



MINUTES OF 172nd OCC MEETING

**Date: 19.10.2020
Eastern Regional Power Committee
14, Golf Club Road, Tollygunge
Kolkata: 700033**

Eastern Regional Power Committee

Minutes of 172nd OCC Meeting held on 19th October 2020

The meeting was conducted through Microsoft Teams online platform. List of participants is enclosed at **Annexure A**.

PART A

Item No. A.1: Confirmation of minutes of 171st OCC meeting of ERPC held on 25.09.2020.

The minutes of 171st OCC meeting were uploaded in ERPC website and circulated vide letter dated 08.10.2020 to all the constituents.

Members may confirm the minutes of 171st OCC meeting.

Deliberation in the meeting

Members confirmed the minutes of 171st OCC meeting.

PART B: ITEMS FOR DISCUSSION

Item No. B.1 Payment of fixed charges by minority stakeholders during the unit in RSD -- Bihar.

It is to submit that whenever an ISGS Unit is taken under RSD, the stakeholders of ISGS Unit, having lower share has to bear huge loss due to the applicability of fixed charges * of respective power share quantum allotted to them. In this case, even if the stakeholder with lower share (minority stakeholder) requires its power share quantum, the same cannot be availed as it is not scheduled because of technical minimum generation limit as per the regulations.

To fulfill the minority stakeholder requirement, following compensation options are suggested:

1. In case, a Generator Unit has multiple stakeholders and a few majority stakeholders exceeding 45% of power share (either individually or collectively) decides to take this unit under RSD then as per the existing provisions, the unit is put under RSD and those stakeholders who hold less than 45% of power share (either individually or collectively) are made to pay fixed charges without consenting to RSD of the Unit. It is proposed that in such cases the Generator should try to fulfill the requirement of minority stakeholders either by offering the balance quantum (out of technical minimum generation) to the minority stakeholders or to explore the possibility of selling the un-requisitioned quantum (out of technical minimum generation) in Open Market. If any loss is incurred in this arrangement, it may be realized from those stakeholders who have requested for RSD.
2. As the unit is taken under RSD at the request of majority stakeholder, the Generator should raise the fixed charges bill of minority stakeholder in the account of majority stakeholder as the minority stakeholder is fulfilling its requirement from other sources and is paying for same.

3. Majority stakeholder may be offered to buy the quantum of power which enables the Generator to meet the technical minimum generation requirement after accounting for the minority stakeholder for the Unit.
4. In case the unit is taken under RSD, the Generator should make arrangement to fulfill the share of minority stakeholder from other sources.

*As per clause 5.9 of SOP by CERC.

The beneficiaries shall continue to bear the capacity charge corresponding to Total DC.

The issue was discussed in 43rd Commercial sub-Committee Meeting of ERPC held on 21.09.2020 wherein committee agreed with the concerns raised by Bihar and agreed that 'the issues faced by minority beneficiaries in case of unit RSD are real and need to be addressed'. Members also opined that 'there is a need to review the detailed operating procedure for RSD to suitably address the concerns of minority beneficiaries.

Deliberation in the meeting

BSPHCL explained that, as per the existing provisions the majority stakeholders decide when to put the generating unit on RSD without taking consent from the minority stakeholders. In such cases even if the minority stakeholders need the power, they are not getting the power from the generating stations and they have to bear the fixed charges. BSPHCL proposed to review the procedure of accepting the unit under RSD.

GRIDCO endorsed the BSPHCL proposal and suggested to make provisions for providing the power from other generating stations without fixed charges as the beneficiary is already paying the fixed charges for unit which is under RSD.

Further, NTPC Patna informed that a similar kind of issue was raised by Telangana. Thereafter NLDC communicated to CEA that the RSD issue could be addressed through SCED. The same is under discussion stage.

After detailed deliberation, OCC opined that the existing procedure on RSD has been approved by CERC, so the issue is needed to be taken up with CERC for necessary amendment.

OCC referred the issue to TCC and ERPC for their guidance.

Item No. B.2 Outage of 220kV Amnour S/s in Bihar due to flood—ERLDC.

On 5th October at 23:37 Hrs, 220/132/33kV Amnour Substation was manually switched off due to sever flood leading to around 115 MW load interruption.

In view of above Bihar may submit a report including the followings:

- Arrangement made for supplying loads that were originally catered from 220/132kV Amnour S/s.
- Loads to which there is restriction in supply, if any, on account of the alternative arrangement made
- Whether any equipment has been damaged in Amnour 220/132kV S/s, due to the flood
- Whether any nearby 220kV or 132kV line has been damaged or is under threat due to the flood
- Action taken or planned to prevent such contingency in future.

BSPTCL may explain.

Deliberation in the meeting

Bihar informed that after the outage of Amnour S/s, the loads at Sitalpur area and Bela Rail-Coach factory were fed from Hazipur by charging the 220kV Hazipur – Amnour line at 132kV level and full usage of spare capacity available in Gopalganj lines. Even after all these arrangements they are having shortage of power at Ekma, Raghunathpur, Siwan and Chhapra.

Bihar further informed that the water level in the area has receded & the restoration work in the control room is in full swing. They are expecting to restore one 220/132KV transformer, one line to Sivan and one line to Chhapra by 20th Oct 2020. As far as 33KV load from Amnour is considered, it would take another 2 – 3 days.

OCC advised Bihar to complete the restoration work at the earliest and take the necessary action to avoid such incidences in the substation in future.

Item No. B.3 Renewal of Maintenance & Support services of PSSE license and exchange of old sentinel dongles with new Cm dongles

The Maintenance & Support (M&S) services of the PSS®E Software which was supplied by SIEMENS Ltd. & handed over in the year 2012 has immensely facilitated sharing of information & data related to transmission system planning under ISTS as well under Intra-STS and has also helped in capacity building of the personnel involved. For continued facilitation for coordination in sharing the data for transmission system planning, POWERGRID has renewed the M&S services of PSS®E license by SIEMENS Ltd. for further 5 years starting from August, 2020 for CERC, RPCs, CEA & STUs and POWERGRID shall bear the cost of above renewal.

As per the M&S agreement, SIEMENS needs to supply new Cm dongles as an exchange to the old sentinel dongles of PSS®E, as old dongles would not work with updated PSS®E Version 35. However, new Cm dongle would work with PSS®E V34 & V33.12. A communication in this regard from SIEMENS including the details of the dongle licenses covered under the agreement is enclosed as **Annexure B3**.

It is requested to provide following details to SIEMENS directly **with a copy to Powergrid** so that SIEMENS can start the dongle exchange process & supply of **PSS®E V35**.

Entity name:
Dispatch Address:
Primary contact:
Secondary contact:
Email Id:
Mobile Number:

The details of SIEMENS representatives who would be involved in the PSS®E dongle exchange process is given below:

1. Vikas Chaturvedi Mobile: +91 9654841659 Email: vikas.chaturvedi@siemens.com	Siemens Limited RC-IN SI DG SW S Plot 6A, Sector 18 Gurugram 122 015 Tel.: +91 124 6246 680 Fax: +91 124 2846 620 Mobile: +91 96548 41659
2. Hitesh Chauhan Mobile: +91 9560727765 Email: hitesh.chauhan@siemens.com	

For any further clarifications in the matter you may write to Powergrid at anilsehra@powergridindia.com & i.anupamk@powergridindia.com or may also contact directly to SIEMENS on the details provided.

Members may note.

Deliberation in the meeting

OCC advised all the state utilities to provide the relevant details to SIEMENS with a copy to Powergrid so that they can get the new Cm dongles through courier along with the detailed procedure to return the old Cm dongles to SIEMENS.

SLDC Odisha and Bihar informed that licenses of SLDCs were not included in the list only transmission utility licenses were included in the list.

In this regard, SLDC, Odisha has already taken up the issue with CTU. Thereafter CTU vide letter informed that CTU has renewed the licenses of CERC, RPCs, CEA & STUs and POWERGRID without any liability on POSOCO.

Item No. B.4 Outage of important transmission system.

1. 400/220 KV GIS Darbhanga (DMTCL)--Bihar

In the 171st OCC Meeting, DMTCL informed that they have send their representatives to Balia and Lucknow substations of Powergrid wherein similar kind of situations had been dealt with. Accordingly, they have come up with a set of action plans which include construction of RCC wall around the substation, fitting of NRV's in the drainage systems, Plinth protection inside substation and lifting of battery & DG sets from the floor by 300mm.

DMTCL further informed that their action plans would be implemented by end of November 2020.

Thereafter OCC advised DMTCL to take necessary actions at the earliest to prevent such type of incidences in future.

DMTCL may update.

Deliberation in the meeting

DMTCL informed that they have raised the height of panel in their substation and constructed a concrete boundary wall to avoid the flooding inside the substation. The work would be completed by the end of December 2020.

OCC advised DMTCL to complete the work at the earliest.

2. 400 kV Barh-Motihari D/C and 400 kV Motihari -Gorakhpur D/C lines.

In the 171st OCC Meeting, ERLDC requested DMTCL to bring one more circuit of 400kV Barh-Motihari so that reliable supply could be maintained at Motihari S/s.

DMTCL informed that they require 10 working days to restore the 2nd circuit of 400kV Barh-Motihari but because of heavy water in the river they are unable to start the work. DMTCL added that the line would be restored within 10 days as and when they get the opportunity to work.

DMTCL further informed that permanent restoration of 400 kV D/C Barh-Motihari-Gorakhpur Lines would take 5 months from the date of start of work after receding of the water level.

OCC advised DMTCL to put all out efforts to restore the line on permanent towers at the earliest.

DMTCL in a mail dated 9th Oct 2020 updated the progress of restoration work of the Barh-Motihari and Motihari-Gorakhpur line. The presentation is given in **Annexure B4.2 (Latest update)**.

DMTCL may update.

Deliberation in the meeting

DMTCL informed that as of now there is no progress in restoration work of 400kV Barh-Motihari line-2 and 400kV Motihari-Gorakhpur lines. They are continuously monitoring the site condition and they would start the restoration work as soon as the water level recedes to working conditions.

OCC advised Sekura to start the permanent restoration work at the earliest and provide a tentative schedule for completion of work.

ERLDC also informed that SCADA data of NTPC Barh is not reporting to ERLDC.

OCC advised NTPC Barh to extend necessary help to DMTCL for providing the data to ERLDC latest by 30th Oct 2020.

NTPC agreed.

3. 400 kV Kishenganj-Patna D/C lines:

In 170th OCC Meeting Powergrid informed that they will complete the permanent restoration work of lines by last week of December 2020.

Powergrid may update.

Deliberation in the meeting

Powergrid informed that the line shutdown had been taken from 15th Oct 2020 for permanent restoration work in the river Ganges and the line would be restored by 20th Oct 2020.

Powergrid added that pile work and erection of tower in Kosi river is in progress and they would take the shutdown of the line in December 2020 for permanent restoration.

On query regarding restoration of 400kV Farakka – Purnea & Farakka – Gokarno lines, Powergrid informed that they are planning for temporary restoration through ERS by the end of Dec 2020.

OCC advised Powergrid to submit a detailed report to ERPC & ERLDC.

Item No. B.5 Issues related to 132kV Patrattu (DVC) S/s - PTPS(JUSNL) D/C tie lines-- DVC.

DVC informed that there are two tie lines between 132kV Patrattu (DVC) S/s and PTPS(JUSNL) S/s. JUVNL approached DVC for clearance of Diversion of the above Tie ckts for construction of Ash-dyke area of new 2X800MW PTPS Project (a JV with NTPC). As per Commercial Clearance (Vide no. COML/Diversion/PTPS-5130 dated 26.02.2020), it was decided that 132kV multi-ckt tower will be used for the diversion job, where one side (i.e. left side from existing location no. 14 to gantry at PTPS end) will be utilized for DVC's Transmission lines and the other side for JUSNL's transmission lines.

Accordingly, the Tie-ckt 85(5c) was normalized through the top left side of the Multi-ckt tower on Dt.-09-05-2020. But the other tie-ckt(84(6C)) could not be normalized till date because of concerns raised by JUSNL on the proposed scheme of Construction Clearance. The issue has been explained in detail enclosed at **Annexure-B6**.

In view of the importance of radial-mode power assistance from PTPS(JUSNL) to Patrattu (DVC) & NKP(DVC) S/s under exigency, the early restoration of the above tie is most urgent.

DVC may explain. JUSNL may respond.

Deliberation in the meeting

After detailed deliberation, OCC advised ERPC Secretariat to convene a separate meeting with DVC and JUSNL to arrive at an amicable resolution.

