLANNED	OCC-528	POWERGRID_WR1	SEONI-PG - 220KV - BUS 2	D	For AMP works	27-Mar-20	9:00	27-Mar-20	18:00
1112	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-WARDHA-AKOLA-1 AND 400KV/220KV WARDHA-ICT-1 at Wardha - 400KV	D	For Amp Work	27-Mar-20	9:00	27-Mar-20	18:00
1113	PLANNED	OCC-528	POWERGRID_WR2	220KV-KHANDWA-CHHEGAON-2	D	AMP WORK. Line outage is required.	27-Mar-20	9:00	27-Mar-20	18:00
1114	PLANNED	OCC-528	POWERGRID_WR2	TBC MAIN BAY - 400KV-INDORE-MP TBC BAY AND 400KV - BUS 1 at INDORE-MP - 400KV	D	AMP WORKS	27-Mar-20	9:00	27-Mar-20	18:00
1115	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-BHOPAL-MP-DAMOH-1 AND 400KV-BHOPAL-MP-DAMOH-2	D	For Bay AMP works by Itarsi.	27-Mar-20	9:00	27-Mar-20	18:00
1116	PLANNED	OCC-528	BDTCL	706 Bay (Main bay ICT-2) at Dhule	D	Annual maintenance work	27-Mar-20	9:00	27-Mar-20	19:00
1117	PLANNED	OCC-528	POWERGRID_WR2	SHUJALPUR - 220KV - TRANSFER BUS 1	D	AMP WORK	27-Mar-20	10:00	27-Mar-20	14:00
1118	PLANNED	OCC-528	POWERGRID_WR2	400KV-BADNAWAR-RAJGARH-2	D	FOR LTE MAINTENANCE at Rajgarh. Line AMP on opportunity. A/R OFF of ckt-1. Dia to be kept open at both ends.	27-Mar-20	10:00	27-Mar-20	17:00
1119	PLANNED	OCC-528	POWERGRID_WR2	400KV-TBC BAY - ASOJ-VADODARA AT ASOJ	D	CB & CT AMP work at asoj by Vadodara	27-Mar-20	10:00	27-Mar-20	18:00
1120	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-INDORE-1	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02 (for end to end testing) Line Outage required. Proposed by AM S/S.	27-Mar-20	16:00	27-Mar-20	17:00
1121	PLANNED	OCC-528	POWERGRID_WR2	220KV-VAPI-GUJARAT-KAKRAPAR 1&2-2	D	For attending S/D nature Defects & installation of Bird Guards by Navsari	27-Mar-20	6:00	28-Mar-20	18:00
1122	PLANNED	OCC-528	POWERGRID_WR1	765KV-DHARJAYGARH-JABALPUR-3 L/R@ DHARAMJAYGARH - 765KV	D	For AMP Works	27-Mar-20	8:00	28-Mar-20	18:00
1123	PLANNED	OCC-528	POWERGRID_WR2	BANASKANTHA - 400KV - BUS 2	D	400kV Radhanesda bays extension construction work	27-Mar-20	8:00	28-Mar-20	18:00
1124	PLANNED	OCC-528	RRWTL	MAIN BAY - 765KV-RAJNANDGAON-RRWTL-WARORA-PG-1 AND RAJNANDGAON-RRWTL - 765KV - BUS 1 at Rajnandgaon-RRWTL - 765KV	Daily	Annual maintenance of Bay equipments	27-Mar-20	9:00	27-Mar-20	18:00
1125	PLANNED	OCC-528	CWRTL	400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-3	Daily	Annual Maintenance	27-Mar-20	8:00	27-Mar-20	18:00
1126	PLANNED	OCC-528	CWRTL	400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-4	Daily	A/R Mode to be kept off for attending annual shutdown work in Vindhyachal-Vindhyachal Line-3	27-Mar-20	8:00	27-Mar-20	18:00
1127	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-PARLI-SOLAPUR-1 AND 400KV-ALKUD-SOLAPUR-1 at Solapur - 400KV	D	To change Bph CT bellow due to low oil level.	27-Mar-20	9:00	27-Mar-20	18:00
1128	PLANNED	OCC-528	MSETCL	BUS COUPLER BAY - KHARGHAR - 400KV - BUS 1 AND KHARGHAR - 400KV - BUS 2 at KHARGHAR - 400KV	Continuous	Quadraple bus conductor replacement work of 400kV Kalwa and Talegaon B bus	27-Mar-20	08:00	30-Mar-20	18:00
1129	PLANNED	OCC-528	MSETCL	KHARGHAR - 400KV - BUS 2	Continuous	Quadraple bus conductor replacement work of 400kV Kalwa and Talegaon B bus	27-Mar-20	08:00	30-Mar-20	18:00
1130	PLANNED	OCC-528	NTPC	220KV-KAWAS-ICHCHAPUR-1	C	for bus bar protection retrofitting.	27-Mar-20	9:00	28-Mar-20	19:00

1131	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV ITARSI-ICT-1	D	AMP Works and retrofitting of REF relay with RET670 Numerical Relay. Dia to be kept open on both sides.	28-Mar-20	9:00	28-Mar-20	18:00
1132	PLANNED	OCC-528	POWERGRID_WR2	BHUJ - 400KV - BUS 2	D	FOR JUMPER CONNECTION, TESTING, RTV COATING & AMP WORK	28-Mar-20	8:00	28-Mar-20	18:00
1133	PLANNED	OCC-528	POWERGRID_WR1	765KV-BILASPUR-RAJNANDGAON-RRWTL-2 L/R@ BILASPUR - 765KV	D	For AMP (Warrnty period test for LR and CB)	28-Mar-20	9:00	29-Mar-20	18:00
1134	PLANNED	OCC-528	POWERGRID_WR1	TALEGAON - 220KV - BUS 2	D	For AMP works & Replacement of Clamp & connectors	28-Mar-20	9:00	28-Mar-20	18:00
1135	PLANNED	OCC-528	POWERGRID_WR1	DHARAMJAYGARH-765KV-BUS 3	C	Tamnar 1/2 Bay Extension Construction Works - Bus 3 Extension	28-Mar-20	8:00	29-Mar-20	18:00
1136	PLANNED	OCC-528	POWERGRID_WR1	400KV-AURANGABAD-M (WALUJ)-PUNE-GIS-2	D	For AMP works of 400kV Aurangabad-2 main bay (411) at Pune-GIS, Line outage required due double main bus scheme at 400kV Pune-GIS end. & 400kV Pune-Aurangabad-1 AR to be kept in non auto mode for safety precautions.	28-Mar-20	9:00	28-Mar-20	18:00
1137	PLANNED	OCC-528	POWERGRID_WR2	400KV/220KV NAVSARI-ICT-3	D	For AMP Works. Dia will be open.	28-Mar-20	6:00	28-Mar-20	18:00
1138	PLANNED	OCC-528	MSETCL	400KV-SSP-DHULE-MS-1	Daily	Rusted/damaged Earthwire replacement work. Insulator string replacement work.	28-Mar-20	07:00	28-Mar-20	18:00
1139	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 765KV-SATNA-GWALIOR-2 AND 765KV-BINA-GWALIOR-3 at GWALIOR - 765KV	D	AMP WORKS	28-Mar-20	8:00	28-Mar-20	17:30
1140	PLANNED	OCC-528	BDTCL	406 Bay (Main bay Bhopal-Bhopal line-1) at Bhopal	D	Annual maintenance work	28-Mar-20	8:30	28-Mar-20	19:00
1141	PLANNED	OCC-528	MSETCL	TIE BAY - 400KV-WARDHA-WARORA-1 AND FUTURE at Wardha - 400KV	Daily	Routine Maintenance & Dignostic testing work .	28-Mar-20	09:00	28-Mar-20	17:00
1142	PLANNED	OCC-528	MP_SLDC	220KV-GWALIOR-GWALIOR-II-1	D	For line maintenance work	28-Mar-20	9:00	28-Mar-20	17:00
1143	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-TARAPUR 3&4-BOISAR-1 AND BOISAR - 400KV - BUS 1 at BOISAR - 400KV	D	For Bay Amp	28-Mar-20	9:00	28-Mar-20	17:30
1144	PLANNED	OCC-528	POWERGRID_WR1	400kv KSK-3 Main Bay-444 at Champa PS at CHAMPA-400KV	D	For AMP works	28-Mar-20	9:00	28-Mar-20	17:30
1145	PLANNED	OCC-528	MP_SLDC	220KV-Damoh-DAMOH-MP-3	D	For line maintenance work	28-Mar-20	9:00	28-Mar-20	18:00
1146	PLANNED	OCC-528	POWERGRID_WR1	765KV-WARDHA-AURANGABAD-3 L/R@ AURANGABAD - 765KV	D	For AMP works, Line outage outage required for isolation & take into service each operation 15 min for non switchable line reactor at Aurangabad end.	28-Mar-20	9:00	28-Mar-20	18:00
1147	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-PARLI-PARLI NEW-1 AND 400KV/220KV PARLI-ICT-1 at PARLI - 400KV	D	For AMP works	28-Mar-20	9:00	28-Mar-20	18:00
1148	PLANNED	OCC-528	POWERGRID_WR1	Main Bay - 400KV-PARLI-Solapur-2 AND Solapur - 400KV - Bus 1 at Solapur - 400KV	D	To change Bph CT bellow due to low oil level.	28-Mar-20	9:00	28-Mar-20	18:00
1149	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV WARDHA-ICT-1 AND WARDHA - 400KV - BUS 2 at Wardha - 400KV	D	For Amp Work	28-Mar-20	9:00	28-Mar-20	18:00
1150	PLANNED	OCC-528	POWERGRID_WR2	220KV-KHANDWA-NEPANAGAR-1	D	AMP WORK. Line outage is required.	28-Mar-20	9:00	28-Mar-20	18:00
1151	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - INDORE - 400KV B/R 2 AND INDORE - 400KV - BUS 2 at INDORE - 400KV	D	AMP WORKS	28-Mar-20	9:00	28-Mar-20	18:00
1152	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-BHOPAL-MP-DAMOH-2 AND BHOPAL-MP-400KV - BUS 1	D	For Bay AMP works by Itarsi.	28-Mar-20	9:00	28-Mar-20	18:00
1153	PLANNED	OCC-528	BDTCL	707 Bay (Main bay Bus Reactor) at Dhule	D	Annual maintenance work	28-Mar-20	9:00	28-Mar-20	19:00
1154	PLANNED	OCC-528	MEGPTCL	KORADI-III - 765KV - BUS 1	Daily	Bus CVT Testing.	28-Mar-20	10:00	28-Mar-20	13:00
1155	PLANNED	OCC-528	POWERGRID_WR2	400KV-RAJGARH-KASOR-1	D	FOR LTE MAINTENANCE. Dia to be kept open.	28-Mar-20	10:00	28-Mar-20	17:00
1156	PLANNED	OCC-528	POWERGRID_WR2	400KV-SHUJALPUR-RAPP-2	D	DISTANCE RELAY TESTING AND LINE REACTOR AMP WORK AT SHUJALPUR. Dia to be kept open.	28-Mar-20	10:00	28-Mar-20	18:00
1157	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV/220KV PUNE-PG-ICT-3 AND PUNE-PG - 220KV - BUS 1 at PUNE-PG - 220KV	D	For AMP works	28-Mar-20	9:00	28-Mar-20	18:00
1158	PLANNED	OCC-528	MSETCL	BOISAR - 220KV - BUS 2	Continuous	1) B-Bus Isolator maintenance work. 2) Pilot string replacement identified in PID.	28-Mar-20	06:00	29-Mar-20	18:00
1159	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-AKOLA-AURANGABAD-2 AND AKOLA - 400KV - BUS 1 at Akola - 400KV	C	For Replacement of BHEL CB with GE CB.	28-Mar-20	9:00	03-Apr-20	18:00
1160	PLANNED	OCC-528	POWERGRID_WR1	765KV-Rajnandgaon-RRWTL-WARORA-PG-1	D	For IPS replacement work at Warora end.	28-Mar-20	9:00	28-Mar-20	18:00
1161	PLANNED	OCC-528	POWERGRID_WR2	GWALIOR-STATCOM - 32KV - BUS 1 STATCOM@GWALIOR-STATCOM	D	For attending construction punch-points, Insulation coating on MV side, To attend interlock problem	28-Mar-20	8:00	29-Mar-20	17:30
1162	PLANNED	OCC-528	NRPC	400 KV RAPS_D(NP)-SHUJALPUR(PG) (PG) CKT-2	D	DISTANCE RELAY TESTING AND LINE REACTOR AMP WORK AT SHUJALPUR. Dia to be kept open.	28-Mar-20	10:00	28-Mar-20	18:00
1163	PLANNED	OCC-528	POWERGRID_WR2	400KV-JABALPUR-PS-MB POWER-2	D	Diamond formation on 400 kV Annuppur line by Jabalpur TLM. A/R OFF of ckt-1 and dia to be kept open at both ends.	28-Mar-20	9:30	29-Mar-20	18:00
1164	PLANNED	OCC-528	GETCO	400 kV-MANSAR-BACHAU	Daily	For cold line water washing work and condition monitoring work at Mansar SS	28-Mar-20	8:00	28-Mar-20	18:00
1165	PLANNED	OCC-528	CWRTL	400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-4	Daily	Annual Maintenance	28-Mar-20	8:00	28-Mar-20	18:00
1166	PLANNED	OCC-528	CWRTL	400KV-VINDHYANCHAL-IV-VINDHYACHAL(PS)-3	Daily	A/R Mode to be kept off for attending annual shutdown work in Vindhyachal-Vindhyachal Line-4	28-Mar-20	8:00	28-Mar-20	18:00
1167	PLANNED	OCC-528	POWERGRID_WR2	220KV-HOSHANGABAD-ITARSI-2	D	For AMP line terminal equipments. Line outage is required.	29-Mar-20	9:00	29-Mar-20	18:00
1168	PLANNED	OCC-528	POWERGRID_WR2	BHUJ - 765KV - BUS 1	D	FOR JUMPER CONNECTION, TESTING, RTV COATING & AMP WORK	29-Mar-20	8:00	29-Mar-20	18:00
1169	PLANNED	OCC-528	POWERGRID_WR2	VARSANA - 400KV - BUS 2	D	For replacemnt of IGR of Pilot String & Tension string of Main Bus & Jack Bus. Outage of 400kV Bhachau-Varsana-1 is also required.	29-Mar-20	8:00	29-Mar-20	18:00
1170	PLANNED	OCC-528	MP_SLDC	400KV-SSP-RAJGARH-1	D	For line maintenance work	29-Mar-20	8:00	29-Mar-20	18:00
1171	PLANNED	OCC-528	POWERGRID_WR2	220KV-GWALIOR-MALANPUR-1	D	AMP WORKS. Line outage is required.	29-Mar-20	8:00	29-Mar-20	17:30