Item No. B.6 Metering issues related to LILO of the 132 KV Rihand (Pipri UPPTCL) – Sonenagar (BSPTCL) at Nagaruntari TSS--JUSNL

For the work of electrification of Garhwa Road – Chopan-Singrauli section, the power supply to overhead equipment must be fed from Nagaruntari Traction sub-station of Railway, which falls in the state of Jharkhand. The nearest 132 KV source in the state of Jharkhand is Garhwa Grid substation which is 45 Km away from Nagaruntari Railway traction Sub-station. As such feeding of Nagaruntari Railway Traction Sub-station from Garhwa Grid Sub-Station will involve lots of ROW issues and huge expenditure. There is 132 KV D/C Transmission line connected between Rihand (Pipri) of UPPTCL and Sone Nagar GSS of BSPTCL which is 03 Km from Nagaruntari TSS which can be used for giving 132 KV supply to 132 KV Nagaruntari Railway traction Sub-station by making LILO arrangement from running transmission line. As ownership of above 132 KV line is with BSPTCL and Nagaruntari falls in the state of Jharkhand, permission and power allocation is required from Bihar State Power (Holding) Company Ltd. (BSPHCL). Railway may avail power through open access also.

Railway has made correspondence and meeting with JUSNL, UPPTCL and BSPTCL authorities. UPPTCL has given their no objection for construction of LILO from Ckt. -I of 132 KV Rihand – Sone Nagar Inter State Transmission Line vide letter no. 1622 dated ETD (M)/Traction dated 22.11.2014.

BSPTCL has also issued no objection for construction of LILO from Ckt. -I on 132 KV Rihand (Pipri) – Sone Nagar Inter State Transmission Line vide their letter no. 983 dated 17.02.2016.

JUSNL has already constructed above mentioned LILO as well as 132 KV bays in the TSS, Nagaruntari of Railway based on request by Railway and NOC by BSPTCL and UPPTCL. The complete LILO arrangement is ready for charging.

As per MOM dated 16.12.2015 and NOC of BSPTCL, approval of standing committee of Eastern Region is required before flow of power. On request of JUSNL through letter no. 652/ED (Operation)/CE/Tr. (O&M)/220/2015-16 dated 06.07.2020, CEA, New Delhi has conveyed in principle no objection for JUSNL to make LILO of the 132 KV Rihand (Pipri UPPTCL) – Sonenagar (BSPTCL) at Nagaruntari TSS. Also, this issue is to be discussed in 2nd meeting of Eastern Regional Power Committee (Transmission Planning) (ERPCTP) schedule to be held on 30.09.2020.

In the 171st OCC Meeting, JUSNL informed that SEMs needed to be installed at Nagaruntari TSS to bring the LILO arrangement into service.

ERLDC informed that a letter has already been issued to Powergrid ER-1 to provide two meters for the LILO arrangement.

Thereafter Powergrid informed that they have received the letter from ERLDC, and JUSNL can collect the meters from Powergrid Patna office.

JUSNL agreed to collect the SEMs and install at Nagaruntari TSS.

JUSNL in a mail dated 1st Oct 2020 informed that all installations except establishment of telemetry data communication have been made and they are making all efforts to ensure commissioning of telemetry data communication within 90 days.

JUSNL may update.

Deliberation in the meeting

JUSNL informed that SEM installation work has been completed and procurement of PLCC is in progress.

JUSNL informed that they would bring the LILO into service within 90 days.

Item No. B.7 Data for preparation Load Generation Balance Report (LGBR) of ER for the year 2021-22.

As per the IEGC, RPC Secretariat is responsible for finalization of the Annual Load Generation Balance Report (LGBR) for Peak as well as Off-peak scenarios and the annual outage plan for the respective region

To facilitate the preparation of LGBR of Eastern Region by ERPC Secretariat within the schedule period, the following data/information for the year **2021-22** in respect of the constituents/utilities of Eastern Region is urgently required:

- i) The unit wise and station wise monthly energy generation proposed from existing units during 2021-22 (thermal/hydro/RES).
- ii) Annual maintenance program for each of the generating units (thermal and hydro both).
- iii) Generating units under R&M / long outage indicating date of outage and reasons of outage and expected date of return (thermal and hydro both).
- iv) Partial and forced outage figures (in %) of generating units for the last 3 years.
- v) Month wise peak demand (MW) – restricted and unrestricted peak demand.
- vi) Month wise off-peak demand (MW).
- vii) Month wise energy requirement (in MU).
- viii) Month wise & source wise power (both MU & MW) purchase and/or sale plan.
- ix) Schedule of commissioning of new generating units during 2021-22 and unit-wise monthly generation program (in MU).
- x) Allocation of power from new generating units.
- xi) Month wise and annual planned outage of transmission system (Transmission lines 220kV and above / ICTs / Reactors/ other elements).

Information may please also be submitted in the form of soft copy through email (mail ID: mserpc-power@nic.in / ereb_cea@yahoo.co.in).

In the 171st OCC Meeting, OCC advised all the constituents to provide the relevant data as mentioned in the agenda to ERPC Secretariat through email (mail ID: mserpc-power@nic.in / ereb_cea@yahoo.co.in) latest by 31st Oct 2020.

LGBR data for 2021-22 has been received from WBPDC, Bihar and MPL.

Members may update.

Deliberation in the meeting

OCC advised all the stakeholders to submit the LGBR data for the FY 2021-22 by 31st Oct 2020 to ERPC Secretariat.

Item No. B.8 Shutdown proposal of generating units for the month of November 2020.

Generator shutdown for November 2020 is given below:

Proposed Maintenance Schedule of Thermal Generating Units of ER during 2020-21 in the month of Nov 20 (as finalised in LGBR meeting for 2020-21 held)							
System	Station	Unit	Capacity (MW)	Period		No. of Days	Reason
				From	To		
BIHAR	Barauni TPS Stg-I	7	110	23.11.20	17.12.20	25	Boiler Overhauling
DVC	BTPS-A	1	500	26.10.20	29.11.20	35	COH
	Mejia TPS	4	250	10.11.20	19.12.20	40	COH, Boiler, Gen
ODISHA	Talcher TPS	5	110	22.11.20	21.12.20	30	AOH
	IB TPS	1	210	10.11.20	30.11.20	21	AOH
WBPDC	Bandel TPS	5	215	01.11.20	15.12.20	45	AOH/BOH
	BKTPS	1	210	01.11.20	10.11.20	10	Boiler License Renewal
	BKTPS	3	210	25.11.20	22.12.20	28	AOH/BOH
	Sagardighi TPS	4	500	01.11.20	10.11.20	10	Boiler License Renewal
CESC	Budge-Budge	1	250	17.11.20	06.12.20	20	BOH
IPP	MPL	1	525	15.11.20	29.12.20	45	COH
NTPC	TSTPS	2	500	26.10.20	09.12.20	45	COH (As agreed)
	KhSTPS	1	210	26.11.20	30.12.20	35	Boiler + Turbine + R&M
	FSTPS	4	500	23.11.20	22.12.20	30	Boiler

Total Outage in MW for the month of Nov 2020 is 1868 MW.

In 171st OCC Meeting, NTPC informed that NTPC Farakka unit-II was taken under emergency shutdown due to stator earth fault. NTPC also informed that they have planned for the annual overhauling along with rectification work therefore the unit would be under shutdown for 50 days.

MPL in a mail dated 12th Oct 2020 informed that the AOH of Unit-1 will be scheduled from 1st Dec 2020 to 14th Jan 2021.

NTPC TSTPS vide letter dated 12th Oct 2020 informed that there will be no shutdown of Units for the month of November 2020.

BRBCL in a letter dated 15th Oct 2020 informed that AOH of Unit-3 would be done from 21st Nov 2020 to 30th Dec 2020(40 days).

Members may discuss.

Deliberation in the meeting

All the generators updated the schedule: The updated schedule is given below:

Maintenance Schedule of Thermal Generating Units of ER during the month of Nov 20							
System	Station	Unit	Capacity (MW)	Period		No. of Days	Reason
				From	To		
BIHAR	Barauni TPS Stg-I	7	110	Reserve S/D (Planned for next year)		-	Boiler Overhauling
DVC	BTPS-A	1	500	Postponed (Instead DSTPS Andral will be taken for NOx issues)		-	COH
	Mejia TPS	4	250	10.11.20	19.12.20	40	COH, Boiler, Gen
ODISHA	Talcher TPS	5	110	27.01.21	25.02.21	30	AOH
	Talcher TPS	4	110	10.11.20	-		AOH
	IB TPS	1	210	01.12.20	31.12.20	30	AOH
WBPDC	Bandel TPS	5	215	06.12.20	24.12.20	19	AOH/BOH
	BKTPS	1	210	Shutdown cancelled		-	Boiler License Renewal
	BKTPS	3	210	03.11.20	30.12.20	28	AOH/BOH
	Sagardighi TPS	4	500	15.11.20	29.12.20	60	Boiler License Renewal

CESEC	Budge-Budge	1	250	17.11.20	04.12.20	18	BOH
IPP	MPL	1	525	15.12.20	30.01.21	45	COH
BRBCL	BRBCL	3	250	21.11.20	30.12.20	40	AOH
NTPC	KhSTPS	1	210	01.02.21	-	-	Boiler + Turbine + R&M
	FSTPS	4	500	23.11.20	22.12.20	30	Boiler

ERPC Secretariat advised all the Generating utilities to plan the overhauling of the units from December 2020 to February 2021 in view of expected increase in demand from March 2021. It was also advised to take the unit shutdown in this financial year to avoid the shortfall in 2021-22.

OCC advised all the generators to take the consent from the all the beneficiaries before taking the shutdown in case of any deviation from the schedule prepared in LGBR.

Item No. B.10 Reconductoring work of 400 kV Rangpo-Binaguri D/C lines.

In 167th OCC, Powergrid updated that reconductoring work of 38 km of both the circuits out of 110 km line had been completed and the line is in service.

Powergrid requested for shutdown of the line from 1st November 2020.

Members may discuss.

Deliberation in the meeting

Powergrid informed that they have postponed the shutdown of 400kV Rangpo-Dikchu and 400kV Rangpo-Kishenganj lines. Shutdown of 400kV Rangpo-Binaguri D/C lines would be taken from 1st Nov 2020.

ERLDC requested Powergrid to complete the reconductoring work of one circuit at least before Monsoon for safe evacuation of hydro generation in Sikkim.

OCC advised Powergrid to submit the work plan to ERPC and ERLDC. OCC also advised Powergrid to put the SPS in service in coordination with ERLDC before taking the shutdown.

Powergrid informed that OEM is visiting Rangpo S/s on 28th Oct 2020 and they are planning to test the SPS scheme on 29th Oct 2020. Powergrid requested to test the receipt of SPS signal at generator end during the testing.

OCC advised ERLDC to coordinate with Powergrid and concerned generating utilities to conduct the testing of SPS on 29th Oct 2020.

Item No. B.11 Installation of Energy Meter at 400kV Angul S/s---JITPL.

JITPL is incorporating ABT metering system for better energy management. The contract has been awarded to CMS to execute the ABT system and CMS has already installed the required hardware inside plant switchyard and generator end.

To complete the ABT system JITPL must install two ABT compatible energy meter at 400 kV Angul Sub-station to fetch energy data from power (commercial) injection point. These two energy meters are to be installed in series with existing PGCIL energy meter.

In our O & M agreement with PGCIL executed in March 2020 this point has been included and agreed by both PGCIL and JITPL.

Powergrid and JITPL may discuss.

Deliberation in the meeting

JITPL informed that they want to install separate energy meters in both lines of 400kV Angul -JITPL D/C lines at Powergrid end to monitor the power injection at the Ex-bus in real time to maintain their generation as per the schedule.

OCC opined JITPL that they could install meters at their end to monitor their generation by considering the transmission losses.

OCC also opined that installation of SEMs at Powergrid end needed to be verified with CEA metering regulations and a clarification from CTU also be needed.

After detailed deliberation, OCC advised JITPL to submit a detailed report regarding their requirement and purpose in this regard to ERPC Secretariat.

Item No. B.12 Additional Agenda

1. Submission of Transmission Element Outage Plan for the remaining months of the current financial year 2020-21 alongside Annual plan for the year 2021-22 – ERLDC.

As you are aware of the fact that transmission element outage planning and its execution in real-time is a meticulous activity requiring extensive coordination among RPCs, RLDC, SEBs/STUs, Transmission licensees, CTU, ISGS, IPPs, MPPs and Generating stations. The same is guided by **Section 5.7 (Outage Planning) of IEGC** which is further followed by Operating Procedures of respective regions.

The relevant provisions in IEGC in this regard are as follows:

IEGC, Sec 5.7.4.(b) "All SEBs/STUs, transmission licensees, CTU, ISGS, IPPs, MPPs and other generating stations shall provide to the respective RPC Secretariat their proposed outage plan in writing for the next financial year by 31st October of each year."

IEGC, Sec 5.7.4.(e) "The above annual outage plan shall be reviewed by RPC Secretariat on a quarterly and monthly basis in coordination with all parties concerned, and adjustments made wherever found to be necessary."

The above section of IEGC provides guidelines for planning outages that are approved in the monthly OCC meetings of RPC.