1172	PLANNED	OCC-528	BDTCL	407 Bay (Main bay of ICT-1) at Bhopal	D	Annual maintenance work	29-Mar-20	8:30	29-Mar-20	19:00
1173	PLANNED	OCC-528	MP_SLDC	220KV-SHUJALPUR-RAJGARH-MP-1	D	For line maintenance work	29-Mar-20	9:00	29-Mar-20	17:00
1174	PLANNED	OCC-528	POWERGRID_WR2	BANASKANTHA - 400KV - BUS 1	D	400kV Radhanesda bays extension construction work	29-Mar-20	8:00	30-Mar-20	18:00
1175	PLANNED	OCC-528	MSETCL	KALWA - 400KV - BUS 1	Daily	Bus maint. and CVT maint work	29-Mar-20	09:00	29-Mar-20	18:00
1176	PLANNED	OCC-528	NTPC	400KV-GANDHAR-NAVSARI-1	C	Annual Bay Maintenance. Proposed by NTPC	29-Mar-20	8:00	30-Mar-20	18:00
1177	PLANNED	OCC-528	WTPL	400KV-AURANGABAD-M (WALUJ)-PUNE-GIS-2	Daily	Annual Maintenance	29-Mar-20	9:00	29-Mar-20	17:00
1178	PLANNED	OCC-528	WTPL	400KV-AURANGABAD-M (WALUJ)-PUNE-GIS-1	Daily	A/R Mode to be kept off for attending annual shutdown work in 400KV Pune(GIS) - Aurangabad -2	29-Mar-20	9:00	29-Mar-20	17:00
1179	PLANNED	OCC-528	POWERGRID_WR2	ITARSI - 400KV - BUS 1	D	For AMP works and checking of trippings with newly retrofitted LBB relays.	30-Mar-20	9:15	30-Mar-20	18:00
1180	PLANNED	OCC-528	POWERGRID_WR2	400KV-SATNA-BINA-4	D	For Insulator replacement work by Damoh TLM. A/R OFF of ckt-3 and dia to be kept open at both ends.	30-Mar-20	8:00	31-Mar-20	18:00
1181	PLANNED	OCC-528	ATIL	400KV-TIRODA-WARORA-1	Daily	Annual Maintenance	30-Mar-20	07:00	30-Mar-20	18:00
1182	PLANNED	OCC-528	ATIL	400KV-TIRODA-WARORA-2	Daily	A/R mode to be kept off for attending annual shutdown work in 400kV Tiroda-Warora-1.	30-Mar-20	07:00	30-Mar-20	18:00
1183	PLANNED	OCC-528	GETCO	RANCHODPURA - 400 kV - BUS 1	Daily	For Bus PMM work & Condition monitoring work	30-Mar-20	7:00	30-Mar-20	19:00
1184	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - GWALIOR - 765KV B/R 1 AND GWALIOR - 765KV - BUS 2 at GWALIOR - 765KV	D	AMP WORKS	30-Mar-20	8:00	30-Mar-20	17:30
1185	PLANNED	OCC-528	MSETCL	400KV-DHULE-MS-BABLESHWAR-1	Daily	if any suspicious string is found in PID testing , it will be replaced in this outage.	30-Mar-20	08:00	30-Mar-20	18:00
1186	PLANNED	OCC-528	MP_SLDC	220KV-GWALIOR-GWALIOR-II-2	D	For line maintenance work	30-Mar-20	9:00	30-Mar-20	17:00
1187	PLANNED	OCC-528	MP_SLDC	220KV-SHUJALPUR-RAJGARH-MP-2	D	For line maintenance work	30-Mar-20	9:00	30-Mar-20	17:00
1188	PLANNED	OCC-528	POWERGRID_WR2	TIE BAY - 400KV-TARAPUR 3&4-BOISAR-1 AND 400KV/220KV BOISAR-ICT-2 at BOISAR - 400KV	D	For Bay Amp	30-Mar-20	9:00	30-Mar-20	17:30
1189	PLANNED	OCC-528	MP_SLDC	220KV-SATNA-CHHATTARPUR-1	D	For line maintenance work	30-Mar-20	9:00	30-Mar-20	18:00
1190	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 400KV-PARLI-SOLAPUR-2 AND 400KV-DHARIWAL-PARLI-1 a	D	For AMP works	30-Mar-20	9:00	30-Mar-20	18:00
1191	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV/400KV SEONI-ICT-2 AND SEONI - 765KV B/R 1 at Seoni - 765KV	D	For AMP works	30-Mar-20	9:00	30-Mar-20	18:00
1192	PLANNED	OCC-528	POWERGRID_WR1	SOLAPUR - 765KV - BUS 2	D	AMP of Bus and related isolators.	30-Mar-20	9:00	30-Mar-20	18:00
1193	PLANNED	OCC-528	POWERGRID_WR1	TIE BAY - 765KV-SEONI-WARDHA-1 AND FUTURE at Wardha - 765KV	D	For Amp Work	30-Mar-20	9:00	30-Mar-20	18:00
1194	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-INDORE-MP-ASOJ-1 AND INDORE-MP - 400KV - BUS 1 at INDORE-MP - 400KV	D	AMP WORKS	30-Mar-20	9:00	30-Mar-20	18:00
1195	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV-BHOPAL-MP-DAMOH-1 AND BHOPAL-MP - 400KV - BUS 2	D	For Bay AMP works by Itarsi.	30-Mar-20	9:00	30-Mar-20	18:00
1196	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-JABALPUR-1	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02. 09:00Hrs to 17:00Hrs online work and 17:00Hrs to 18:00Hrs Outage required for testing	30-Mar-20	9:00	30-Mar-20	18:00
1197	PLANNED	OCC-528	MSETCL	220KV-KOLHAPUR-CHIKKODI-II-1	Daily	Pre-monsoon Maintance i.e. Cold line insulator Cleaning	30-Mar-20	10:00	30-Mar-20	17:00
1198	PLANNED	OCC-528	POWERGRID_WR2	400KV-RAJGARH-KASOR-2	D	FOR LTE MAINTENANCE. Dia to be kept open.	30-Mar-20	10:00	30-Mar-20	17:00
1199	PLANNED	OCC-528	RTCL	400KV-SHUJALPUR-RAPP-1	D	Annual maintenance work	30-Mar-20	10:00	30-Mar-20	18:00
1200	PLANNED	OCC-528	GETCO	400 kV-SSP-ASOJ-1	Daily	Breaker pole O/H work by OEM due to erratic DCRM test results at Asoj end.	30-Mar-20	7:00	31-Mar-20	18:00
1201	PLANNED	OCC-528	POWERGRID_WR1	765KV-DHARJAYGARH-JABALPUR -1 L/R@ DHARAMJAYGARH - 765KV	D	For AMP Works	30-Mar-20	8:00	31-Mar-20	18:00
1202	PLANNED	OCC-528	POWERGRID_WR2	765KV-JABALPUR-ORAI-1	D	For Replacement of porcelain insulator with CLR Polymer insulator under Damoh Jurisdiction. Dia to be kept open at both ends. A/R OFF of ckt-II.	30-Mar-20	8:00	31-Mar-20	18:00
1203	PLANNED	OCC-528	POWERGRID_WR1	765KV-BILASPUR-DHARAMJAYGARH-1 L/R@ BILASPUR - 765KV	D	For AMP works	30-Mar-20	9:00	31-Mar-20	18:00
1204	PLANNED	OCC-528	POWERGRID_WR1	MAIN BAY - 400KV-JPL-RAIPUR-2 AND RAIPUR - 400KV - BUS 3 at RAIPUR - 400KV	C	Overhauling works of JPL Bay at Raipur SS	30-Mar-20	9:30	31-Mar-20	17:30
1205	PLANNED	OCC-528	TAPS 1&2, NPCIL	220KV-TARAPUR 1&2-BOISAR-M-1	daily	Annual maintenance Works	30-Mar-20	8:00	01-Apr-20	19:00
1206	PLANNED	OCC-528	NRPC	765 KV ORAI-JABALPUR (PG) CKT-1	D	For Replacement of porcelain insulator with CLR Polymer insulator under Damoh Jurisdiction. Dia to be kept open at both ends. A/R OFF of ckt-II.	30-Mar-20	08:00	31-Mar-20	18:00
1207	PLANNED	OCC-528	NRPC	400 KV RAPS_D(NP)-SHUJALPUR(PG) (PG) CKT-1	D	FOR AMP WORK, Line Belongs to RTCL	30-Mar-20	10:00	30-Mar-20	18:00
1208	PLANNED	OCC-528	NTPC SIPAT	MAIN BAY - 765KV/400KV SIPAT-ICT-2 AND SIPAT - 400KV - BUS 1 at SIPAT - 400KV	C	For PM	30-Mar-20	15:38	31-Mar-20	15:38
1209	PLANNED	OCC-528	STL	765KV BILASPUR PS - RAJNANDGAON CKT-1	Daily	Annual maintenance of Line equipments	30-Mar-20	10:00	30-Mar-20	18:00
1210	PLANNED	OCC-528	MSETCL	400KV-BABLESHWAR-PADGHE-2	Daily	For Carrying PID Work	30-Mar-20	08:00	31-Mar-20	18:00
1211	PLANNED	OCC-528	CGPL	CGPL - 400KV - BUS 2	C	Isolator PM & terminal tightness	30-Mar-20	8:00	31-Mar-20	20:00
1212	PLANNED	OCC-528	NTPC	TBC BAY - KAWAS - 220KV - BUS 1 AND FUTURE	C	for bus bar protection retrofitting.	30-Mar-20	9:00	31-Mar-20	19:00
1213	PLANNED	OCC-528	POWERGRID_WR2	220KV-ITARSI-MP-ITARSI-1	D	For AMP Works. Line outage is required.	31-Mar-20	9:00	31-Mar-20	18:00
1214	PLANNED	OCC-528	MEGPTCL	KORADI-III - 400KV - BUS 1	Daily	Maintenance of Bus related equipments.	31-Mar-20	09:00	31-Mar-20	18:00
1215	PLANNED	OCC-528	MSETCL	400KV-DHULE-MS-BABLESHWAR-2	Daily	if any suspicious string is found in PID testing , it will be replaced in this outage.	31-Mar-20	07:00	31-Mar-20	18:00
1216	PLANNED	OCC-528	POWERGRID_WR2	MAIN BAY - 400KV/220KV BOISAR-ICT-2 AND BOISAR - 400KV - BUS 2 at BOISAR - 400KV	D	For Bay Amp	31-Mar-20	9:00	31-Mar-20	17:30

1217	PLANNED	OCC-528	POWERGRID_WR1	220KV-WARDHA-WARDHA-M-1 Shifting to TBC at Wardha-PG	D	For shiting it on TBC for Attending Isolator problem & line will be in service through TBC at Wardha end.	31-Mar-20	9:00	31-Mar-20	18:00
1218	PLANNED	OCC-528	POWERGRID_WR1	765KV/400KV WARDHA-ICT-3	D	For AMP work, BHEL Spare ICT to be connected newly with Existing ICT.	31-Mar-20	9:00	31-Mar-20	18:00
1219	PLANNED	OCC-528	POWERGRID_WR1	WARDHA - 220KV - BUS 2	D	For CVT Oil leakage attending, 20689B isolator problem attending.	31-Mar-20	9:00	31-Mar-20	18:00
1220	PLANNED	OCC-528	POWERGRID_WR2	765KV-BHOPAL-BDTCL-INDORE-1	D	AMP WORKS of line reactor & line terminal equipment at Indore	31-Mar-20	9:00	31-Mar-20	18:00
1221	PLANNED	OCC-528	POWERGRID_WR2	765KV-BINA-JABALPUR-2	D	Retrofitting of Analog PLCC with Digital PLCC in Channel 02. 09:00Hrs to 17:00Hrs online work and 17:00Hrs to 18:00Hrs Outage required for testing	31-Mar-20	9:00	31-Mar-20	18:00
1222	PLANNED	OCC-528	RTCL	400KV-SHUJALPUR-RAPP-2	D	Annual maitenance work	31-Mar-20	10:00	31-Mar-20	18:00
1223	PLANNED	OCC-528	POWERGRID_WR1	400KV/38.5KV SOLAPUR-STATCOM-ICT-1	C	Cup. T/F AMP and MV side Isolators interlock checking works.	31-Mar-20	9:00	04-Apr-20	18:00
1224	PLANNED	OCC-528	NRPC	400 KV RAPS_D(NP)-SHUJALPUR(PG) (PG) CKT-2	D	FOR AMP WORK, Line Belongs to RTCL	31-Mar-20	10:00	31-Mar-20	18:00
1225	PLANNED	OCC-528	POWERGRID_WR1	220KV-TALEGAON-PUNE-PG-2	D	For AMP works	31-Mar-20	9:00	31-Mar-20	18:00
1226	PLANNED	OCC-528	STL	765KV BILASPUR PS - RAJNANDGAON CKT-2	Daily	Annual maintenance of Line equipments	31-Mar-20	10:00	31-Mar-20	18:00
1227	PLANNED	OCC-528	ATIL	400KV-TIRODA-WARORA-2	Daily	Annual Maintenance	01-Apr-20	07:00	01-Apr-20	18:00
1228	PLANNED	OCC-528	ATIL	400KV-TIRODA-WARORA-1	Daily	A/R mode to be kept off for attending annual shutdown work in 400kV Tiroda-Warora-II.	01-Apr-20	07:00	01-Apr-20	18:00

फरवरी 2019 और मार्च 2019 माह के लिये अपेक्षित मांग एवं ऊर्जा की आवश्यकता

Anticipated demand and energy for the month of February 2020 AND March 2020

राज्य	State	मांग DEMAND मेगावाट (MW)		ऊर्जा की आवश्यकता ENERGY REQUIREMENT मिलियन युनिट्स	
		फरवरी 2019 February 2020	मार्च 2019 March 2020	फरवरी 2019 February 2020	मार्च 2019 March 2020
1 गुजरात	<u>GUJARAT</u>				
सीमित	RESTRICTED	16325	17125	9740	10740
असीमित	UNRESTRICTED	16350	17150	9750	10750
2 मध्य प्रदेश	<u>MADHYA PRADESH</u>				
सीमित	RESTRICTED	12220	11531	6889	6744
असीमित	UNRESTRICTED	12591	12473	8298	8732
3 छत्तीसगढ़	<u>CHHATISGARH</u>				
सीमित	RESTRICTED	3905	4154	2179	2575
असीमित	UNRESTRICTED	3905	4154	2179	2575
4 महाराष्ट्र	<u>MAHARASHTRA</u>				
सीमित	RESTRICTED	22950	24450	12045	14236
असीमित	UNRESTRICTED	23000	24500	12095	14286
5 गोवा	<u>GOA</u>				
सीमित	RESTRICTED	571	593	339	360
असीमित	UNRESTRICTED	604	617	385	405
6 दमन दीव	<u>DD</u>				
सीमित	RESTRICTED	354	360	219	222
असीमित	UNRESTRICTED	379	381	237	251
7 डी एन एच	<u>DNH</u>				
सीमित	RESTRICTED	863	895	498	499
असीमित	UNRESTRICTED	931	900	631	656
8 पश्चिम क्षेत्र	<u>WESTERN REGION</u>				
सीमित	RESTRICTED	55710	57134	31909	35376
असीमित	UNRESTRICTED	61853	63360	33575	37655

Unit -wise Actual generation for the month of

January 2020 जनवरी 2019

क्रमांक Sr. No.	स्टेशन का नाम Station Name	Actual वास्तविक		Auxillary Consumption (MUs)
		ऊर्जा Energy (MUs)	चरम Peak (Mw)	
	UKAI(H) - 1	16.99	75	
	UKAI(H) - 2	0.00	0	
	UKAI(H) - 3	0.19	75	
	UKAI(H) - 4	0.00	0	0.00
	UKAI(TOTAL)	17.18	150	0.3140
	UKAI LBCH - 1	0.71	1	
	UKAI LBCH - 2	0.28	2	0.00
	UKAI LBCH (TOTAL)	0.99	3	0.02
	KADANA - 1	22.31	60	
	KADANA - 2	2.22	60	
	KADANA - 3	2.53	56	
	KADANA - 4	0.90	51	0.00
	KADANA (TOTAL)	27.97	227	0.03
	PANAM	0.56	1	0.01
	Madhuban Dam (Hy.)-1	1.13	2	
	Madhuban Dam (Hy.)-2	1.13	2	
	Madhuban Dam (Hy.)-3	0.93	2	0.01
	AREVA HY(KARJAN)	0.00	2	0.00
	Ajanta hy (DOLATPURA)-1	1.71	0	
	Ajanta hy (DOLATPURA)-2	0.07	4	
	Ajanta hy (DOLATPURA)-3	2.71	4	0.00
	SMALL HYDRO	8.23	16	0.02
	SSP RBPH-1	4.20	206	0.06
	SSP RBPH-2	25.66	205	0.38
	SSP RBPH-3	27.12	206	0.41
	SSP RBPH-4	53.39	205	0.80
	SSP RBPH-5	71.54	206	1.07
	SSP RBPH-6	95.43	205	1.43
	SSP-CHPH-1	11.28	17	0.17
	SSP-CHPH-2	9.59	16	0.14
	SSP-CHPH-3	31.14	52	0.47
	SSP-CHPH-4	37.67	52	0.57
	SSP-CHPH-5	37.25	53	0.56
	SSP (TOTAL) *	404.27	1423	6.06
	SSP GUVNL Share	64.68	228	0.97
	GUJARAT TOTAL (HYDRO)	54.37	624	383.51

	THERMAL(GUJARAT)			
	Torrent Power Ltd.- D	36.24	123	3.65
	Torrent Power Ltd.- E	40.47	123	4.19
	Torrent Power Ltd.- F	41.79	123	3.81
	TOTAL TP AHMEDABAD	118.49	369	11.65
	DGB - GT1	16.47	95	
	DGB - STG1	7.84	0	1.66
	DGB - GT2	0.72	97	
	DGB - STG2	0.31	0	0.46
	DGB - GT3	7.06	0	
	DGB - STG3	3.65	0	0.93
	TOTAL DHUVARAN	36.03	192	3.05
	UKAI-3	119.21	194	11.49
	UKAI-4	125.78	205	11.42
	UKAI-5	36.72	212	4.01
	UKAI-6	311.75	505	19.40
	TOTAL UKAI	593.46	1116	46.32
	GANDHINAGAR -3	20.28	212	2.76
	GANDHINAGAR -4	32.36	212	4.01
	GANDHINAGAR -5	117.81	215	12.24
	TOTAL GANDHINAGAR	170.45	639	19.02
	WANAKBORI -1	29.58	217	
	WANAKBORI -2	55.31	214	
	WANAKBORI -3	129.73	214	
	WANAKBORI -4	103.72	215	
	WANAKBORI -5	108.30	216	
	WANAKBORI -6	102.61	215	
	WANAKBORI -7	98.09	215	
	TOTAL WANAKBORI	627.33	1506	56.76
	UGPP GT-4	13.06	239	
	UGPP STG-2	9.35	144	1.70
	TOTAL UTRAN	22.41	383	1.70
	SIKKA - 3	151.23	260	13.30
	SIKKA - 4	78.55	259	7.24
	TOTAL SIKKA	229.78	519	20.55
	Akrimota Linite-1	28.13	78	8.06
	Akrimota Linite-2	27.95	72	8.02