As per current practice in Eastern Region Outage planning of Transmission elements are reviewed on monthly basis only. However monthly review provides lesser time horizon for meticulous planning & coordination among RPCs, RLDC, SEBs/STUs, Transmission licensees, CTU, ISGS, IPPs, MPPs and Generating stations. Further, ERPC in **Minutes of 171st OCC under Item No. B.2** - Data for preparation Load Generation Balance Report (LGBR) of ER for the year 2021-22, has sought Month wise and annual planned outage of the transmission system (Transmission lines 220kV and above / ICTs / Reactors/ other elements. (Point - XI) latest by 31st Oct 2020.

In this context all SEBs/STUs, Transmission licensees, ISGS, IPPs, MPPs and Generating stations are requested to submit their **month wise Transmission elements outage plans for the remaining months of the current financial year 2020-21 alongside Annual plan for the year 2021-22 at Next OCC meeting** for necessary review & seamless coordination.

Members may note.

Deliberation in the meeting

OCC advised all the transmission utilities to prepare the outage plan from Dec 2020 to Mar 2021 and submit it to ERPC & ERLDC by the end of Oct 2020.

PART C: ITEMS FOR UPDATE

Item No. C.1: Status of UFRs healthiness installed in Eastern Region.

Jharkhand vide letter dated 9th Oct 2020 forwarded the UFR status for the month of September 2020.

Members may update.

Deliberation in the meeting

Bihar informed that they have submitted the details of UFR healthiness.

CESC informed that they have already sent the details of UFR healthiness.

OCC advised all the constituents to update the status of UFR healthiness data regularly on monthly basis by 7th of every month.

Item No. C.2: Status of Islanding Schemes healthiness installed in Eastern Region.

In 108th OCC meeting, respective constituents agreed to certify that the islanding schemes under their control area are in service on monthly basis.

Details received from the constituents is as follows:

Sl. No	Name of Islanding Scheme	Confirmation from Generator utility	Confirmation from Transmission and load utility
1	CESC as a whole Islanding		
2	BKTPS Islanding Scheme	Healthy	
3	Tata Power Islanding Scheme, Haldia		
4	Chandrapura TPS Islanding Scheme, DVC		
5	Farakka Islanding Scheme, NTPC		
6	Bandel Islanding Scheme, WBPDC	Healthy	

Deliberation in the meeting

CESC informed that they have already sent the details of status of Islanding scheme.

OCC advised all the constituents to update the status of Islanding scheme healthiness regularly on monthly basis by 7th of every month.

ERLDC informed that 220kV Lalmatia-Gordha line has been commissioned and the Farakka islanding scheme is to be reviewed considering the same.

OCC advised ERLDC to study the necessary changes required so that it can be discussed in PCC meeting for further implementation.

a. Islanding Scheme of CTPS-B, DVC

In 171st OCC meeting ERLDC had sought following clarifications from DVC:

- What is the proposed islanding frequency.
- As formation of Island and Load Generation Balance is proposed to be made using OPGW communication, what is the status of OPGW network.
- frequency thresholds for sequential load shedding within the island for maintaining load generation balance
- How Phase-II sequential sheading is proposed, is it through central control or through UFR
- CTPS-Rajabera line is not shown in SLD
- Total Load of Island is 554 MVA while the Transformation Capacity is 460 MVA, so in case of islanding at the time of maximum load, transformer may trip.
- Details of phase-2 load shedding
- What is the minimum load at these substations, how LGB is proposed to be maintained in minimum load condition.
- Maximum Ramp up and Ramp down rate of machines
- Frequency band within which machine can operate stably
- Expected change in output with HP-LP bypass and time for same.

DVC may explain.

Deliberation in the meeting

DVC informed that they have discussed all the points seeking clarifications with ERLDC and they would send the report to ERLDC by 20th Oct 2020.

b. Islanding scheme of KBUNL

The following clarifications are pending from BSPTCL & KBUNL for implementation of the islanding scheme:

KBUNL (NTPC)

- Model for Governor system of KBUNL
- Maximum Ramp up and Ramp down rate
- Frequency band within which machine can operate stably
- Expected change in output with HP-LP bypass and time for same

BSPTCL

- Present peak and Off peak MVAR loads of all substations considered in the island
- Confirmation that lines within the island will not trip on encroachment of power swing in Zone-3
- Reconfirm about existence and settings of UFR in the substations within the proposed island
- Identification of suitable LV (33 kV) feeders (10 -15 MW load each) where UFR can be installed to maintain load generation balance within island after it has formed and fine tuning of island frequency.

Members may update.

Deliberation in the meeting

KBUNL informed that data related to point ii, iii & iv is available with them and they would send it to ERLDC by 20th Oct 2020. But the Governor model data is not available with them and they are also not able to get it from their OEM. OCC then advised KBUNL to send the generic data related to Governor model.

KBUNL also informed that for implementation of Islanding scheme they will have to make some

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changes in their DCS system. OCC then advised KBUNL to interact with their engineering team and make the necessary changes in the logic of their DCS system for the implementation of the Islanding scheme.

Item No. C.3: Primary Frequency Response Testing of Generating Units—POSOCO.

NLDC vide letter dated 10th August 2020, communicated a procedure to be considered for Commercial Settlement during onsite testing of generators for Primary Response of regional generating units.

In the 170th OCC Meeting, ERLDC informed that as per IEGC regulations, Primary Frequency Response Testing of generators is a mandatory activity. It was informed that for compliance of the above regulations, selection of the vendor has already been completed and all the generators including IPP's and ISGS's have been informed accordingly. ERLDC further informed that all the power stations of ER except TSTPS-Kaniha, Adhunik, BRBCL, NPGC, Teesta-V & Dikchu have placed their LOA with M/S Solvina.

ERLDC mentioned that generally the testing would be carried out in three steps of generation level for each of the generating unit. The subjected generating unit must maintain the schedule to the desired level of generation during the period of testing in all the 3 steps. For this the Generating Stations which are having multiple units while testing at a particular level of a unit, the total schedule of that station can be maintained by adjusting generation in the remaining units. For Generating Stations which are having only one functional unit, during testing can maintain their schedule by purchase or sale of power from Real Time Marketing. For hydro-generators the testing may preferably be done during the period of receding monsoon. Therefore, it was clarified that normal DSM charges would be applied during the period of testing.

After detailed deliberation, OCC felt that it is desirable to know the duration of the test and its possible impact on the scheduling to decide the commercial mechanism proposed in Annexure-B1.

ERLDC further informed that they are planning to hold a meeting with the testing agency, all regional generating stations and SLDC's wherein the testing procedure of all three steps viz. Full Load, 80% of Full Load and Technical Minimum would be discussed.

Thereafter OCC advised all the constituents to go through Annexure-B1 and submit their comments to ERPC within a week for finalization of commercial mechanism.

OCC also advised all the remaining ISGS and IPP generators to place the LOA and give a schedule of the test beforehand so that beneficiaries are informed in advance and the same can be discussed in the upcoming OCC Meetings.

On 10th Sep 2020, a meeting was held between ERPC, ERLDC, SLDC's and all regional generating stations wherein M/S Solvina gave a presentation on the details of Primary frequency response testing and the steps to be followed in the procedure.

Further all the members clarified their doubts, and it was decided that the remaining generators who have not placed their LOA with M/S Solvina should place it at the earliest.

In the 171st OCC Meeting, it was informed that M/s Solvina gave a presentation on 10th Sep 2020 and explained the procedure. The presentation has been shared with the constituents.

It was also informed that this issue of commercial settlement mechanism has been discussed and finalized in the Commercial Committee Meeting held on 21st September 2020.

Further ERLDC informed that they have communicated to NTPC, Adhunik and BRBCL regarding placement of LOA with M/s Solvina.

ERLDC informed that LOA with M/s Solvina from BRBCL and Teesta-III and LOA with M/s Siemens from GMR is still pending from Eastern Region.

Members may update.

Deliberation in the meeting

OCC advised all the generators to submit their testing plan well in advance to ERLDC so that they could check the feasibility of the testing.

Item No. C.4: Testing of primary frequency response of state generating units by third party agency--ERLDC

The Hon'ble Central Electricity Regulatory Commission (CERC), vide notification dated 12th April 2017, had notified Indian Electricity Grid Code (Fifth Amendment) Regulations, 2017. As per this notification, following provision has been added at the end of Regulation 5.2 (g) of Part 5 of the Principal Indian Electricity Grid Code (IEGC) Regulations: "Provided that periodic checkups by third party should be conducted at regular interval once in two years through independent agencies selected by RLDCs or SLDCs as the case may be. The cost of such tests shall be recovered by the RLDCs or SLDCs from the Generators. If deemed necessary by RLDCs/SLDCs, the test may be conducted more than once in two years."

In compliance of IEGC, process of testing of primary frequency response of regional generating units (eligible for RGMO as per IEGC section 5.2 (f)) has been started by POSOCO.

In the 170th OCC Meeting, ERLDC informed that as per the regulation, testing of primary frequency response of state generators by a third party is required to be undertaken by the respective SLDC's. Thereafter, SLDC Odisha informed that they have not finalized a plan yet, but they will communicate the detailed plan to ERPC by 15th Sep 2020.

OCC then advised all the SLDC's to prepare an action plan for their state generators having capacity of 200 MW or more and submit the details to ERLDC and ERPC within a week.

In the 171st OCC Meeting, OCC advised all the SLDC's to prepare the action plan for their state generators and submit the details to ERPC and ERLDC at the earliest.

DVC in a mail dated 6th Oct 2020 informed that the Primary Frequency Response Testing may be carried out for the following generating units:

Sl. No.	Name of the Units	Capacity (MW)
1	BTPS-A	500
2	CTPS Unit #7&8	2X250
3	DSTPS Unit#1&2	2X500
4	KTPS Unit # 1&2	2X500
5	MTPS Unit # 3 to 8	2 X 210 MW +2 X 250 MW + 2X 500 MW
6	RTPS Unit # 1 & 2	2 X 600 MW

However, at present the Primary Frequency Response Testing may not be possible for the following units of DVC:

Sl. No.	Name of the Units	Capacity (MW)	Remarks
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1	BTPS-B U#3	210	The Governing system is of the Hydro-mechanical type and the Control system is a Solid-state Hardware/Relay based system.
2	DTPS U#4	210	The Governing system is of the Hydro-mechanical type and the Control system is a Solid-state Hardware/Relay based system
3	MTPS Unit # 1&2	2X210	C & I system of Unit 1 & 2 are originally supplied with a Solid-state Hardware-based system for SG & TG Package which is lacking in scalability and flexibility and the BOP Package is supplied with a primitive DCS system.

Respective SLDC's may update.

Deliberation in the meeting

ERLDC requested DVC to submit a detail explanation on inability to conduct the testing of BTPS-B unit # 3, DTPS U#4 and MTPS U # 1 & 2.

SLDC Odisha informed that they would contact OPGC and submit a plan to ERPC and ERLDC at the earliest.

WBPDCCL informed that they have contacted with SLDC West Bengal regarding preparation of plan and submission to ERPC and ERLDC.

ERLDC also informed that nomination of nodal person regarding RGMO and tripping analysis has also not been received from SLDC West Bengal.

Representative from SLDC, West Bengal was not present in the meeting.

Item No. C.5: Transfer capability determination by the states.

Latest status of State ATC/TTC declared by states for the month of October-2020.

SL. No	State/Utility	TTC (MW)		RM(MW)		ATC Import (MW)		Remark
		Import	Export	Import	Export	Import	Export	
1	BSPTCL	4850	--	97	--	4753	--	Dec-20
2	JUSNL	1259	--	35	--	1224	--	Oct-20
3	DVC	1464	2870	63	50	1410	2820	Dec-20
4	OPTCL	2251	1432	74	54	2177	1378	Oct-20
5	WBSETCL	4851	--	400	--	4451	--	Nov-20
6	Sikkim	266	--	2.5	--	263.4	--	Dec-20

Declaration of TTC on Website:

Sl. No	State/Utility	Declared on Website	Website Link	Constraint Available on Website
1	BSPTCL	Yes	http://www.bsptcl.in/ViewATCTTCWeb.aspx?GL=12&PL=10	Yes
2	JUSNL	Yes	http://www.jusnl.in/pdf/download/ttc_atc_nov_2020.pdf	Yes
3	DVC	Yes	https://application.dvc.gov.in/CLD/atcttcmenu.jsp#	Yes
4	OPTCL	Yes	https://www.sldcorissa.org.in/TTC_ATC.aspx	Yes

5	WBSETCL		Website Down	
6	Sikkim	No	—	No

Members may update.

Deliberation in the meeting

Sikkim informed that they are planning to have a website regarding updating of details of ATC/TTC.

Jharkhand informed that they would submit the details of ATC/TTC by 31st Oct 2020.

Odisha informed that they have submitted the ATC/TTC details up to Dec 2020.

Item No. C.6: Mock Black start exercises in Eastern Region – ERLDC.

Mock black start date for financial year 2019-20 is as follows:

Sl. No	Name of Hydro Station	Schedule	Tentative Date	Schedule	Tentative Date
		Test-I		Test-II	
1	U. Kolab	Last week of Oct 2020		Second Week of Feb 2021	
2	Balimela	Second week of Nov 2020		First Week of March 2021	
3	Rengali	Second week of Nov 2020		First Week of March 2021	
4	Burla	Second week of Nov 2020		First Week of March 2021	
5	U. Indravati	Last week of Oct 2020		Second Week of Feb 2021	
6	Maithon	Third Week of Nov 2020		First Week of March 2021	
7	TLDP-III	Second week of Nov 2020		Second Week of Feb 2021	
8	TLDP-IV	Third Week of Nov 2020		First Week of March 2021	
9	Subarnarekha	Second week of Nov 2020		Second Week of Feb 2021	
10	Teesta-V	Third Week of Nov 2020		Third Week of March 2021	
11	Chuzachen	Second week of Nov 2020		First Week of March 2021	
12	Teesta-III	Third Week of Nov 2020		First Week of March 2021	
13	Jorethang	Third Week of Nov 2020		First Week of March 2021	
14	Tasheding	Second week of Nov 2020		First Week of March 2021	
15	Dikchu	Second week of Nov 2020		Second Week of Feb 2021	

Members may update.

Deliberation in the meeting

OHPC informed that they have interacted with SLDC Odisha and are planning to start the mock black exercise after rainy season. For Balimela HPS, black start exercise would be conducted on 20th Oct 2020. OCC advised OHPC to inform ERPC and ERLDC regarding their plan for conduct of black start exercise.

Item No. C.7: Multiple outages of Isolators & Circuit Breakers at Ramchanderpur S/S (JUSNL)—ERLDC.

In the 169th OCC Meeting, Jharkhand informed that replacement of isolator and circuit breakers is in progress under PSDF project. They have applied for shutdown from 1st Aug for normalizing all the Breakers and Isolators.

Thereafter, ERLDC informed that they are not getting any information on healthiness of the elements as a result they are facing problem in real time operation.

OCC then advised SLDC, Jharkhand and other utilities to ensure availability of all elements in ISTS connected stations for secure and reliable system operation and inform about any outage of the elements in their substation to ERLDC at the earliest.

In the 170th OCC Meeting, JUSNL informed that the work would be completed by 30th Aug 2020.

In the 171st OCC Meeting, JUSNL informed that they have replaced all the breakers of Joda line. They further informed that due to Covid-19 pandemic the work related to 220 KV PGCIL circuit-II has been deferred. The replacement work for 132 kV system is in progress.

OCC advised JUSNL to complete the work related to 220KV and 132KV system within the time frame and update the status to ERPC.

JUSNL may update.

Deliberation in the meeting

JUSNL informed that work related to main bus-2 and transformer breaker of 220KV system is pending and work of 132KV line has been completed. By end of Nov 2020 they would be able to complete the work related to 220KV system.

OCC advised JUSNL to complete the work at the earliest.

Item No. C.8: Prolonged outage of bays in Koderma (DVC) substation: ERLDC.

The main CB of 400 KV Koderma-Bokaro-2 at Koderma was out since 25.12.2019 due to damage in the double interrupter chamber and the line is charged through the tie CB with B/R-2. On 15.07.2020, due to leakage of oil pressure of the main CB of B/R-2, DVC requested emergency S/D of the line due to the unavailability of main CB. Tie CB of B/R-1 and Gaya-1 was also out since 22.10.2019 due to oil leakage from B-ph CT and problem in CB hydraulic mechanism. Such prolonged outages of breakers at such an important substation which has connectivity to ISTS system as well as generating station hamper the reliability and security of the system operation.

In 169th OCC Meeting, DVC mentioned that bays of the Gaya line are made available. Work has already been started for restoring the Koderma line bays and the same would be available by 2nd Aug 20.

In the 170th OCC Meeting, DVC informed that the main CB of 400kV Koderma-Bokaro line at Koderma has been charged since 2nd Aug 2020. Further DVC mentioned that tie CB of Gaya-1 will be made available by 31st Aug 2020.

In the 171st OCC Meeting, DVC informed that tie CB of Gaya-1 has been installed and it is expected to be charged on 26th Sep 2020.

DVC may update.

Deliberation in the meeting

DVC informed that the tie CB of Gaya-1 has been charged on 26th Sep 2020.

Item No. C.9: Operationalizing Bus splitting at Biharshariff—ERLDC.

Bus split arrangement at Biharshariff was already commissioned, however it was not put in service as split bus arrangement was causing uneven loading in 400/220 kV ICTs at Biharshariff. Thus, earlier it was decided that the same will be put in service after commissioning of 4th ICT at Biharshariff. After commissioning of 4th ICT simulation studies are carried out at ERLDC and same is also shared with Bihar SLDC. From the study it is observed that Bus-split at Biharshariff has no significant effect on loading of 400 KV lines but 400/220 KV ICT flows is getting significantly skewed.

- N-1 contingency of 500 MVA ICT-IV leads to 265 MW loading on ICT –II (315 MVA rating) where in base case without bus-split, total ICT loading at Biharshariff was 560 MW and Bihar demand 4650MW.
- If we consider summer peak case having 6000 MW Bihar demand with 660 MW Biharshariff ICTs loading, N-1 contingency of 500 MVA ICT-IV leads to 301 MW loading on ICT –II (315 MVA rating).

In 169th OCC Meeting, ERLDC informed that Bihar had submitted a report wherein Bihar agreed for the implementation of bus-split arrangement.

Further, ERLDC added that Bihar has to make load shedding scheme to avoid the tripping of 315 MVA ICT on overload during tripping of 500 MVA ICT.

Thereafter, OCC opined that depending on the power flows after putting the bus splitting scheme in service, the SPS scheme should be decided.

OCC then advised Powergrid to make necessary changes in protection settings for implementation of the bus-split arrangement and to coordinate with remote end sub-stations. OCC further, advised Powergrid to intimate a suitable date to ERLDC for putting the bus splitting scheme in service at Biharshariff.

In the 170th OCC Meeting, Powergrid informed that they have computed the protection settings for split mode operation and forwarded to their corporate office for review and comments. Powergrid added that they will update status as soon as they receive the information from their corporate office.

In the 171st OCC Meeting, ERLDC informed that Powergrid had confirmed that there is no requirement of putting a group-II settings for this bus splitting at the remote end substations of Powergrid.

ERLDC added that Bihar has to make a load shedding scheme to avoid the tripping of 315 MVA ICT on overload during tripping of 500 MVA ICT.

OCC advised SLDC, Bihar to prepare a plan for the load shedding scheme to avoid unwanted tripping of 315 MVA ICT and submit to ERPC and ERLDC. The scheme would be discussed in the upcoming PCC meeting.

OCC advised ERLDC to interact with Powergrid and finalize a date for implementation of the bus

splitting scheme.

ERLDC mentioned that even after reminders and communication in OCC/PCC meeting, it is observed that no load trimming scheme has been shared by Bihar SLDC and BSPTCL so far. It may kindly be seen that any equipment damage at Bihar sharif due to high fault level will be attributable to delays from respective utility end due to non-implementation of bus-split scheme SLDC.

Bihar may confirm readiness of load trimming scheme so that bus splitting can be implemented at the earliest.

Deliberation in the meeting

OCC advised Bihar to share the plan for load trimming scheme with ERLDC at the earliest.

OCC decided to put the Biharsariff bus splitting scheme in service on 12th Nov 2020.

Item No. C.10: Constitution of a committee for independent verification of self-declarations and auditor's / accountant's certificates on random basis and in the case of complaints.

CEA vide letter dated 17th August 2020 informed that In pursuance of DPIIT order No. P-45021/2/2017-PP(BE-II) dated 04.06.2020 regarding Public Procurement (Preference to Make in India), order 2017 (PPP-MII)-'clause 9(d)' and MoP Order No. 11/05/2018/Coord dated 28.07.2020-'clause 6', a Committee has been constituted for independent verification of self-declarations and auditor's/ accountant's certificates on random basis and in case of complaints. The composition of the Committee is given below:

Chairperson	Member (Planning), CEA
Member	Chief Engineer (PSETD), CEA
Member	Chief Engineer (HETD), CEA
Member	Chief Engineer (TETD), CEA
Member	Chief Engineer (DP&R), CEA
External Expert	As may be co-opted by CEA
Convener	Chief Engineer (R&D), CEA

In this regard, it is required to submit to this office the procurement wise details and self-declaration certificates submitted by the suppliers regarding local contents of the purchases.

Before furnishing the details to Verification Committee, the self-declarations certificate about local contents etc. may also be verified at your end and an analysis report of the same may be furnished.

Compliance report regarding cyber security/safety of the equipment/process to be rendered as safe to connect, regular safety audit certificates (as mentioned in the Annexure-III of the aforesaid MoP Order) based on the requirement of the tender issued by the procuring entity may also be furnished in respect of each purchases.

Also, procuring entities are requested to add a clause in their tender documents mentioning that the *"Self-declarations/ auditor's/ accountant's certificates submitted by the manufacturer/ supplier may be verified randomly by the committee constituted as per MoP Order 28-07-2020. In case of false documents/misrepresentation of the facts requisite action against such manufacturer/ supplier will be taken based on the recommendation of the Committee."*

The communication in this regard may be made with Ms. Sheetal Jain, Deputy Director, CEA, R K Puram, New Delhi 110066. Phone No. 011-26732286 Email cerndcea@gmail.com

In the 170th OCC Meeting, OCC advised all the constituents to submit the certificates provided by the suppliers and manufacturers to CEA through the given email.

In the 171st OCC Meeting, OCC advised all the constituents to submit the certificates provided by the suppliers and manufacturers to CEA through the given email within 15 days.

All the constituents are advised to provide the certificates to the given mail.

Deliberation in the meeting

OCC advised all the constituents to submit the relevant information to the given mail.

Item No. C.11: Monthly Data on Category-wise consumption of electricity in States/UTs---CEA.

1. CEA vide mail informed that Hon'ble MoSP(IC) has desired the month-wise category-wise consumption data in the various States/UTs from April, 2019 to July, 2020. CEA requested all the concerned utilities of States to furnish the data at the earliest.

In 170th OCC Meeting, SLDC DVC informed that they had already provided the data vide mail on 11.08.2020 & 21.08.2020.

Thereafter SLDC Odisha, Bihar and Jharkhand agreed to submit the relevant details within three days.

SLDC West Bengal informed that currently they were not having the category wise data. They further informed that they would contact their distribution system and forward it to ERPC.

OCC then advised Sikkim to submit the relevant information to ERPC.

In the 171st OCC Meeting, SLDC Odisha, Bihar and Jharkhand agreed to submit the relevant details within fifteen days.

SLDC West Bengal informed that category wise data is not available with them and they have informed the distribution licensees regarding the same. They will forward the data as soon as they get it from the distribution licensees.

OCC then advised all the SLDC's to submit the data within 15 days.

SLDC's may update.

Deliberation in the meeting

Jharkhand informed that they would submit the details at the earliest.

Odisha also informed that they would submit the details within 2 days.

OCC advised all the SLDC's to send the monthly category-wise data to ERPC.

2. CEA also informed that Hon'ble MoSP(IC) has also desired to know the reasons for the use of captive power plants by Industrial Consumers despite availability of adequate power in the country.

In the 170th OCC Meeting, OCC advised all the states to communicate the reasons regarding use of captive power plants by industrial consumers despite availability of power in the country to ERPC at the earliest.

In 171st OCC Meeting, OCC advised all the states to communicate the reasons regarding use of captive power plants by industrial consumers despite availability of power in the country to ERPC at the earliest.

States may communicate the reasons for usage of Captive Power Plants.

Deliberation in the meeting

Odisha has sent a mail highlighting the reasons for usage of Captive power Plants to CEA.

Item No. C.12: ER Grid performance during September 2020.

The average and maximum consumption of Eastern Region and Max/Min Demand (MW), Energy Export for the month September – 2020 were as follows:

Average Consumption (Mu)	Maximum Consumption(mu)/ Date	Maximum Demand (MW)	Minimum Demand (MW)	Schedule Export	Actual Export
		Date/Time	Date/Time	(Mu)	(Mu)
462	488.6 MU 19-09-2020	23600 MW 12-09-2020 23:50	16146 MW 23-09-2020 06:25	3393.5	3223.8

ERLDC may present Performance of Eastern Regional Grid.

Deliberation in the meeting

*ERLDC gave a presentation on performance of Eastern regional Grid which is given in **Annexure C12**.*

Members noted.

Item No. C.13: Performance primary frequency response of generating stations in Eastern Region for the event in the month of September 2020.

No events of sudden frequency change occurred during the month of September 2020.

All the Generators and SLDCs are requested to share the relevant FRC data as soon as the event has occurred so that ERLDC can analyze the response of the Generators.

Members may note.

Deliberation in the meeting

Members noted.

PART D: OPERATIONAL PLANNING

Item No. D.1: Anticipated power supply position during November 2020.