	TOTAL Akrimota Lignite	56.08	150	16.08
	Kutch Lig.-1	0.00	0	0.00
	Kutch Lig.-2	0.00	0	0.00
	Kutch Lig.-3	42.08	75	5.99
	Kutch Lig.-4	6.38	56	1.84
	TOTAL Kutch Lig	48.46	131	7.84
	GIPCL - GT 1	1.49	31	
	GIPCL - GT 2	15.98	32	
	GIPCL - GT 3	16.10	32	
	GIPCL - ST 1	17.62	32	
	GIPCL - GT 4	3.10	88	
	GIPCL - ST 2	1.29	46	
	TOTAL GIPCL	55.58	261	1.19
	SURAT - LIG1	78.36	118	7.95
	SURAT - LIG 2	83.38	121	8.42
	SURAT - LIG 3	91.67	129	9.20
	SURAT - LIG 4	72.18	129	7.96
	Total SURAT -LIG	325.59	497	33.53
	EPGL1	314.14	604	18.43
	EPGL 2	278.19	605	17.07
	TOTAL ESSAR	592.33	1209	35.51
	CLPIPL GT1	0.00	0	0.00
	CLPIPL GT2	0.00	0	0.00
	CLPIPL GT3	0.00	0	0.00
	CLPIPL STG	0.00	0	0.00
	TOTAL CLPIPL	0.00	0	0.00
	GSEG 1	0.00	0	
	GSEG 2	0.00	0	
	GSEG STG	0.00	0	0.59
	GSEG -II GT 1	1.01	146	0.00
	GSEG -II STG	0.63	100	0.19
	TOTAL GSEG	1.64	246	0.78
	Sugen (GT 1)	195.16	387	
	Sugen (GT 2)	105.14	371	
	Sugen (GT 3)	28.50	377	8.88
	Uno Sugan	167.58	386	4.11
	TOTAL SUGEN	496.38	1521	13.00
	APL 1	68.74	339	0.00
	APL 2	198.75	340	0.00
	APL 3	199.49	342	0.00
	APL 4	216.41	339	0.00
	APL 5	395.94	677	0.00
	APL 6	119.14	685	0.00

	APL 7	409.73	673	0.00
	APL 8	410.12	676	0.00
	APL 9	408.09	667	0.00
	TOTAL APMuL	2426.40	4739	168.09
	OPGS GT1	108.65	153	9.02
	OPGS GT2	0.00	0	0.00
	TOTAL OPGS	108.65	153	9.02
	BECL 1	37.06	0	9.46
	BECL 2	59.96	0	12.67
	TOTAL BECL	97.02	0	22.13
	GPPC GT1	0.00	0	
	GPPC STG1	0.00	0	0.38
	GPPC GT2	0.00	0	
	GPPC STG2	0.00	0	0.42
	TOTAL GPPC	0.00	0	0.80
	OTHER CPP	8.60	12	0.00
	TOTAL CPP	8.60	12	0.00
	GUJARAT TOTAL (Th.)	6014.70	13643	467.00
				0.00
	GUVNL TOTAL (H+T)	6069.07	14267	467.39
	WIND ENERGY	923.90	1283	18.48
	SOLAR ENERGY	311.88	433	6.24
	BIO -MASS ENERGY	14.30	20	0.29
	GUJARAT TOTAL RES	1250.07	1736	25.00
	GUVNL TOTAL (H+T+RES)	7319.14	16003	467.41
	MADHYA PRADESH			
	H Y D R O			
	G.' SAGAR	0.00	0	0.03
	R.P.SAGAR	0.00	0	0.00
	J.' SAGAR	43.02	66	0.02
	TOTAL CHAMBAL(100%)	43.02	66	0.05
	MP CHAMBAL SHARE (50%)	21.51	33	0.02
	PENCH	16.86	157	0.06
	MP PENCH SHARE(2/3)	11.24	105	0.04
	BARGI	27.48	92	0.02
	BARGI (LEFT BANK (NVDA)	0.00	0	0.00
	Bansagar TONS	108.30	315	0.08
	Bansagar Devlondh	0.00	63	0.01
	Bansagar Silpara	12.19	20	0.07
	Bansagar Jinaha	15.28	22	0.05
	Madikheda	7.62	69	0.12

	BIR'PUR	0.73	21	0.01
	TAWA	0.00	0	0.00
	TOTAL	171.59	602	0.37
	RAJGHAT	0.00	42	0.03
	MP SHARE RAJGHAT(50%)	0.00	21	0.02
	Omkareshwar			
	Unit-1	11.83	65	
	Unit-2	11.83	65	
	Unit-3	11.83	65	
	Unit-4	11.83	65	
	Unit-5	11.83	65	
	Unit-6	11.83	65	
	Unit-7	11.83	65	
	Unit-8	11.83	65	
	TOTAL Omkareshwar	94.67	460	0.37
	Indira Sagar - 1	24.84	132	
	Indira Sagar - 2	21.77	134	
	Indira Sagar - 3	19.32	132	
	Indira Sagar - 4	25.04	135	
	Indira Sagar - 5	19.38	131	
	Indira Sagar - 6	21.39	134	
	Indira Sagar - 7	31.54	135	
	Indira Sagar - 8	28.33	130	
	TOTAL INDIRA SAGAR (100%)	191.60	555	0.72
	MP SSP SHARE	230.44	811	3.46
	MP TOTAL (H)	490.61	1776	1.54
	MADHYA PRADESH (THERMAL)			
	AMARKANTAK (III UNIT-5)	148.00	220	0.00
	TOTAL AMARKANTAK-II	148.00	220	13.14
	SATPURA-II UNIT - 6	103.21	0	
	SATPURA-II UNIT - 7	89.79	175	
	SATPURA-II (UNITS 6 - 7)	193.00	175	19.00
	SATPURA-III UNIT - 8	87.38	188	
	SATPURA-III UNIT - 9	0.00	195	
	SATPURA-III (UNITS 8-9)	87.38	383	8.78
	SATPURA-IV UNIT - 10	160.42	265	
	SATPURA-IV UNIT - 11	160.82	259	
	SATPURA-III (UNITS 10-11)	321.24	524	27.03
	TOTAL SATPURA	601.61	1082	54.81

	S.GANDHI TPS-1	106.90	204	
	S.GANDHI TPS-2	55.22	202	
	SGTPS PHASE-I	162.12	406	15.48
	S.GANDHI TPS-3	26.76	209	
	S.GANDHI TPS-4	125.28	213	
	SGTPS PHASE-II	152.04	422	15.52
	S.GANDHI TPS-5	360.32	509	
	SGTPS PHASE-III	360.32	509	20.65
	TOTAL S.GANDHI TPS	674.47	1337	51.65
	SRI SINGHAJI(SSTPS)-I	336.48	605	
	SRI SINGHAJI(SSTPS)-II	68.04	599	
	SSTPS PHASE-I	404.52	1204	24.55
	SRI SINGHAJI(SSTPS)-III	314.41	527	
	SRI SINGHAJI(SSTPS)-IV	318.99	0	
	SSTPS PHASE-II	633.39	527	
	TOTAL SSTPS	1037.91	1731	58.37
	BLA POWER	20.68	29	1.17
	JP BINA+CPP	210.82	293	11.93
	MP IPP INJECTION	15.07	322	13.10
	MP TOTAL (Th.)	2600.57	4692	191.07
	MP TOTAL (H+T)	3091.18	6467	192.61
	WIND ENERGY	314.53	437	15.73
	SOLAR ENERGY	187.45	260	9.37
	BIO -MASS ENERGY	3.13	4	0.16
	TOTAL MP RES	505.11	702	25.26
	MP TOTAL (H+T+RES)	3596.28	7169	217.87
	CHHATTISGARH			
	HYDRO			
	H. BANGO	15.10	120	0.06
	Gangrel	2.42	10	0.04
	Mini Micro KWB	0.35	7	0.00
	CHHATTISHGARH TOTAL (H)	17.87	137	0.10
	CHHATTISHGARH (THERMAL)			
	KORBA (E-II) -1	0.00	0	
	KORBA (E-II) -2	0.00	0	
	KORBA (E-II) -3	0.00	0	
	KORBA (E-II) -4	0.00	0	
	TOTAL KORBA (E) 1-4	0.00	0	0.00

	KORBA (E) -5	65.07	97	
	KORBA (E) -6	57.19	78	
	TOTAL KORBA (E) 5-6	122.26	182	13.64
	TOTAL KORBA (E)	122.26	182	13.64
	KORBA(W) - 1	123.06	215	
	KORBA(W) - 2	105.11	208	
	TOTAL KORBA (W) 1-2	228.16	423	22.35
	KORBA(W) - 3	135.66	190	
	KORBA(W) - 4	121.58	193	
	TOTAL KORBA (W) 3-4	257.24	383	23.28
	KWB EXTN -5	234.79	484	12.19
	TOTAL KORBA (W)	720.19	2096	57.81
	KORBA(EB) Extn - 1 (DSPM 1)	158.84	255	
	KORBA(EB) Extn - 2 (DSPM 2)	162.98	255	
	TOTAL KORBA (E) DSPM	321.83	510	25.45
	MARWA-1	266.18	0	
	MARWA-2	30.56	328	
	TOTAL MARWA	296.74	328	20.22
	TOTAL CHHATTISHGARH (THERMAL)	1461.02	3116	117.12
	CHHATTISGARH (TH+HY)	1478.89	3253	117.21
	MAHARASHTRA			
	H Y D R O			
	Koyana I & II	104.16	0	1.04
	Koyana IV	50.93	0	0.74
	Koyana III	133.93	0	0.22
	K.D.P.H.	9.56	0	0.02
	Total KGSC	298.58	0	2.02
	TATA HYDRO			
	TOTAL MAHARASHTRA (Hydro)	467.58	0	5.36
	THERMAL			
	NASIK - 3	119.03	203	
	NASIK - 4	4.30	205	
	NASIK - 5	0.00	0	
	TOTAL NASIK	123.33	408	
	TROMBAY - 5	287.66	483	
	TROMBAY - 6	0.00	0	
	TROMBAY -8	158.32	101	
	TROMBAY - 7 A	38.17	62	
	TROMBAY - 7 B	28.57	248	
	TOTAL TROMBAY	512.72	894	
	KORADI - 6	0.00	0	