The abstract of peak demand (MW) vis-à-vis availability and energy requirement vis-à-vis availability (MU) for the month of November 2020 were prepared by ERPC Secretariat on the basis of LGBR for 2019-20 and feedback of constituents, keeping in view that the units are available for generation and expected load growth etc. is enclosed at **Annexure D1**.

Members may confirm.

Deliberation in the meeting

*The updated power supply position for the month of November 2020 is given in **Annexure D1**.*

Item No. D.2: Shutdown proposal of transmission lines for the month of November 2020.

ERLDC may place the list of transmission lines shutdown discussed on 16th October 2020.

Members may update.

Deliberation in the meeting

*Approved list of transmission lines shutdown is given in **Annexure D2**.*

Item No. D3: Major Generating Units/Transmission Element outages/shutdown in ER Grid (as on 11.10.2020).

SL. No	Station	State	Agency	Unit No	Capacity (MW)	Reason(s)	Outage Date
1	KOLAGHAT	W. BENGAL	WBPDC	1	210	POLLUTION PROBLEM	10-May-2018
2	KOLAGHAT	W. BENGAL	WBPDC	2	210	ESP FIELD MAINTENANCE	26-Dec-2019
3	SAGARDIGHI	W. BENGAL	WBPDC	3	500	ROTOR EARTH FAULT SYSTEM CHECKING ALONG WITH OTHER MAINTENANCE ACTIVITIES	10-Oct-2020
4	SANTALDIH TPS	W. BENGAL	WBPDC	6	250	ANNUAL OVERHAULING	10-Sep-2020
5	Sterlite	ODISHA	SEL	3	600	ANNUAL OVERHAULING	21-Sep-2020
6	TTPS	ODISHA	NTPC	2	62.5	ANNUAL OVERHAULING	26-Sep-2020
7	FSTPP	W. BENGAL	NTPC	2	200	GENERATOR ELECTRICAL PROTECTION	14-Sep-2020
8	JITPL	ODISHA	JITPL	2	600	GENERATOR ELECTRICAL PROTECTION	25-Sep-2020
9	KHSTPP	BIHAR	NTPC	1	210	SUPER HEATER SPRAY LEAKAGE	20-Sep-2020
10	KHSTPP	BIHAR	NTPC	6	500	ASH DYKE RESTRICTION	04-Oct-2020
11	NABINAGAR(BRBCL)	BIHAR	NTPC	2	250	FLASHOVER IN TG BEARING	07-Oct-2020
12	BARAUNI TPS	BIHAR	BSPHCL	6	110	ELECTRICAL PROTECTION TRIP; PROBLEM IN BEARING GEAR MOTOR	25-Feb-2020
13	DPL	W. BENGAL	WBPDC	8	250	DUE TO IN-SUFFICIENT ASH DISPOSAL	18-Sep-2020
14	OPGC3	ODISHA	OPGC	3	660	ASH EVACUATION PROBLEM	05-Sep-2020
15	SAGARDIGHI	W. BENGAL	WBPDC	2	300	AUXILLARY SUPPLY FAILED	18-Mar-2020

All Generating stations are requested to update expected restoration time and reason outage if any change. Same need to be informed ERLDC/ERPC on weekly basis also.

Major Generating stations Out on Reserve Shutdown due to low system demand

Generators/ constituents are requested to update the expected date of revival of the units.

SL. No	Station	State	Agency	Unit No	Capacity (MW)	Reason(s)	Outage Date
1	KOLAGHAT	W. BENGAL	WBPDC	3	210	RSD/LOW SYSTEM DEMAND	13-Jun-2020
2	KOLAGHAT	W. BENGAL	WBPDC	4	210	RSD/ LOW SYSTEM DEMAND	15-Jul-2020
3	KOLAGHAT	W. BENGAL	WBPDC	6	210	RSD/LOW SYSTEM DEMAND	16-Jan-2020
4	MEJIA TPS	DVC	DVC	1	210	RSD/LOW SYSTEM DEMAND	26-Sep-2020
5	MUZAFFARPUR TPS	BIHAR	BSPHCL	1	110	RSD/ LOW SYSTEM DEMAND	10-Aug-2020
6	MUZAFFARPUR TPS	BIHAR	BSPHCL	2	110	RSD/ LOW SYSTEM DEMAND	15-Aug-2020

Hydro Unit Outage report:

SL. No	Station	State	Agency	Unit No	Capacity (MW)	Reason(s)	Outage Date
1	BALIMELA HPS	ODISHA	OHPC	1	60	R & M WORK	05-Aug-2016
2	BALIMELA HPS	ODISHA	OHPC	2	60	R & M WORK	20-Nov-2017
3	BURLA HPS/HIRAKUD I	ODISHA	OHPC	1	49.5	R & M WORK	14-Mar-2018
4	BURLA HPS/HIRAKUD I	ODISHA	OHPC	5	37.5	R & M WORK	25-Oct-2016
5	BURLA HPS/HIRAKUD I	ODISHA	OHPC	6	37.5	R & M WORK	16-Oct-2015
6	BURLA HPS/HIRAKUD I	ODISHA	OHPC	7	37.5	ANNUAL MAINTENANCE	06-Dec-2019

It is seen that about 282 MW hydro capacities in Odisha is under forced outage / planned outage in the period of peak monsoon and therefore not available for providing the much-needed peaking support during evening peak. SLDC / OHPC may please indicate restoration plan of the units.

Line Long Outage Report:

SL. NO	Transmission Element / ICT	Agency	Outage Date	Reasons for Outage
1	400 KV IBEUL - JHARSUGUDA D/C	IBEUL	29-04-2018	TOWER COLLAPSE AT LOC 44,45
2	220/132 KV 100 MVA ICT I AT LALMATIA	FSTPP/JUSNL	22-01-2019	Failure of HV side breaker
3	220 KV PANDIABILI - SAMANGARA D/C	OPTCL	03-05-2019	TOTAL 60 NOS OF TOWER IN BETWEEN 220KV PANDIABILI – SAMANGARA LINE IN WHICH 48 NOS TOWERS FULLY DAMAGED AND 12 NOS TOWERS PARTIALLY DAMAGED. WORK UNDER PROGRESS.
4	400 KV MOTIHARI(DMTCL)-GORAKHPUR-I	POWERGRID/DMTCL	13-08-2019	LINE SWITCHED OFF DUE TO ANTICIPATED TOWER COLLAPSE AT LOC 27/0(132) DUE TO CHANGE OF COURSE OF GANDAK RIVER.TOWER COLLAPSED REPORTED AT LOC 27/0(132) ON 15/08/19 AT 07:00 HRS. 400KV BARH -GORAKHPUR 1 CHARGED AT 18:57 HRS ON 05.02.20 AS INTERIM ARRANGEMENT BYPASSING LILO PORTION OF MOTIHARI.

5	400 KV MOTIHARI(DMTCL)- GORAKHPUR-II	POWERGRID/DMTCL	13-08- 2019	Earlier reconfigured Barh - Gorokpur # II again LILLOED back at Motihari and the portion beyond Motihari shall be termed as 400 KV MOTIHARI(DMTCL)-GORAKHPUR-II
6	400 KV BARH- MOTIHARI(DMTCL) -I	POWERGRID/DMTCL	04-09- 2019	TOWER COLLAPSE AT LOCATION 26/0 AND 25/5. 400KV BARH -GORAKHPUR 2 CHARGED AT 10:06 HRS ON 31.01.20 AS INTERIM ARRANGEMENT BYPASSING LILO PORTION OF MOTIHARI. 400KV BARH -GORAKHPUR 1 CHARGED AT 18:57 HRS ON 05.02.20 AS INTERIM ARRANGEMENT BYPASSING LILO PORTION OF MOTIHARI.
7	400 KV KOLAGHAT- NEW CHANDITALA	WBSETCL	25-04- 2020	For connectivity in between 220KV KTPP-Howrah Ckt and 400KV KTPP-New Chanditala ckt. Part of line to be used at 220 KV to supply power to Howrah from Kolaghat
8	220/132 KV 100 MVA ICT 3 at Chandil	JUSNL	30-04- 2020	ICT BURST AND DAMAGED AFTER FIRE REPORTED
9	132 KV NEW KISHANGANJ - BARSOI S/C	BSPTCL	02-07- 2020	Out due to heavy soil erosion at loc no 140 and 141 by river Kankai. line charged as 132 KV Purnea (PG) - Barsoi w.e.f 21.07.20 at 19:05 Hrs temporarily by suitable jumper arrangement at the crossing point of 132 kV Kisanganj(New) - Barsoi and 132 kV Purnea(PG) - Kisanganj (old).
10	132KV-PURNEA (PG)- KISHANGANJ(OLD) S/C	BSPTCL	02-07- 2020	
11	220kV Barauni-Hajipur Ckt-1	BSPTCL	28-09- 2019	Tower collapse at location 38 & 39. Ckt-2 is on ERS since 13.01.2020.
12	220 kV Howrah - KTPP D/C	WBSETCL	01-04- 2020	Tower collapse at loc no 66 due to soil erosion. Connectivity in between Howrah and Kolaghat restored by interim arrangement using 220KV KTPP-HOWRAH Ckt I , 220 KV Arambag-Domjur -II and 400KV KTPP-NEW CHANDITALA Ckt
13	400KV/220KV 315 MVA ICT 4 AT RANGPO	PGCIL	20-08- 2020	Hydrogen level increased to Alarming Value.Abnormal sound coming from ICT.
14	400KV-NEW PURNEA-GOKARNA	PGCIL	04-09- 2020	To attend and avoid tower collapse situation due to continuous erosion due to flood in the river Ganga at tower loc no 1103
15	400KV-NEW PURNEA-FSTPP	PGCIL	04-09- 2020	
16	220kV HAJIPUR- AMNOUR-1	BSPTCL	05-08- 2020	220/132/33KV Amnour GIS substation of BGCL under SLDC Bihar was switched off at 02:19 hrs on 05.08.20 due to Flood by opening both the 220 kV lines. Flood situation improved on 19.09.20 and accordingly, Amnour S/S charged at 17:34 hrs on date 19.09.20 through 220 kV Hazipur-Amnour#2. But situation again got worsen and as a result of that, Amnour S/S has been nulled by opening 220 kV Hazipur Amnour#2 at 23:37 hrs on 04.10.20 owing to flood
17	220kV HAJIPUR- AMNOUR-2	BSPTCL	04-10- 2020	
18	400KV/220KV 315 MVA ICT 2 AT ROURKELA	PGCIL	11-10- 2020	ERECTION WORKS RELATED TO PARALLELLING OF NEW ICT WITH EXISTING ICT AT ROURKELA

As per long outage list, most of the important grid elements, inter-state as well as intra-state, are under outage for long time due to tower collapse and other issues.

Transmission licensees/ Utilities are requested to update expected restoration date & work progress regarding restoration regularly to ERLDC/ERPC on monthly basis by 5th of each month so that status of restoration can be reviewed in OCC. Utilities are also requested to update outage of any elements within their substation premises like isolator/breaker to ERLDC/ERPC regularly.

(Reported as per Clause 5.2(e) of IEGC)

Members may update.

Deliberation in the meeting

Members noted.

Item No. D.4 Commissioning of new units and transmission elements in Eastern Grid in the month of September 2020.

The details of new units/transmission elements commissioned in the month of September-2020 based on the inputs received from beneficiaries:

SL NO	Element Name	Owner	Charging Date	Charging Time	Remarks
1	132/33 KV, 31.5 MVA Transformer 3 Kakdwip 132 KV S/S (WBSETCL)	WBSETCL	30-09-2020	08:42	
2	132 KV Durgapur-Panagarh GISS Ckt 1 & 2	WBSETCL	11-09-2020	15:15 15:16	
3	132 kV Marsaghai - Kendrapara RTSS ckt -II	OPTCL	02-09-2020	17:57	
4	160 MVA, 220/132 kV Auto Transformer - II charged at Grid S/S, Kesinga	OPTCL	02-09-2020	18:04	
5	220 kV Bus -I & Bus -II charged at Grid S/S, Kesinga	OPTCL	02-09-2020	18:21	
6	132 kV Bhalumaska RTSS feeder bay charged at Grid S/S Therubali	OPTCL	30-09-2020	18:15	
7	132KVMokamah (BGCL) - Hathidah (BSPTCL) D/C	BSPTCL	22-09-2020		
8	220kv GIS Mokama-Begusarai D/C	BSPTCL	24-09-2020		220kV-Biharsariff-Begusarai DC made LILO at Mokama
9	220kV GIS Mokama-Biharsharif D/C	BSPTCL	24-09-2020		

Members may update.

Deliberation in the meeting

Members noted.

Item No. D.5 UFR operation during the month of September 2020.

Frequency profile for the month is as follows:

Month	Max	Min	% Less IEGC Band	% Within IEGC Band	% More IEGC Band
	(Date/Time)	(Date/Time)			
September, 2020	50.03, 26-09-2020 06:02	49.64 24-09-2020 18:50	4.23	84.24	11.53

Hence, no report of operation of UFR has been received from any of the constituents.

Members may update.

Deliberation in the meeting

Members noted.