	KORADI - 7	0.00	0	
	KORADI - 8	337.31	635	
	KORADI - 9	339.69	660	
	KORADI - 10	304.90	579	

	TOTAL KORADI	981.90	1874	
	BHUSAWAL - 3	0.00	0	
	BHUSAWAL - 4	0.00	0	
	BHUSAWAL - 5	0.00	0	
	TOTAL BHUSAWAL	0.00	0	
	PARLI - 4	0.00	0	
	PARLI - 5	0.00	0	
	PARLI - 6	89.66	250	
	PARLI - 7	95.97	250	
	PARLI - 8	141.28	251	
	TOTAL PARLI	326.91	751	
	K'KHEDA - II - 1	80.66	190	
	K'KHEDA - II - 2	81.90	195	
	K'KHEDA - II - 3	84.75	204	
	K'KHEDA - II - 4	89.86	200	
	K'KHEDA - II - 5	326.90	500	
	TOTAL K'KHEDA	664.07	1289	
	PGPL-1	0.00	0	
	PGPL-2	0.00	0	
	TOTAL PGPL	0.00	0	
	URAN (G) - 5	0.00	0	
	URAN (G) - 6	0.00	0	
	URAN (G) - 7	0.00	0	
	URAN (G) - 8	178.80	424	
	ALL URAN (G)	167.95	309	
	URAN - WHR -I	0.00	0	
	URAN - WHR -II	0.00	0	
	TOTAL URAN - WHR	0.00	0	
	CHANDRAPUR -3	129.69	191	
	CHANDRAPUR -4	104.72	180	
	CHANDRAPUR -5	228.45	370	
	CHANDRAPUR -6	316.18	485	
	CHANDRAPUR -7	102.81	470	
	CHANDRAPUR -8	332.84	500	
	CHANDRAPUR -9	328.76	500	
	TOTAL CHANDRAPUR	1543.45	2696	
	PARAS -3	147.69	259	
	PARAS - 4	160.84	259	
	TOTAL PARAS	308.53	518	
	REL DAHANU - I	144.76	250	
	REL DAHANU - I I	144.76	250	
	TOTAL DAHANU	188.68	500	

	APML(All Units)	2210.30	0	
	JSWEL(All Units)	748.63	0	
	VIPL(All Units)	0.00	0	
	RPL AMT(All Units)	10.27	0	
	WPCL(All Units)	0.00	0	
	Other CPPS/IPPS	474.22	0	
	TOTAL MAHARASHTRA CPPS/IPPS	3443.42	4783	
	MAHARASHTRA TOTAL (Th.)(INCL TATA,ADANI)	8260.96	14022	382.27
	MAHARASHTRA TOTAL (H+T)	8728.54	14022	387.64
	Wind injection (W)	272.10	378	5.44
	Solar injection (S)	190.37	264	3.81
	TOTAL MAHARASHTRA RES	462.47	642	9.25
	TOTAL MAHARASHTRA (TH+H+RES)	9191.01	14664	396.89
	GOA			
	IPP GOA	65.18	91	1.28
	CENTRAL SECTOR			
	N P C I L			
	TAPS - I	151.07	160	0.00
	TAPS - II	166.53	160	0.00
	TOTAL TAPS 1-2	317.60	320	31.88
	TAPS - III	21.09	0	0.00
	TAPS - IV	63.57	552	0.00
	TOTAL TAPS 3-4	84.65	552	7.26
	KAKRAPAR - I	402.33	231	0.00
	KAKRAPAR - II	177.37	231	0.00
	TOTAL KAPS 1-2	579.70	462	58.08
	TOTAL NPCIL GENERATION	402.25	872	97.23
	N T P C			
	K S T P S - 1	150.53	215	0.00
	K S T P S - 2	127.69	214	0.00
	K S T P S - 3	149.73	213	0.00
	K S T P S - 4	351.91	513	0.00
	K S T P S - 5	304.62	514	0.00
	K S T P S - 6	365.54	515	0.00
	K S T P S - 7	368.16	513	0.00

	TOTAL K S T P S	1818.18	2697	109.12
	V S T P S - 1	140.85	215	0.00
	V S T P S - 2	136.90	212	0.00
	V S T P S - 3	137.12	211	0.00
	V S T P S - 4	139.68	213	0.00
	V S T P S - 5	136.22	214	0.00
	V S T P S - 6	125.97	215	0.00
	V S T P S -7	341.67	513	0.00
	V S T P S -8	310.57	515	0.00
	V S T P S -9	344.17	514	0.00
	V S T P S -10	346.57	513	0.00
	V S T P S -11	291.47	513	0.00
	V S T P S -12	362.52	514	0.00
	V S T P S -13	318.53	515	0.00
	TOTAL V S T P S	3132.23	4877	209.29
	SIPAT STPS-1	476.04	660	0.00
	SIPAT STPS-2	468.28	660	0.00
	SIPAT STPS-3	467.14	670	0.00
	SIPAT STPS-4	351.91	520	0.00
	SIPAT STPS-5	355.49	520	0.00
	TOTAL SIPAT	2118.86	3030	114.49
	KAWAS-GT-1A	12.63	105	0.00
	KAWAS-GT-1B	14.72	106	0.00
	KAWAS- ST-1	15.19	116	0.00
	KAWAS-GT-2A	0.30	106	0.00
	KAWAS-GT- 2 B	0.00	106	0.00
	KAWAS-ST-2	0.00	116	0.00
	TOTAL KAWAS	42.85	655	1.55
	GANDHAR - GT1	0.40	144	0.00
	GANDHAR - GT2	0.51	144	0.00
	GANDHAR - GT3	5.95	144	0.00
	GANDHAR - ST3	2.06	0	0.00
	TOTAL GANDHAR	8.92	432	1.21
	MAUDA-1	268.37	510	0.00
	MAUDA-2	9.07	510	0.00
	MAUDA-3	254.40	660	0.00
	MAUDA-4	356.20	500	0.00
	TOTAL MAUDA	888.04	2180	52.14
	SOLAPUR-1	0.00	680	0.00
	SOLAPUR-2	0.00	0	0.00
	TOTAL SOLAPUR	0.00	660	3.14

	LARA-1	475.17	0	0.00
	LARA-2	0.00	0	0.00
	TOTAL LARA	475.17	660	26.24
	GADARWADA-1	192.31	800	0.00
	GADARWADA-2	0.00	0	0.00
	TOTAL GADARWADA	192.31	800	14.97
	KHARGAONE-1	0.00	0	0.00
	KHARGAONE-2	0.00	0	0.00
	TOTAL KHARGAONE	0.00	660	0.00
	TOTAL NTPC GENERATION	8676.56	16651	532.14
	RGPPL			
	RGPPL (Dabhol) Phase I	0.00	0	0.00
	RGPPL (Dabhol) Phase II	149.45	560	0.00
	RGPPL (Dabhol) Phase III	206.97	265	0.00
	RGPPL TOTAL	356.41	560	8.91
	OTHER REGIONAL IPPS			
	SASAN TOTAL	2931.10	0	146.55
	CGPL TOTAL	2290.37	0	114.52
	JPL TOTAL	60.96	0	3.05
	JPL EXT TOTAL	581.25	0	29.06
	BALCO -1	0.00	0	0.00
	BALCO -2	0.00	0	0.00
	BALCO -3	0.00	0	0.00
	BALCO -4	0.00	0	0.00
	BALCO TOTAL	242.30	0	12.12
	ACBIL -1	0.00	0	0.00
	ACBIL -2	0.00	0	0.00
	ACBIL TOTAL	381.53	0	19.08
	TRN -1	0.00	0	0.00
	TRN-2	0.00	0	0.00
	TRN TOTAL	198.13	0	9.91
	NSPCL -1	0.00	0	0.00
	NSPCL-2	0.00	0	0.00
	NSPCL TOTAL	244.95	0	12.25
	JAYPEE NIGRIE -1	0.00	0	0.00
	JAYPEE NIGRIE-2	0.00	0	0.00
	JAYPEE NIGRIE TOTAL	631.25	0	31.56
	KSK MAHANADI -1	0.00	0	0.00
	KSK MAHANADI -2	0.00	0	0.00
	KSK MAHANADI -3	0.00	0	0.00
	KSK MAHANADI TOTAL	879.30	0	43.97
	MB POWER -1	0.00	0	0.00
	MB POWER-2	0.00	0	0.00

	MB POWER TOTAL	289.12	0	14.46
	DB POWER -1	0.00	0	0.00
	DB POWER-2	0.00	0	0.00
	DB POWER TOTAL	454.47	0	22.72
	RKM POWER GENERATION -1	0.00	0	0.00
	RKM POWER GENERATION -2	0.00	0	0.00
	RKM POWER GENERATION -3	0.00	0	0.00
	RKM POWER GENERATION TOTAL	161.86	0	8.09
	KWPCL -1	0.00	0	0.00
	KWPCL-2	0.00	0	0.00
	KWPCL TOTAL	52.67	0	2.63
	JHABUA POWER-1	0.00	0	0.00
	JHABUA POWER-2	0.00	0	0.00
	JHABUA POWER TOTAL	261.59	0	13.08
	LANCO(AMERKANTAK PATHADI)-1	0.00	0	0.00
	LANCO(AMERKANTAK PATHADI)-2	0.00	0	0.00
	LANCO(AMERKANTAK) TOTAL	261.18	0	13.06
	SKS-1	0.00	0	0.00
	SKS-2	0.00	0	0.00
	SKS POWER GEN TOTAL	165.55	0	13.47
	GMR RAIPUR -1	0.00	0	0.00
	GMR RAIPUR-2	0.00	0	0.00
	GMR RAIPUR GEN TOTAL	704.90	0	35.24
	DHARIWAL-1	0.00	0	0.00
	DHARIWAL-2	0.00	0	0.00
	DHARIWAL GEN TOTAL	166.94	0	8.35
	EPML-1	0.00	0	0.00
	EPML-2	0.00	0	0.00
	EMPL GEN TOTAL	243.76	0	12.19
	TOTAL WR IPP	11203.17	0	521.76
	(I) पश्चिमी क्षेत्र WESTERN REGION			
	ग्रेस उत्पादन Gross generation	42288.90		
	(J) उपलब्धता Availability	39928.21		
	नेट विनिमय Net Exchanges	-7363.62		
	उपलब्ध ऊर्जा Energy Availability	32564.59		