The meeting ended with a vote of thanks to the chair

LIST OF ATTENDEES OF 172nd OCC MEETING

SL NO.	NAME	DESIGNATION	ORGANISATION	PHONE NO.
1	ERPC, Kolkata	HOST	ERPC	
2	D.K. Bauri	SUPERITENDING ENGINEER	ERPC	9883617236
3	Abhinaba Basu	ASST. EXECUTIVE ENGINEER	BSPTCL	7033091492
4	S K Pradhan	ASST. DIRECTOR-I	ERPC	8249244719
5	D. K. Javeri	CH. GENERAL MANAGER	ER-II	
6	Yogesh Singla	DEPUTY GENERAL MANAGER	KBUNL	
7	Ashok Sarkar			
8	Amaresh Mallick	CHIEF GENERAL MANAGER	ERLDC, POSOCO	9436302720
9	P. P. Jena	ASST. DIRECTOR-I	ERPC	
10	Sudip Bhadra			
11	Prakash Kumar Gupta	WBPDC		
12	Anshuman Ray			
13	Arunava Sengupta			
14	Sugandh Kumar Barnwal			
15	Saurabh Kumar		BRBCL	
16	Tushar Ranjan Mohapatra	MANAGER	ERLDC, POSOCO	
17	Sridharan		JITPL	
18	Prashant Senapathy	ASST. GENERAL MANAGER	GMR	8114918762
19	Surajit Banerjee		POSOCO	9433041823
20	Nishant Kumar Shankwar	MANAGER	DMTCL	7987210324
21	Rajdeep Bhattacharya	REGIONAL ENGINEER	BSPHCL, Kolkata	9830380689
22	Kazi Md Hanif			
23	Laldhari Kumar		ERLDC, POSOCO	9831379478
24	Sanjay Kumar Singh			
25	Raju Kachhap		SLDC, Ranchi	
26	P. K. Pattnaik			
27	Tushar Kumar			
28	Chandan Kumar	MANAGER	ERLDC, POSOCO	9869251460
29	Pravat Ranjan jena			
30	Chandan Mallick	Dy. Mgr	ERLDC, POSOCO	
31	Nimish Seth			
32	Sushil Kumar			
33	Surajit Banerjee		ERLDC, POSOCO	9433041823
34	Faisal Ahmed			
35	Sanjaya Kumar Mishra			
36	Saurav Sahay	Chief Manager	ERLDC, POSOCO	
37	Nimisha Kumari		BSPTCL	7763817773
38	RTAMC		ER-II	
39	Karikalchozan M	ASST. GENERAL MANAGER	NTPC	
40	SLDC, DVC		DVC	
41	Sunil Kumar Sharma		NTPC ER-I	
42	Ashimananda Pal			
43	Pinki Debnath	MANAGER	ERLDC, POSOCO	
44	D.K Jain	EXECUTIVE DIRECTOR	ERLDC, POSOCO	
45	Chaterjee Biplab		TATA POWER	9204857100
46	Raj Protim Kundu		ERLDC, POSOCO	
47	Prasant Senapathy	ASST. GENERAL MANAGER	GMR	8114918762
48	Raj Kishore Mandal		NTPC	9431600132
49	Gagan Kumar	EXECUTIVE ENGINEER	SLDC, BSPTCL	7992486100
50	Shaibal Ghosh	DY. MANAGER	ERLDC, POSOCO	8584072079
51	Jogesh Chandra Patra		TSTPS NTPC	
52	M R Biswal	DIRECTOR	OHPC	
53	Sanjaya Kumar Sharma		DVC	9434539432
54	Preetam Banerjee			
55	Lenin Bodigadla	EXECUTIVE ENGINEER	ERPC	
56	Rajesh Kumar	Dy. CHIEF ENGINEER	DVC	9434480578
57	Akhouri A Prasad	ASST. GENERAL MANAGER	BRBCL	9425293583
58	Sandeep Ghosh			
59	CGM OPTCL	CHIEF GENERAL MANAGER	OPTCL	
60	Abhijit Chakraborty	Dy. CHIEF ENGINEER	DVC	8670221267
61	Dibyendu Bhattacharya			
62	S K Singh		POWERGRID	
63	Partha Ghosh	CHIEF MANAGER	POWERGRID	9434748263
64	Preetosh Ghosh			
65	Sudhakar Swain		OPGC	
66	Mohanty A. K		OHPC	
67	Debendra Kumar Naik			
68	Nadim Ahmed		ERLDC	
69	Madhumita Soren			



Smart Infrastructure

The General Manager-(CTU)
Power Grid Corporation of India Ltd
 Saudamini, Plot no.2
 Sector 29, Gurgaon
 Haryana 122001

Kind Att: Mr. Anil Meena

Name: Vikas Chaturvedi
 Department: RC-IN SI DG Software
 Telephone: 0124-6246680
 Fax:
 Mobile: +91 9654841659
 E-mail: Vikas.chaturvedi@siemens.com

Your letter of
 Our reference: PSS®E_dongles_exchange-01
 Date: 30/09/2020

Subject	Request to provide contact details for providing PSS®E Cmdongles to various stakeholders as part of Maintenance & Support contract reference no. CC-CS/1035-CC/ITSH-4149/3/G3/NOA/9060 dated 25/08/2020
----------------	--

Dear Sir,

Please refer to above contract regarding PSS®E Maintenance & Support renewal for various stakeholders as per enclosed list attached. Siemens need to supply new Cm dongles as a exchange to the old sentinel dongles of PSS®E. In this regard, we need the contact details of each company as per following. Please note the old sentinel dongles would not work with updated PSS®E version 35 and above and this new Cm dongles would work well with PSS®E V34 and PSS®E 33.12 as well. You will need to confirm the etched number on the existing sentinel dongles lock and confirmation the dongle will be returned within 30 days of supply of new Cmdongle deliverable.

Please confirm the below contact details to whom we can dispatch the new dongles. Kindly provide the above details at the earliest possible so that we can start this dongle exchange process.

Entity name:
Dispatch Address:
Primary contact:
Secondary contact:
Email Id:
Mobile Number:

Thank you

With best regards,

Vikas Chaturvedi
 Siemens Ltd.
 RC-IN SI DG SW
 Mobil: +91 9654841659
 Enclosed: Entities Details enclosed

Siemens Ltd.
 Management: Sunil Mathur

Plot no. 6A, Sector 18, Maruti
 Industrial Area, Huda, Gurgaon,
 Haryana 122015 **0124-6246000**

Registered Office: Birla Aurora, Level 21, Plot No. 1080, Dr. Annie Besant Road, Worli, Mumbai – 400030; Corporate Identity number: L28920MH1957PLC010839;
 Tel.: +91 (22) 3967 7000; Fax: +91 22 3967 7500;
 Contact / Email: www.siemens.co.in/contact; Website: www.siemens.co.in.
 Sales Offices: Ahmedabad, Bengaluru, Bhopal, Bhubaneswar, Chandigarh, Chennai, Coimbatore, Gurgaon, Hyderabad, Jaipur, Jamshedpur, Kharghar, Kolkata, Lucknow, Kochi, Mumbai, Nagpur, Navi Mumbai, New Delhi, Puducherry, Pune, Vadodara, Visakhapatnam.

Annexure-1

List of Organizations / Entities / STUs considered for M&S for PSSE Licenses.

Sl. No.	State transmission Utilities	Licenses considered	Dongle No
1	Power Grid Corporation of India Ltd.	35	16261, 16706, 17260 16262, 16708, 17264 16263, 16711, 17265 16287, 16712, 17277 16314, 16713, 17279 16315, 16714, 17281 16316, 16736, 17283 16621, 16737, 17288 16622, 16738, 17307 16623, 17210, 17309 16624, 17232, 17320 16690, 17248
2	Central Electricity Authority	11	16641, 16642, 16643, 16644, 16645, 16646, 16647, 16648, 16649, 16650, 17274,
3	Central Electricity Regulatory Commission	2	16606, 16607
4	Eastern Region Power Committee	2	16298, 17302
5	North Regional Power Committee	2	16320, 17208
6	North-Eastern Regional Power Committee	2	16280, 17265
7	Southern Regional Power Committee	2	16348, 17270
8	Western Regional Power Committee	2	16236, 17189
9	AP Transco	2	16344, 16345
10	Bhakra Beas Management Board	2	16338, 16339
11	Damodar Valley Corporation	2	16292, 16293
12	Delhi Transco Ltd	2	16324, 16325
13	Government of Arunachal Pradesh	2	16285, 16286
14	Government of Nagaland	2	16268, 16269
15	Government of Sikkim	2	16719, 16720
16	Gujarat Energy Transmission Company Limited	2	16259, 16260
17	HP Power Transmission Company Ltd	2	16317, 16318
18	Jharkhand State Electricity Board	2	16299, 16300
19	Karnataka State Power Transmission Corporation, Ltd.	2	16353, 16354
20	Kerala State Electricity Board	2	16340, 16341
21	Meghalaya Energy Corporation Ltd	2	16276, 16277
22	Odisha Power Transmission Company Ltd	2	16681, 16682

Singh Amit
KumarAgarwal
SamirGandhi
Manish

Record Notes of Discussions in respect of Procurement of Maintenance & Support of Power System Analysis Software (PSS/E) from SIEMENS.

Page 1 of 2

23	Power Transmission Corporation Uttaranchal Ltd	2	16470, 16472
24	Punjab State Transmission Company Ltd	2	16332, 16333
25	Rajasthan Rajya Vidyut Prasaran Nigam Ltd.	2	16334, 16335
26	Union Territory Chandigarh	2	16585, 16586
27	Union Territory Dadar & Nagar Haveli	2	16674, 16675
28	Uttar Pradesh Power Transmission Company Ltd	2	16319, 16321
29	West Bengal State Electricity Company Ltd	2	16296, 16297
30	Assam Electricity Grid Corporation Ltd	2	16274, 16275
31	Bihar State Power Transmission Company Ltd	2	16294, 16295
32	Chhattisgarh State Power Transmission Company Ltd	2	16671, 16672
33	Government of Goa	2	16264, 16265
34	Government of Manipur	2	16272, 16273
35	Government of Mizoram	2	16356, 16357
36	Government of Puducherry	2	16342, 16343
37	Haryana Vidyut Prasaran Nigam Ltd	2	16322, 16323
38	Union Territory of Jammu & Kashmir	2	16336, 16337
39	Madhya Pradesh Power Transmission Company Ltd	2	16250, 16251
40	Maharashtra State Electricity Transmission Company Ltd	2	16248, 16249
41	Tamil Nadu Transmission Corporation Ltd	2	16346, 16347
42	Tripura State Electricity Corporation Ltd	2	16270, 16271
43	Union Territory of Daman & Diu	2	16257, 16258
	Total Licenses	128	

Note: The above dongle numbers are as per Siemens record as per the distribution in 2012/13 under the referred contract dated 12.08.2012. In case of any changes in dongle numbers, the same shall be re-validated by SIEMENS without any cost liability, however number of licenses per entity for M&S renewal remains same.

अमित कुमार

अमित

विमल-समिर

Singh Amit
Kumar

Digitally signed by Singh Amit
Kumar
DN: c=India, o=Siemens AG, ou=India,
ou=Siemens, email=singh.amit@siemens.com,
date=2012.07.27 10:22:45 +0530

Agarwal
Samir

Digitally signed by Agarwal Samir
DN: c=India, o=Siemens AG, ou=India,
ou=Siemens, email=agarwal.samir@siemens.com,
date=2012.07.27 10:22:45 +0530

Gandhi
Manish

Digitally signed by Gandhi Manish
DN: c=India, o=Siemens AG, ou=India,
ou=Siemens, email=gandhi.manish@siemens.com,
date=2012.07.27 10:22:45 +0530

Record Notes of Discussions in respect of Procurement of Maintenance &
Support of Power System Analysis Software (PSS/E) from SIEMENS.

Page 2 of 2

अमित



Weekly Update - DMTCL LILO restoration status
by Darbhanga-Motihari Transmission Company Limited
29th October 2020



- **Current status of Temporary arrangement** – Power flow upto ~360 MW to North Bihar region through temporary restored Barh-Motihari line
- **Status of Permanent restoration**
 - The water levels in the Gandak river have now started receding. Work on rebuilding a new access road to the site is in progress (site pictures attached in slide 6-7 for reference) which is expected to complete soon. Discussion is in progress with contractor to mobilize the material and teams once the access road work is completed. Lowering water levels further, will allow contractors to set the labour camps near site, so that balance work can be completed as soon as possible. Procurement of material which was kept near site on the banks of river, which got washed away during the rise of water level in and around the site area is also initiated.
 - Pandemic situation remains a matter of grave concern as the no. of Covid cases are rising in the region (Newspaper coverage in slide 4-5 for reference) and lockdown in the containment zones across country is extended till 31st-October-2020 and all the guidelines issued by Ministry of Home Affairs (MHA) for 'unlock 5' are applicable.
 - All efforts are being made to construct approach road so that mobilizations of T&Ps, manpower and materials can be taken up at the earliest.