Restricted and Unrestricted demand for the month of January 2020

राज्य	State	वास्तविक Actual (MW)					दिनांक Date	समय Time	आवृत्ति Frequency
		आपूर्ति Catered							
			UNSCH LS	FC	SCH LS	कुल Total			
गुजरात	<u>GUJARAT</u>								
पंजीकृत	Registered	16189	-	-	-	16189	28.1.20	11:00	50.03
सीमित	Restricted								
असीमित	Unrestricted	16189	0	0	0	16189	28.1.20	11:00	50.03
न्यूनतम पंजीकृत मांग	Min. Registered Demand	8954				8954	15.01.2020	0:00	50.02
मध्य प्रदेश	<u>MADHYA PRADESH</u>								
पंजीकृत	Registered	14729	-	-	0	14729	28.1.20	9:30	50.00
सीमित	Restricted								
असीमित	Unrestricted	14729	0	0	0	14729	28.1.20	9:30	50.00
न्यूनतम पंजीकृत मांग	Min. Registered Demand	6224				6224	16.01.2020	03:00	
छत्तीसगढ़	<u>CHHATTISGARH</u>								
पंजीकृत	Registered	3828	-	-	-	3828	25.1.20	9:00	50.03
सीमित	Restricted								
असीमित	Unrestricted	3826	0	3	0	3829	30.1.20	8:00	49.98
न्यूनतम पंजीकृत मांग	Min. Registered Demand	2194				2194	02.01.2020	13:45	50.03
महाराष्ट्र	<u>MAHARASHTRA</u>								
पंजीकृत	Registered	22975	-	-	-	22975	28.1.20	12:00	50.04
सीमित	Restricted								
असीमित	Unrestricted	22975	0	0	0	22975	28.1.20	12:00	50.04
न्यूनतम पंजीकृत मांग	Min. Registered Demand	13745				13745	6-Jan-20	2:00	49.99
गोवा	<u>*GOA</u>								
पंजीकृत	Registered	602	-	-	-	602	7.1.20	20:00	49.97
असीमित	Unrestricted	602	0	0.63	0	603	7.1.20	20:00	49.97
न्यूनतम पंजीकृत मांग	Min. Registered Demand								
एस्सार	<u>ESSAR(ESIL)</u>								
पंजीकृत	Registered	1074	-	-	-	1074	20.1.20	14:00	50.04
असीमित	Unrestricted	1074	0	0	0	1074	20.1.20	14:00	50.04
न्यूनतम पंजीकृत मांग	Min. Registered Demand								
दमन एवं दीव	<u>DD</u>								
पंजीकृत	Registered	347	-	-	-	347	24.1.20	13:00	50.00
असीमित	Unrestricted	347	0	0	0	347	24.1.20	13:00	50.00
न्यूनतम पंजीकृत मांग	Min. Registered Demand								
दादरा व न हवेली	<u>DNH</u>								
पंजीकृत	Registered	816	-	-	-	816	6.1.20	19:00	50.01
असीमित	Unrestricted	816	0	0	0	816	6.1.20	19:00	50.01
न्यूनतम पंजीकृत मांग	Min. Registered Demand								
पश्चिम क्षेत्र	<u>WESTERN REGION</u>								
पंजीकृत	Registered	58643	-	-	-	58643	28.1.20	11:00	50.02
सीमित	Restricted								
असीमित	Unrestricted	58643	0	0	0	58643	28.1.20	11:00	50.02
न्यूनतम पंजीकृत मांग	Min. Registered Demand	35669				35669	02.01.2020	3:00	

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

List of Inter-state/Inter-Regional Lines- Parallel/ Radial Operation			
अनु.क्र.	समांतर/वृत्तीय प्रचालन	PARALLEL / RADIAL OPERATION	Total Operating Hours(HH:MM:SS)
एचवीडीसी लाइनें HVDC Lines			
1	एचवीडीसी बैक टु बैक लिंक विंध्याचल पोल 1	HVDC back-to back link Vindhyachal-Pole 1	741:49:00
2	एचवीडीसी बैक टु बैक लिंक विंध्याचल पोल 2	HVDC back-to back link Vindhyachal-Pole 2	744:00:00
3	एचवीडीसी मुँदरा टु महेनदरगढ़ पोले 1	HVDC Mundra-Mahendergarh Pole 1	744:00:00
4	एचवीडीसी मुँदरा टु महेनदरगढ़ पोले 2	HVDC Mundra-Mahendergarh Pole 2	744:00:00
5	एचवीडीसी चांपा टु कुरुक्षेत्र पोल 1	HVDC Champa-Kurukshetra Pole-1	708:03:00
6	एचवीडीसी चांपा टु कुरुक्षेत्र पोल 2	HVDC Champa-Kurukshetra Pole-2	744:00:00
7	एचवीडीसी चांपा टु कुरुक्षेत्र पोल 3	HVDC Champa-Kurukshetra Pole-3	729:01:00
8	एचवीडीसी बैक टु बैक लिंक भद्रावती पोल 1	HVDC back-to back link Bhadrawti Pole-1	570:47:00
9	एचवीडीसी बैक टु बैक लिंक भद्रावती पोल 2	HVDC back-to back link Bhadrawti Pole-2	735:06:00
अंतर-क्षेत्रीय लाइनें Inter-Regional Lines			
1	765 केवी सोलापुर से रायचूर -I	765kV solapur to Raichur I	744:00:00
2	765 केवी सोलापुर से रायचूर -II	765kV solapur to Raichur II	744:00:00
3	765 केवी वर्धा से निजामाबाद-I	765kV Wardha to Nizamabad I	744:00:00
4	765 केवी वर्धा से निजामाबाद-II	765kV Wardha to Nizamabad II	744:00:00
5	765 केवी ग्वालियर से फागी-I	765kV Gwalior to Phagi I	744:00:00
6	765 केवी ग्वालियर से फागी-II	765kV Gwalior to Phagi II	744:00:00
7	765 केवी ग्वालियर से आगरा-I	765kV Gwalior to Agra I	744:00:00
8	765 केवी ग्वालियर से आगरा-II	765kV Gwalior to Agra II	744:00:00
9	765 केवी धरमजयगड से न्यू रांची-I	765kV D'garh to New Ranchi I	744:00:00
10	765 केवी धरमजयगड से न्यू रांची-II	765kV D'garh to New Ranchi II	744:00:00
11	765 केवी धरमजयगड से झारसुगुड़ा-I	765kV D'garh to Jharsuguda I	744:00:00
12	765 केवी धरमजयगड से झारसुगुड़ा-II	765kV D'garh to Jharsuguda II	744:00:00
13	766 केवी धरमजयगड से झारसुगुड़ा-III	765kV D'garh to Jharsuguda III	707:07:00
14	767 केवी धरमजयगड से झारसुगुड़ा-IV	765kV D'garh to Jharsuguda IV	731:17:00
15	400 केवी कोल्हापुर से नरेंद्र I	400kV Kolhapur-Narendra I	744:00:00
16	400 केवी कोल्हापुर से नरेंद्र II	400kV Kolhapur-Narendra II	744:00:00
17	400 केवी कंसारी से भिनमल	400kV Kansari- Bhinmal	744:00:00
18	400 केवी कंसारी से कंकरोली	400kV Kansari- Kankroli	658:31:00
19	400 केवी रैप से सूजलपुर-I	400 kV RAPP-Sujalur I	744:00:00
20	400 केवी रैप से सूजलपुर-II	400kV RAPP-Sujalur II	744:00:00
21	400 केवी सिपत से रांची I	400kV Sipat-Ranchi I	744:00:00
22	400 केवी सिपत से रांची II	400kV Sipat-Ranchi II	744:00:00
23	400 केवी रायगढ़ से झारसुगुड़ा I	400kV Raigarh to Jharsuguda I	744:00:00
24	400 केवी रायगढ़ से झारसुगुड़ा II	400kV Raigarh to Jharsuguda II	716:30:00
25	400 केवी रायगढ़ से झारसुगुड़ा III	400kV Raigarh to Jharsuguda III	744:00:00
26	400 केवी रायगढ़ से झारसुगुड़ा IV	400kV Raigarh to Jharsuguda IV	744:00:00
27	400 केवी रायगढ़ से बुद्धिपदर	220kV Raigarh-Budhipadar	742:06:00
28	220 केवी कोरबा पूर्व से बुद्धिपादर-II	पश्चिम क्षेत्रीय भार (E) से कोरबा पूर्व, WRLDC, Mumbai 220kV K(R) to Budhipadar II	744:00:00

29	220 केवी कोरबा पूर्व से बुद्धिपादर-III	220kV K(E) to Budhipadar-III	744:00:00
30	220 केवी बदोड़ से साकतपुर	220kV Badod to Sakatpur	744:00:00
31	220 केवी भनपुर से मोडक	220kV Bhanpur to Modak	744:00:00
32	220 केवी महगाओं से औरैया	220kV Mehgaon to Auraiya	739:36:00
33	220 केवी मालनपुर से औरैया	220kV Malanpur to Auraiya	736:09:00
अंतर-राज्यीय लाइनें Inter-State Lines			
1	765 केवी सिवनी से वर्धा-I	765kV Seoni to Wardha-I	744:00:00
2	765 केवी सिवनी से वर्धा-II	765kV Seoni to Wardha-II	744:00:00
3	765 केवी दुर्ग से वर्धा -I	765kV Durg to Wardha I	556:50:00
4	765 केवी दुर्ग से वर्धा -II	765kV Durg to Wardha II	467:51:00
5	765 केवी दुर्ग से वर्धा -III	765kV Durg to Wardha III	647:49:00
6	765 केवी दुर्ग से वर्धा -IV	765kV Durg to Wardha IV	744:00:00
7	765 केवी धुले से वडोदरा-I	765kV Dhule to Vadodara I	723:24:00
8	765 केवी इंदौर से वडोदरा-I	765kV Indore(PG) to Vadodara I	744:00:00
9	765 केवी धरमजयगड से जबलपुर-I	765kV D'garh to Jabalpur I	495:54:00
10	765 केवी धरमजयगड से जबलपुर-II	765kV D'garh to Jabalpur II	344:46:00
11	765 केवी धरमजयगड से जबलपुर-III	765kV D'garh to Jabalpur III	345:53:00
12	765 केवी धरमजयगड से जबलपुर-IV	765kV D'garh to Jabalpur IV	486:58:00
13	765 केवी सिवनी से बिलासपुर-I	765kV Seoni to Bilaspur-I	744:00:00
14	765 केवी सिवनी से बिलासपुर-II	765kV Seoni to Bilaspur-II	744:00:00
15	400 केवी भिलाई से कोराडी	400kV Bhilai to Koradi	744:00:00
16	400 केवी भिलाई से भद्रावती	400kV Bhilai to Bhadravati	744:00:00
17	400 केवी भिलाई से सियोनि	400kV Bhilai to Seoni	744:00:00
18	400 केवी रायपुर से भद्रावती -I	400kV Raipur to Bhadravati-I	744:00:00
19	400 केवी रायपुर से भद्रावती -II	400kV Raipur to Bhadravati-II	744:00:00
20	400 केवी रायपुर से भद्रावती -III	400kV Raipur to Bhadravati-III	744:00:00
21	400 केवी रायपुर से वर्धा-I	400kV Raipur to Wardha-I	738:43:00
22	400 केवी रायपुर से वर्धा-II	400kV Raipur to Wardha-II	742:50:00
23	400 केवी सातपुरा से कोराडी	400kV Satpura to Koradi	743:06:00
24	400 केवी कोल्हापुर(GIS) से मापुसा-I	400kV Kolhapur(GIS)-Mapusa-I	744:00:00
25	400 केवी कोल्हापुर(GIS) से मापुसा-II	400kV Kolhapur(GIS)-Mapusa-II	740:42:00
26	400 केवी खंडवा से धुले-I	400kV Khandwa-Dhule-I	744:00:00
27	400 केवी खंडवा से धुले-II	400kV Khandwa-Dhule-II	735:49:00
28	400 केवी एसएसपी से धुले-I	400kV SSP-Dhule-I	575:25:00
29	400 केवी एसएसपी से धुले-II	400kV SSP-Dhule-II	608:30:00
30	400 केवी वापी से बोईसर	400kV Vapi-Boisar	744:00:00
31	400 केवी एसएसपी से राजगढ़-I	400kV SSP- Rajgarh -I	714:36:00
32	400 केवी एसएसपी से राजगढ़-II	400kV SSP- Rajgarh -II	704:15:00
33	400 केवी कासोर से राजगढ़-I	400kV Kasor- Rajgarh -I	736:38:00
34	400 केवी कासोर से राजगढ़-II	400kV Kasore- Rajgarh -II	735:10:00
35	400 केवी इंदौर से असोज-I	400kV Indore to Asoj-I	744:00:00
36	400 केवी इंदौर से असोज-II	400kV Indore to Asoj-II	744:00:00
37	400 केवी कोरबा से बीरसिंगपुर I	400kV Korba-Birsigpur I	734:50:00
38	400 केवी कोरबा से बीरसिंगपुर II	400kV Korba-Birsigpur II	734:25:00
39	400 केवी कोरबा से एस्सार महान	पश्चिम क्षेत्रीय भार प्रेषण केंद्र, मुंबई WRLDC, Mumbai 400kV Korba-Essar Mahan	712:55:00

40	400 केवी कोरबा से विंध्याचल	400kV Korba-Vindhyachal	738:58:00
41	400 केवी नागदा से देहगाम-I	400kV Nagda to Dehgam I	742:08:00
42	400 केवी नागदा से देहगाम-II	400kV Nagda to Dehgam II	736:57:00

जनवरी 2019 के अंत में पश्चिम क्षेत्र के मुख्य जलाशयों के स्तर

LEVEL OF MAJOR RESERVOIRS IN WESTERN REGION AT THE END OF MONTH OF January 2020

विवरण Particulars	गु उ वि नि लि GUVNL	मप्रविउकं लि MPPGCL	एन एच डी सी NHDC	मराविउकं लि MSEGCL
	उकाई Ukai	गांधीसागर Gandhisagar	इंदिरा सागर Indira Sagar	कोयना Koyna
Levels in Mtrs. स्तर मीटर में				
माह के अंत में At the end of the month	103.61	398.24	259.25	653.61
पिछले वर्ष इस माह के अनुरूप आंकड़ें Corresponding Figure of the month Last Year	93.07	387.03	257.30	651.97

Western Region-Event Report for January 2020

Annexure 5

S.No	Region	Name of Elements	Owner/Agency	Outage		Revival		Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Category as per CEA standards	Energy Unserved (MU)
				Date	Time	Date	Time	Time					
1	WR	Tripping of 1.400kV Bus-4 at VSTPS 2.400kV VSTPS-Sasan 3.400kV VSTPS-KSTPS 4.400kV VSTPS-Jabalpur-1 5.400kV VSTPS-Satna line-2 6.400kV Sasan-Rewa 7.VSTPS Unit-8 8.500 kV HVDC Vindhyachal Pole 1	NTPC	1/3/2020	5:12	1/3/2020	6:00	0:48	At 400 kV VSTPS Power station, due to heavy lightening, tracking of B-phase CT of Bus Section 2 taken place and resulted in tripping of all the elements connected to 400 kV Bus 4 on busbar differential protection operation.	300	Nil	GI-2	Nil
2	WR	Tripping of 1. 400 kV Indira Sagar(ISP)-Indore 2 2.ISP Units 5,6,7&8	NHDC	1/7/2020	14:09	1/7/2020	14:49	0:40	At 400 kV ISP Hydro power station, during the R-E fault on 400 kV Isp-Indore 2, ISP generating units (Unit 5,6,7&8) tripped on generator Over current protection operation. As intimated by NHDC, after the event, the Generators over current (Definite Time) relay setting is modified as 1.21n, 500msec	495	Nil	GI-2	Nil
3	WR	Tripping of 1.400 kV Amreli Bus 2 2.400 kV Amreli-Chorania 1 3.400/220 kV Amreli ICT 1&4 4.400 kV Amreli-Jetpur 2 5.400 kV 50 MVAR Kasor 1 reactor	GETCO	1/8/2020	11:24	1/8/2020	12:22	0:58	At 400 kV Amreli s/s, 400 kV Bus 2 and all the elements connected to it tripped on B phase fault indication but there was no actual fault in the system. The same event reoccurred at 14:16 Hrs.As reported by GETCO the Central Unit of the BB relay maloperated and gave trip command even though there was no actual differential current.	Nil	Nil	GI-2	Nil
4	WR	Tripping of 1.400kV Chandrapur Bus-1&2 2.400kV Chandrapur-Bhadravati -1,2,3&4 3.400kV Chandrapur-Parli (Girwali) 4.400kV Chandrapur-Chandrapur -1&2 5.400kV Chandrapur-Khaparkhedha - 2 6. ± 500kV HVDC Chandrapur-Padghe Pole-1&2 7.400/220kV Chandrapur ICTs-1&2 8.Chandrapur 210 MW Units 3&4 9.Chandrapur 500 MW Units 5&6	MSETCL	1/18/2020	12:36	1/18/2020	13:40	1:04	At 400 kV Chandrapur, 400kV Main Bus I & Bus II tripped simultaneously on operation of 96 trip relay (of ABB RADSS scheme) without any actual fault in the system.	1067	Nil	GD-1	Nil
5	WR	Tripping of 1. ± 800 kV HVDC Champa-Kurukshetra Poles 1&3	PGCIL	1/10/2020	9:24	1/10/2020	9:59	0:35	At 09:24 Hrs, 'Instability Detected' Alarm appeared in pole-3 at Kurukshetra end and pole-3 tripped on CatA2 protection. Due to improper isolation of parallel pole(pole-1), pole-1 blocked on Cat B protection. After resetting pole protection, pole-1 deblocked on 10.01.2020 at 09:59 Hrs.	Nil	Nil	GI-2	Nil
6	WR	Tripping of 1.400 kV Chakan Bus 2 2.400 kV Chakan- Pune 3.400/220 kV Chakan ICT 2	MSETCL	1/19/2020	15:21	1/19/2020	16:58	1:37	At 400 kV Chakan s/s,commissioning of 400/220 kV ICT-3 was in progress. For this work 400 kV spare line bay was being made ready for shifting of 400 kV Talegaon line.Trip positive extended erroneously to LBB protection scheme and resulted in tripping of 400 kV Chakan Bus 2 and all the connected elements.	Nil	Nil	GI-2	Nil

7	WR	Tripping of 1. ± 800 kV HVDC Champa-Kurukshetra Poles 1&3	PGCIL	1/19/2020	20:45	1/19/2020	22:25	1:40	800 kV HVDC Champa-Kurukshetra Poles 1&3 blocked on Filter power limit	Nil	Nil	GI-2	Nil
8	WR	Tripping of 1.220 kV Raigarh(PG)-Raigarh 1,2&3 2.220 kV Raigarh(PG)- Budhipadhar	PGCIL	1/26/2019	1:58	1/26/2019	3:31	1:33	At 400/220 kV Raigarh(PG), all 220 kV lines tripped on Over Voltage protection operation. The O/V trip for 220 kV lines were enabled on 25-01-2020 as per third party audit recommendation by CPRI. As reported by PGCIL, the same was disabled after the event.	Nil	250	GI-1	0.3875
9	WR	Tripping of 1.220 kV Ranasan Bus 1 2.220 kV Ranasan- Dehgam 1 3.220 kV Ranasan- Gandhinagar 1 4.220 kV Ranasan- Karamsad 1 5.220 kV Ranasan- Kapadvanj 1 6.220/132 kV Ranasan ICTs 1&2	GETCO	1/26/2020	14:52	1/26/2020	15:26	0:34	At 220 kV Ranasan s/s, during erection of new lighting doom by contract Labour, supply cable came in induction zone of 220kV Kapadvanj line-1 between BUS-A isolator B phase jumper and post insulator. This resulted in tripping of 220 kV Ranasan Bus 1 and all connected elements on Bus bar protection operation.	Nil	Nil	GI-1	Nil
10	WR	Tripping of 1.220 kV Kolhapur(MH)- Five star 1 2.220 kV Kolhapur(MH)- Ichalkaranji 1 3.220 kV Kolhapur(MH)- Bidri 4.220 kV Kolhapur(MH)- Hamidwada 5.400/220 kV Kolhapur(MH) ICTs 1&2	MSETCL	1/27/2020	13:45	1/27/2020	14:10	0:25	At 400/220 kV Kolhapur(MH) s/s, Yph insulator string of 220 kV Bus1 blasted and resulted in tripping of all the elements connected to 220 kV Bus 1. As the 400/220 kV 500 MVA ICT 3 was already under outage, the downstream load of 180 MW got affected.	Nil	180	GI-1	0.075
11	WR	Tripping of 1. 220 kV Sayli-Khadoli	DNH	1/29/2020	12:12	1/29/2020	12:55	0:43	220 kV Vapi- Sayali line was under planned outage from 09:24 Hrs of 24-01-2020 for LILO works of 220kV Vapi-Sayali line at Vaghachipa SS of DNH. Due to tripping of 220 kV Sayali- Khadoli on R-Y fault, around 75 MW load loss at Sayali in DNH.	Nil	75	GD-1	0.05375

Disclaimer : The Above details are based on the preliminary/flash report of the event and may change after finalisation of the detailed report. The quantum of load/generation loss is based on details given by SLDC and utility and may vary later with updated details.

Annexure-6**Status of healthiness of SERs/DRs**

S.I. No.	Name of Constituent	Date Receipt
1	PGCIL,WRTS-I	07.01.2020
2	PGCIL,WRTS-II	07.02.2020
3	MPPTCL	15.11.2019
4	NTPC	15.11.2019
5	CSPTCL	05.02.2020
6	GETCO	05.10.2018
7	MSETCL	06.12.2019
8	DD/DNH	17.08.2018
9	GOA	02.10.2018
10	NPCIL	01.12.2019
11	NCA/SSP	04.11.2019
12	NHDC	04.10.2018
13	Jindal PL	17.08.2018
14	CGPL	05.10.2018
15	DB POWER	03.04.2019
16	KWPCL	01.03.2019
17	ACBIL/TRN ENERGY	04.10.2018
18	KSK	02.01.2019
19	GMR CHHATTISHGARH	21.08.2018
20	JNSTPS	07.01.2020
21	MB POWER	09.08.2018
22	SASAN UMPP	21.08.2018
23	NSPCL	21.08.2018
24	RGPPL	06.10.2018
25	SUGEN/DGEN	03.02.2020
26	RKM POWER	05.10.2018
27	ESSAR POWER	09.08.2018
28	BDTCL/JTCL/RTCL	08.10.2018
29	Adani Maharashtra TRANSMISSION	04.12.2018
30	ADANI POWER	05.01.2020
31	JHABUA POWER	04.10.2018
32	EPTCL	05.10.2018
33	TPGL	02.01.2020

Status of Reactors

Sl. No.	400 kV Sub/Stn.	Size (MVar)	Implementing agency	Expected date of commissioning
1	Kurud (Dhamtari)	50	CSPTCL	
2	Dhule	125	MSETCL	Jul 2020. 50% Civil works completed
3	Koradi 2	125	MSETCL	12 months from date of handing over of site. 1 no of 125 MVAR 400 kV Reactor is received on dt.22.03.2019 LOA issued on 21/11/19 for civil & erection work.
4	Kharadpada	125	MSETCL	LOA issued on 21/11/19 for Civil, supply & erection work. 12 months from date of handing over of site.
5	Chndrapur	125	MSETCL	1 no of 125 MVAR 400 kV Reactor is received. LOA issued on 21/11/19 for civil & erection work.
6	Akola II	125	MSETCL	LOA to be issued
7	Nanded	125	MSETCL	LOA to be issued
8	Bhusawal	125	MSETCL	LOA to be issued
9	Dhule	125	MSETCL	LOA to be issued
10	Lonikhand-II	125	MSETCL	Tender under process at C.O.
11	Mandsaur	125	MPPTCL	Planned to commission in 2020-21
12	Indira Sagar	125	MPPTCL	Planned to commission in 2020-21
13	Ujjain new SS	125	MPPTCL	Planned to commission in 2020-21
14	Chhegaon	125	MPPTCL	Planned to commission in 2020-21