Current status of restoration work

Tower No.	Current Status	Remarks
Barh-Motihari Line		
25/1 (G)	Completed
25/2 (G)	Completed
25/3 (G)	Completed
26/0 (G)	Moved from river to land; 16/20 piles completed	No work progress
26/3 (A)	All 16 piles and 4 pile cap completed	Tower erection and Stringing after charging of Motihari Gorakhpur Circuit
26/4 (A)	All 4 legs completed	Same as above
Motihari-Gorakhpur Line		
26/1 (G)	All 16 piles, 4 Pile cap and chimney completed	No work progress
26/2 (G)	Completed
26/3 (G)	Moved from river to land; 11 piles completed	No work progress
27/0 (R)	Completed	----
27/3 (A)	All 16 piles completed; 4 Pile cap completed	No work progress
27/4 (A)	Foundation completed	No work progress



HISTORY:

OCC MEETING

Restoration of 132kV PTPS JUSNL-DVC Patratu Tie Circuit 84 (6C)

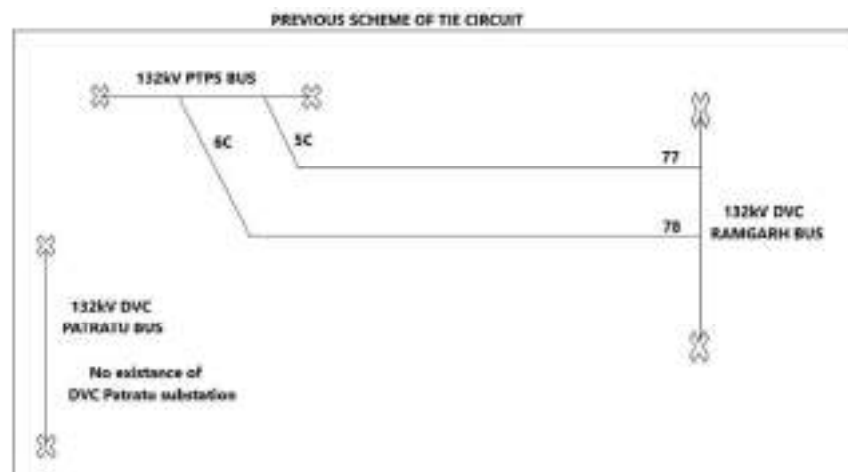
- Initially there were two independent 132kV lines between PTPS, Patratu and DVC Ramgarh s/s, which was called 77, 78 in terms of DVC nomenclature and 5C, 6C in terms of JSEB nomenclature. DVC Patratu s/s was not in existence.
- In early 70s, the configuration of existing circuitries modified with inception of newly constructed DVC Patratu s/s at Balkudra, patratu.

1

2

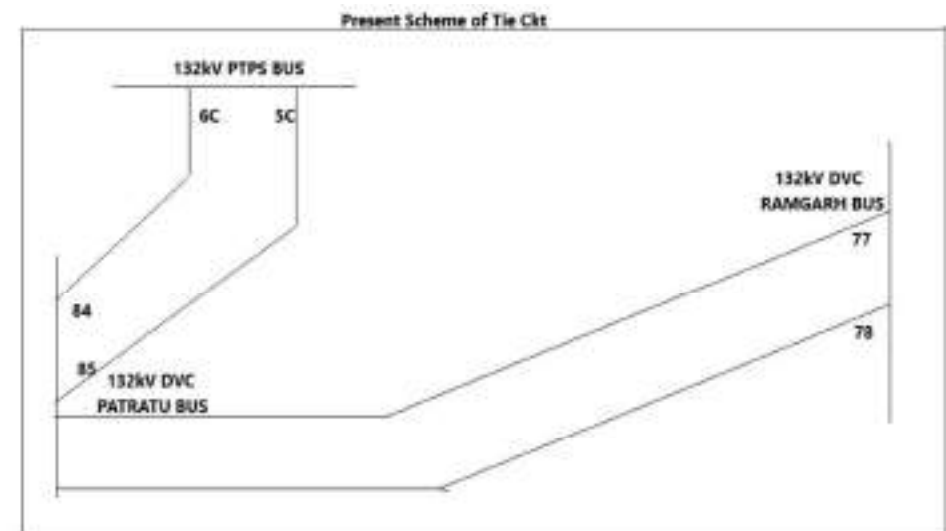


Previous Configuration of Tie Ckt



3

Present Configuration of Tie Ckt



4



Diversion Proposal & Coml Clearance



01. JUVNL approached DVC and sought clearance regarding diversion of Tie Ckts for construction of Ash Dyke area of new 2X800MW PTPS Project (a joint venture with NTPC).

02. Vide no. COML/Diversion/PTPS-5130 dated 26.02.2020, Commercial clearance was issued from DVC.

5



Content of Commercial Clearance



- As per remarks (column 17) of the said Coml. Clearance:

132kV Multi-circuit towers will be used where one side (i.e. left side from existing location no. 14 to gantry at PTPS end) will be utilized for DVC's transmission lines and other side will be used for M/s JUSNL's transmission lines due to paucity of corridor.

6



Shutdown Initiation and Work Progress



- Reference to the issued Construction Clearance, AGM, NTPC approached DVC Patratu substation on 28.02.2020 for shutdown of both circuits for a period of one week (upto 06.03.2020) at a stretch regarding the said diversion work.
- The work could not be materialized on time and subsequently threat of COVID-19 erupted.
- In view of urgency of the matter concerned, early restoration was requested from all corners.

7



Normalization of Tie Ckt. 85(5C)



- After consistent persuasion during LOCKDOWN situation from all corner, tie line 85 (5C) got normalized through top left side circuit of multi ckt. tower on 09.05.2020.
- Further, it was noticed that both side's lower ckts. of multi ckt. tower is in service for JUSNL's Ranchi based lines.

8



Request for amendment of Construction Clearance



- Vide letter no. 837 G.M, C&M(NWBP)/JUSNL dated 20.08.2020, JUSNL requested to DVC for amendment in construction clearance for early restoration of tie ckt 84.
- They conveyed that restoration of 84 through right side top ckt can easily be done but termination of the same in left side lower ckt as per construction clearance requires shutdown of both Ranchi based ckts for a considerable period which is very difficult in present scenario.

9



Point of View DVC Vs JUSNL



- Whenever shutdown of lower ckt would be required to carry out O&M activities in upper ckt, DVC will have to face the same difficulties which JUSNL is facing today.
- The maintenance of diverted section will be carried out by JUSNL as and when required. Further existing scheme will again be shifted in 4-5 years with shifting of switchyard of PTPS, which is underway.

10



Present Status of Site



- No work is going on, at Site.
- Tie Ckt 84 is out from PTPS end.
- It is kept charged from DVC end upto location no. 12.
- Early restoration is necessary in view of radial mode of power supply to Patratu and NK s/s.

11

Thank You



12

Highlights for the month of September-2020

Frequency Profile

Average Freq:- 50.0 Hz
Avg FVI:- 0.027
Lowest FVI:- 0.014

Max- 50.20 Hz on 26th September'20
Min- 49.64 Hz on 24th September'20

84.24% of the time freq was with in IEGC Band

Peak Demand

ER: 23600 MW on 12th September 2020 at 23:50 hrs
% Growth in Average Demand Met w.r.t. last year: 4.23%

BSPHCL : 6189 MW ; ON 10/09/20
JUVNL: 1778 MW; ON 20/09/20
DVC: 3295 MW; ON 12/09/20
GRIDCO: 4962 MW; ON 23/09/20
WB: 8949 MW; ON 14/09/20
SIKKIM: 102 MW; ON 07/09/20

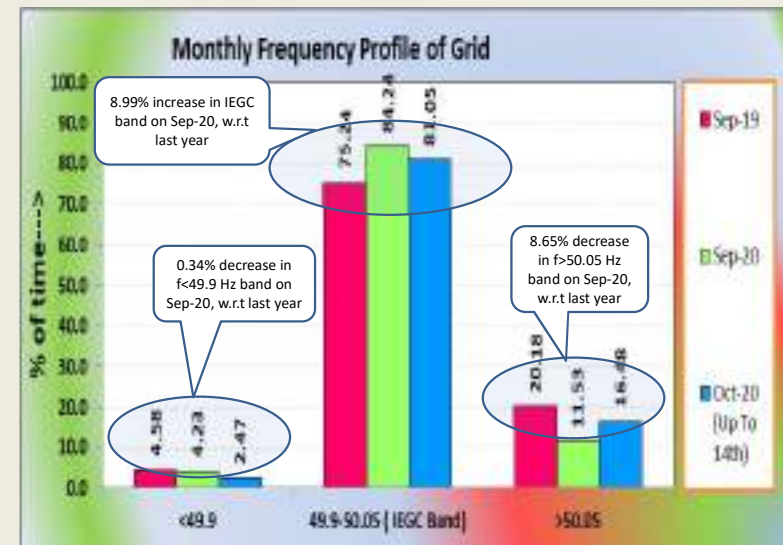
Energy met

Max. 513 MU on 05th Sep. 2020
%Growth w.r.t. last year on Max energy : 1.2%
Avg. 486 MU in September 2020
%Growth w.r.t. last year on Avg. energy : 5.1

New Unit/ Tr element
NIL

Open Access
STOA transactions approved : 203 nos.

Energy Approved-
645 MUs



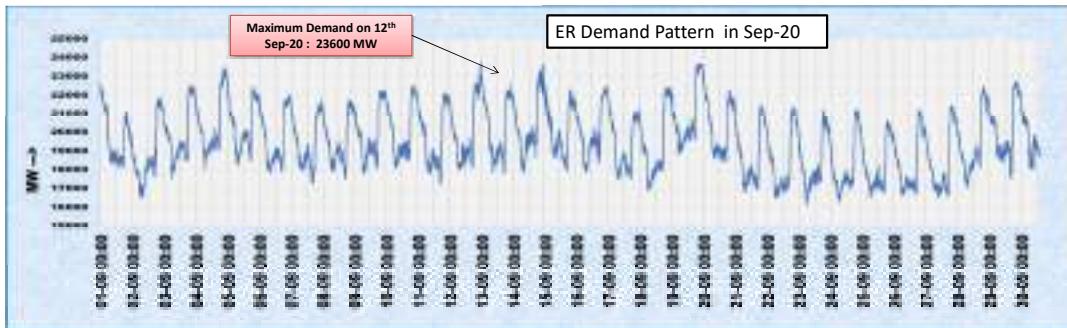
So Far Highest Demand

Constitute	Demand (in MW)	Date	Time	Dmd met (MW) on 12 th September'20 (max dmd met day)	
				MW	Time
Bihar	6189	10-Sep-20	20:12	6050	23:51
DVC	3543	21-Dec-19	18:06	3295	23:55
Jharkhand	1778	20-Sep-20	0:00	1588	23:54
Odisha	5558	23-Aug-18	20:21	4205	23:33
Sikkim	193	24-Jan-20	18:28	88	18:32
W. Bengal	9546	27-May-19	23:31	8406	23:45
ER	23645	03-Aug-20	20:47	23600	23:50

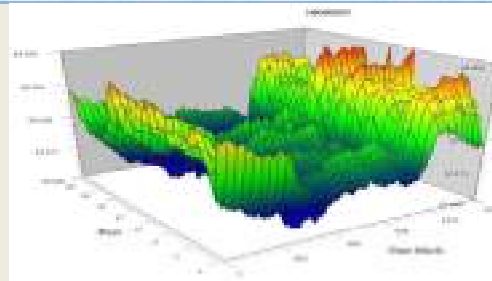
So Far Highest Energy Consumption

Constitute	Energy consumption (in MUs)	Date	Energy met on 12 th September'20 (max dmd met day)
Bihar	124.7	05-Sep-19	117.7
DVC	76.6	27-Apr-19	68.1
Jharkhand	30.6	15-Sep-20	28.7
Odisha	116.6	05-Oct-18	88.6
Sikkim	2.01	24-Jan-20	1.14
W. Bengal	206.2	18-Jul-19	171.8
ER	516.6	20-May-19	476.2

Energy Consumption Pattern
Pre – Post Covid-19 Lock Down



EASTERN REGION DEMAND
3D CURVES (Sep'20)



		2020	2019	
ER	Month	MU	MU	% Growth
	Mar	10557	12042	-12.3%
	Apr	9619	13061	-26.4%
QTR-1	May	11060	14036	-21.2%
	Jun	12661	13740	-7.9%
	July	13784	13762	0.2%
QTR-2	Aug	13806	14083	-2.0%
	Sep	13871	13237	4.8%