Annexure 7.2**Status of Transmission schemes: 765/400 kV and above**

The updated status on various ongoing transmission schemes for the year 2018-19 as per the current information available is as follows: -

Sl. No.	Name of the Line	Ckt km	Target Completion Date as per TRM on 07.05	Revised estimated target date	Remarks
Powergrid					
1	LILO of Lonikhand-Kalwa at Navi Mumbai GIS-JSL/LS Cable	16	Mar 19		Ready from May 19. Works pending with MSETCL
2	800 kV Raigarh-Pugalur HVDC Bipole	3676	March-19	Feb 20	Work under progress
3	400 kV D/c Wardha-Aurangabad (Upgradable to 1200 kV)	347	February 19	Dec 19	Work is in progress
4	400kV D/C Banaskantha (Radhanesda) - Banaskantha (PG) T/L.	132	Sep 19	Mar 20	WIP
4	765kV D/C Vindhyaachal - Varanasi T/L. (WR-II Portion Only)	183.5	Aug 20	Aug 20	WIP
Chhattishgarh					
1	LILO of 400kV Raita-Jagdalpur at Dhamtari	2	Aug 19	Dec 19	Work under Progress
2	220 kV Barsoor-Jagdalpur	175	Mar 19	Dec19	
3	220kV Gurur-Kurud (Bangoli)	73.6	Aug 19	Nov 19	

4	LILO of 220kV Korba(E)-Siltara at DSPM	3		Nov 19	Line work in progress and for feeder bay works tender to be issued shortly
5	LILO of 220 KV Mopka-Bhatapara Circuit & 220 KV Mopka-Siltara Circuit on multicircuit tower at proposed 220/132 KV S/s at Dherdehi (Bilaspur)	128	July 18		Charged on 25.09.2019
6	Second circuit of 220kv Bemetara-Mungeli	39.58	Jul 19	Nov 19	WIP
Gujarat					
1	400 kV D/C Vadinar-Amreli line	116.85	Aug 19		400kV Hadala-Jetpur made LILO at Amreli through Vadinar-Amreli line (Pkg-1) at Amreli S/s on 22.11.13 (Stop Gap).
2	400kV APL-Hadala LILO to Halvad	89.40	June 19	Dec 19	Work in Progress
3	400 kV D/C Amreli-Kasor line	164.30	June 19	Mar 20	WIP(Severe RoW Problem)
4	400kV D/C Vadavi - Halvad Line	146.4	March 19	Mar 20	WIP
5	400 kV Varsana-Halvad	143.38	June 19		
6	400 kV Wanakbori-Soja DC	121.75 8	Jun 19	Jun 19	WIP(package-I charged on 30.03.2019)
7	400 kV Soja-Zerda DC	268.92	Jun 19	Jun 19	WIP(RoW Problem)
8	400 kV Hadala-Shapar D/c	124.34	Mar 19	Mar 20	WIP
9	400 kV Bhogat- Kalawad D/C	260.57	Mar 20	Mar 20	
10	400 kV Bhachuunda-Varsana D/c	276.16	June 20	June 20	

11	LILO of both ckt. of 400kV D/C Mundra - Zerda line at 400kV Charanka S/s	25.76	Mar 19		WIP
12	400KV mundra-zerda line-I	664	MAR 20(Packa ge-3)	Mar 20	WIP(Severe RoW Problem)
13	400KV LILO wanakbori-soja line 2 at Dehgam	12.9	Jul 19		WIP
14	400KV D/C shapar-Fedra(pachchham) Line	346	Jun 21		WIP
Madhya Pradesh					
1	400KV DCDS Line for LILO of one circuit of Satna (PGCIL)-Bina(PGCIL) 400kV line at Sagar 400kV S/s	49.90	Sept.'19	Mar 20	WIP
2	400kV DCDS line from Nagda 400kV S/s to Mandsaur 400kV S/s	137.32	June'20	June 20	WIP
3	400kV DCDS line from Ashta 400kV S/s to Ujjain 400kV S/s	179.47	Apr'20	Apr 20	WIP
4	400kV DCDS line from Indore (PGCIL) 765kV S/s to Ujjain 400kV S/s	90.46	Apr'20	Apr'20	WIP
5	400kV DCDS line from Nagda 400kV S/s to Ujjain 400kV S/s	106.86	Apr'20	Apr'20	WIP
	220KV				
1	2nd circuit of 220kV Satna-Chhatarpur line	160	Mar'20		Line charged on 29.08.2019 (153 Kms charged from 220KV Chhatarpur)

2	220kV Sabalgarh-Sheopur kalan line	212.32 2	Dec.2019		
3	LILO of one circuit of Ashta-Dewas 220kV DC line at 220kV S/s Chapda	65.56	Mar'20		
4	220kV DCSS line from Pithampur-Depalpur line	75.17	March'20		
5	LILO of one circuit of Bhopal-Hoshangabad DC line at 220kV S/s Adampur	5.84	Mar'20		
6	220kV DCDS Julwaniya-Kukshi line	125.80	Jun'20		
7	LILO of both circuits of 220kV Badnagar-Ratlam DC line at 400kV S/s Badnawar	27.55	March'20		
8	LILO of 220 KV Sarni-Pandhurna at 400 KV (PGCIL) Substation Betul	77.73			
9	220kV DCDS line from Kanwan 220kV S/s to Dhar 220kV S/s	62.78	March'20		
10	220 KV Line for LILO both circuit of Nagda-Neemuch 220kV line at Mandsaur(Sitamau) 400kV Sub-station	101.14	Jun'20		
11	220kV DCDS line from Mandsaur (Sitamau) 400kV S/s to Maruti Shakti Pool 220kV S/s(Nipaniya)	92.92	Jun'20		
12	220kV DCDS line from Betul 220kV S/s to Gudgaon 220kV S/s	93.54			
13	220kV DCDS line from Neemuch 220kV S/s to	88.20	Dec'19		

	Ratangarh 400 kV S/s				
14	2nd circuiting of Ratlam Switching Daloda 220 KV DCSS	71.56			
15	220 KV line for LILO of Ratlam-Daloda 220kV line at Jaora 220kV S/s	7.13	March'20		
16	220 KV DCDS line from Ujjain 400 KV S/s to Susner (Nalkheda) 220 KV S/s	151.19			
17	220KV Line for LILO both circuits of Ujjain-Badod at Ujjain 400kV S/s	24.80	Apr'20		
18	220KV Line for LILO both circuits of Ujjain-Nagda 220kV line at Ujjain 400kV S/s	43.18	Apr'20		
19	220kV DCDS line from Badod 220kV S/s to Susner (Nalkheda) 220kV S/s	104.55	Jun'20		
20	220kV DCDS line from Rajgarh(B) 220kV S/s to Susner (Nalkheda) 220kV S/s	124.00	Jun'20		
21	LILO of one ckt of 400 KV Khandwai- Rajgarh PGCIL line at 400 KV Chhegaon Substation	3.78			
22	220 KV Chhatarpur - Tikamgarh DCSS line	90.52			
23	220 KV DCDS UMSP Rewa 400(Gurh) - Sidhi 220 KV	99.35			
24	220 KV DCDS line from 400 KV Itarsi (PGCIL) - 220 KV	59.88			

	S/s Budhni (MPPTCL/New)				
Maharashtra (STU)					
1	400 kV Bableshtar-Kudus D/C (Quad)	150	March 19	Mar 20	Forest clearance awaited, severe ROW problem
2	New Parli(PG)-Solapur ckt-I & II	118			Commissioned on 24.04.2018
3	400 KV D/C Jejuri-Hinjewadi Line(Jejuri-Wainjhar) Package-I.	101	March 19	March 20	WIP
4	400 KV D/C Jejuri-Hinjewadi Line (Wainjhar- Hinjewadi) Package-II.	92.67	Mar 19	March 20	WIP
5	LILLO on another Ckt of 400KV Bhusawal II - Aurangabad-I for Thaptitanda	177.37	Dec 19	Dec 19	WIP
6	220 kV M/C line, LILLO on 220 kV Boisar (M) - Borivali express feed-II at Boisar (PG) s/s		Jun 19	Jun 19	WIP
Other ISTS lines					
1	765KV D/C Khandwa Pool (KTL)-Indore (PGCIL) Line(Sterlite)	180	July 19	Jan 20	
2	765KV D/C Khandwa Pool (KTL)-Dhule (BDTCL) Line(Sterlite)	379	July 19	Jun 20	
3	400KV D/C Khargone TPP Switchyard (NTPC)-Khandwa Pool (KTL) Line(Sterlite)	49	July 2019	Jan 20	

4	Inter- connection with Xeldem (existing) substation through 220kV D/c line with HTLS conductor (ampacity equivalent to twin moose conductor)	29.17	Jun-20	Jun-20	Actual COD : May -21
5	LILO of one ckt. of Narendra (existing) – Narendra (New) 400kV D/c quad line at Xeldem	93.67	Apr-21	Apr-21	WIP
6	Dharamjaygarh Pool Section B – Raigarh (Tamnar) Pool 765 kV D/c line	70	Jun-20	Dec 20	Actual COD : July -21

The WR utilities may intimate the current status on above.

Annexure 7.3

Status of Generating Units in WR

The status regarding Generating units, commissioned /expected to be commissioned during the current year 2018-19 is as below:

Name of the Power Projects	Unit No.	Capacity (MW)	Date of Commissioning /Schedule Date
Gujarat			
Chhattisgarh			
NIL			
Maharashtra			
NIL			
Madhya Pradesh			
NIL			
Central sector/IPP			
NTPC khargone	UNIT 2	660	January 2019

Reporting Format to the PSDF Project Monitoring Group

1. Name of the Scheme					
1.1 Name of the substation and its Location					
1.2 Executing Agency					
1.3 State/Region					
2. Date of Sanction order					
2.1 Date of Agreement of Entity with State Govt./NLDC					
2.2 Total Approved Cost of the Scheme					
2.3 Approved Grant by Monitoring Committee (Rs. In Lakhs)					
2.4 Date of Requisition by the Entity					
	2.4.a) date and Reference of LOA				
	2.4.b) Amount of LOA				
2.5 Date of Disbursement and amount					
	2.5.1 : Ist Installment				
	2.5.2: IInd installment				
	2.5.3: IIIrd installment				
2.6 Date of Scheduled completion of Work					
2.7 Date of handing over of Site to entity (in case of turnkey projects)					

Report for the Month of MM / YY

No.	Supply Description	Qty. AS PER LOA	Quantity Received during Month	CUMMULATIVE PROGRESS Till date		BALANCE	Remarks
				Sch.	Act.		
1	item Details						
1.1							
1.2							
....							
	Erection Description	works as per LOA	Progress During Month	CUMMULATIVE PROGRESS Till date		Balance	
2	work details						
2.1							
2.2							
....							
3	Others						
Signature with seal of the Nodal Officer							