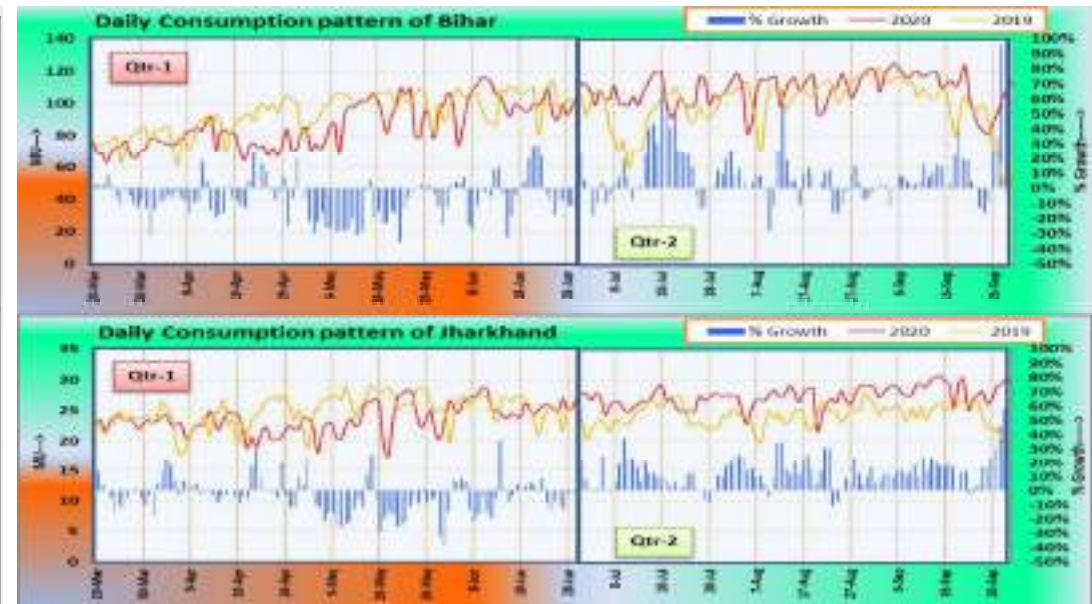
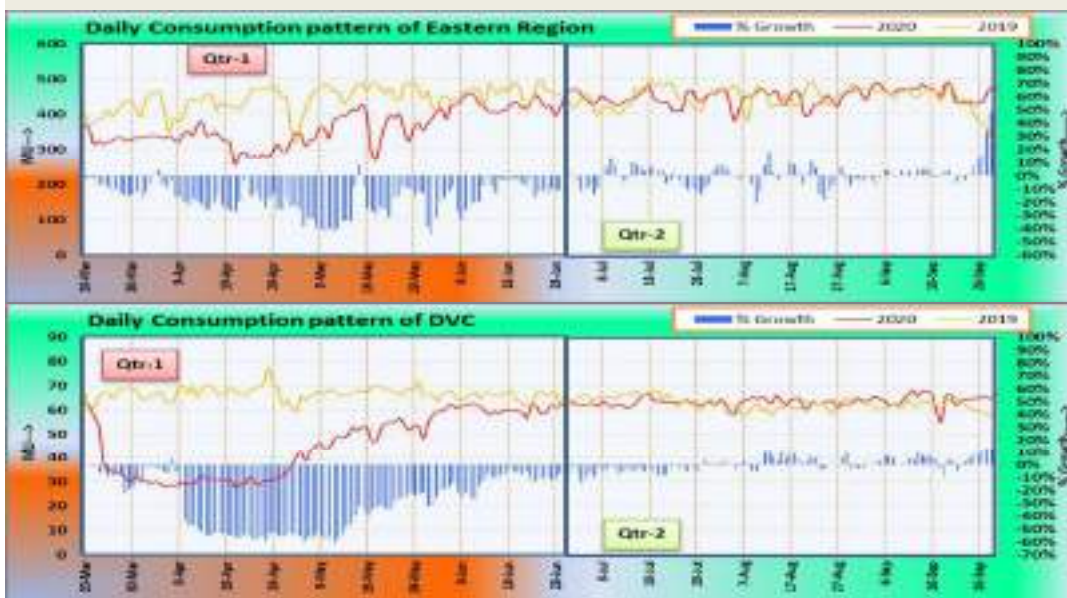
		2020	2019	
West Bengal	Month	MU	MU	% Growth
	Mar	3709	4288	-13.5%
	Apr	3633	4895	-25.8%
QTR-1	May	3658	5417	-32.5%
	Jun	4549	5242	-13.2%
	July	4983	5348	-6.8%
QTR-2	Aug	4969	5152	-3.6%
	Sep	5002	4862	2.9%

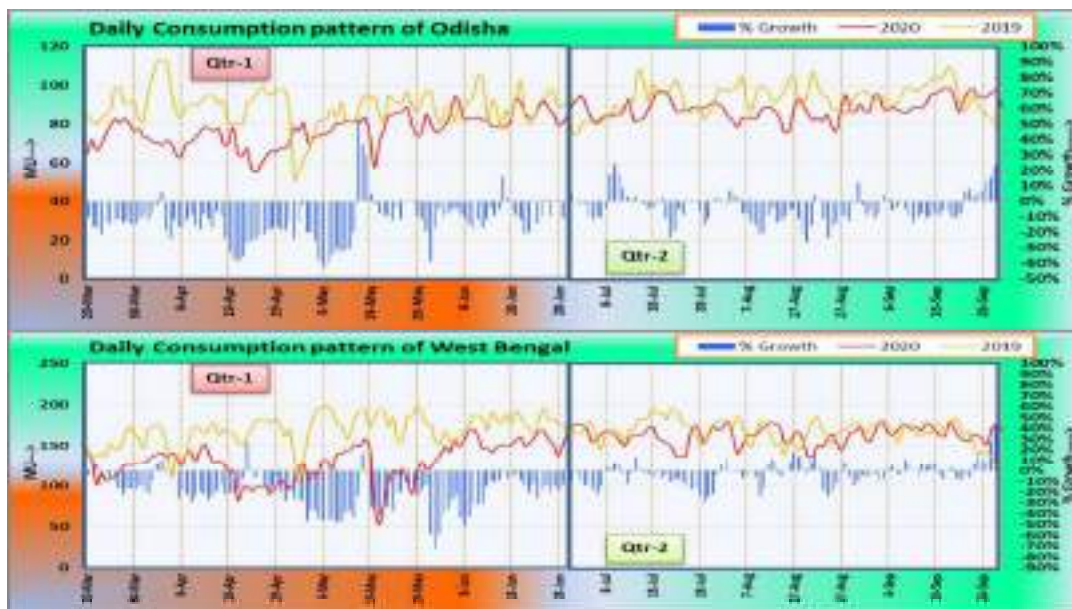
		2020	2019	
Odisha	Month	MU	MU	% Growth
	Mar	2299	2642	-13.0%
	Apr	2068	2792	-25.9%
QTR-1	May	2407	2614	-7.9%
	Jun	2510	2689	-6.7%
	July	2730	2770	-1.4%
QTR-2	Aug	2631	2950	-10.8%
	Sep	2755	2836	-2.8%

		2020	2019	
DVC	Month	MU	MU	% Growth
	Mar	1650	2036	-19.0%
	Apr	899	2034	-55.8%
QTR-1	May	1482	2072	-28.5%
	Jun	1805	1973	-8.5%
	July	1954	2013	-2.9%
QTR-2	Aug	1958	1912	2.4%
	Sep	1934	1853	4.4%

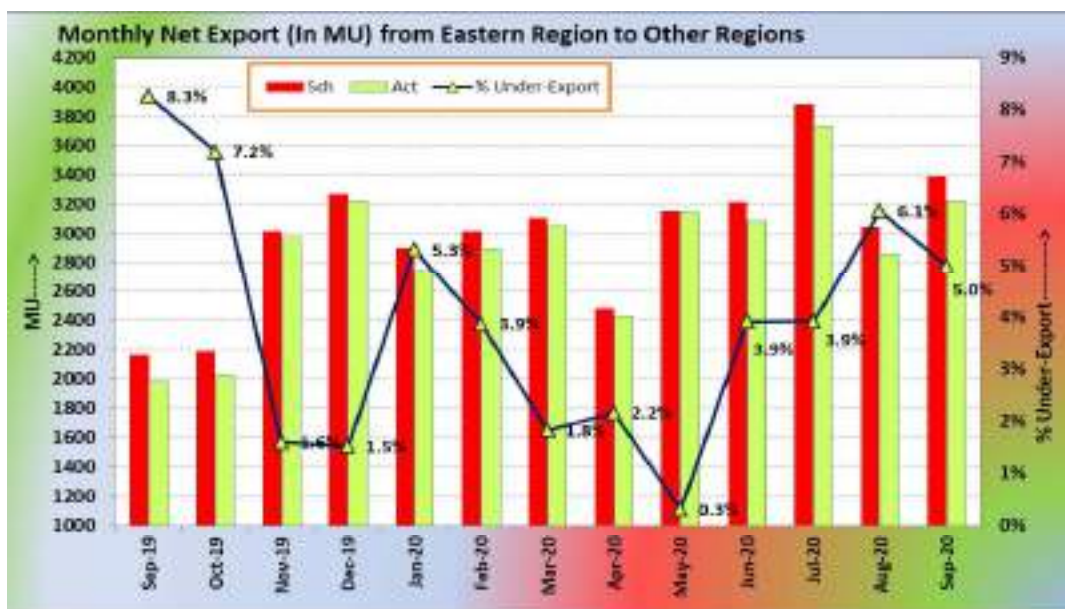
		2020	2019	
Jharkhand	Month	MU	MU	% Growth
	Mar	706	710	-0.6%
	Apr	668	708	-5.6%
QTR-1	May	724	813	-10.9%
	Jun	763	758	0.6%
	July	820	739	10.9%
QTR-2	Aug	835	746	11.8%
	Sep	852	730	16.8%

		2020	2019	
Sikkim	Month	MU	MU	% Growth
	Mar	42	40	5.4%
	Apr	37	36	3.0%
QTR-1	May	37	35	6.1%
	Jun	38	35	7.8%
	July	35	31	12.8%
QTR-2	Aug	29	25	12.2%
	Sep	33	29	13.6%

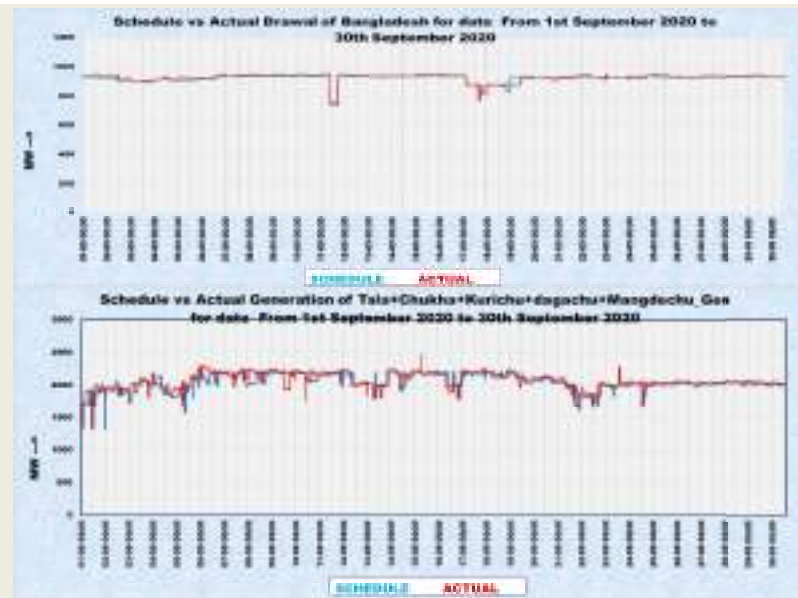
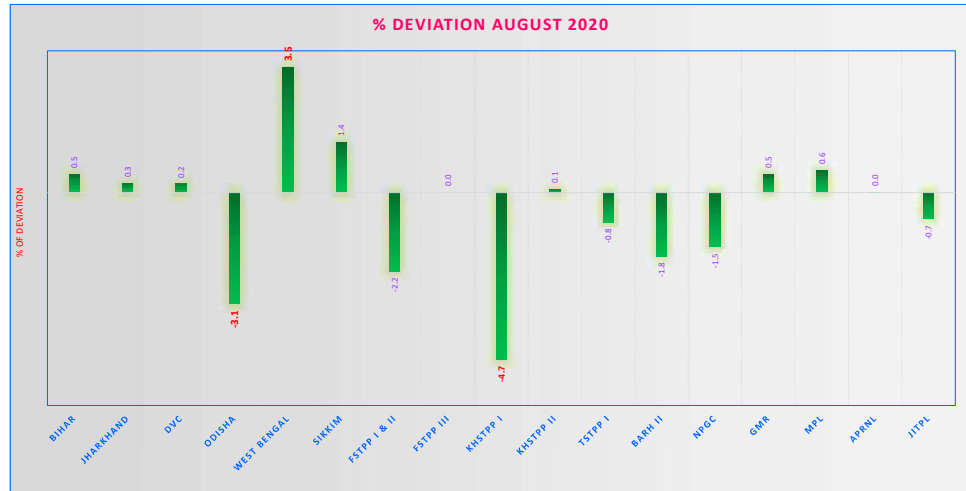




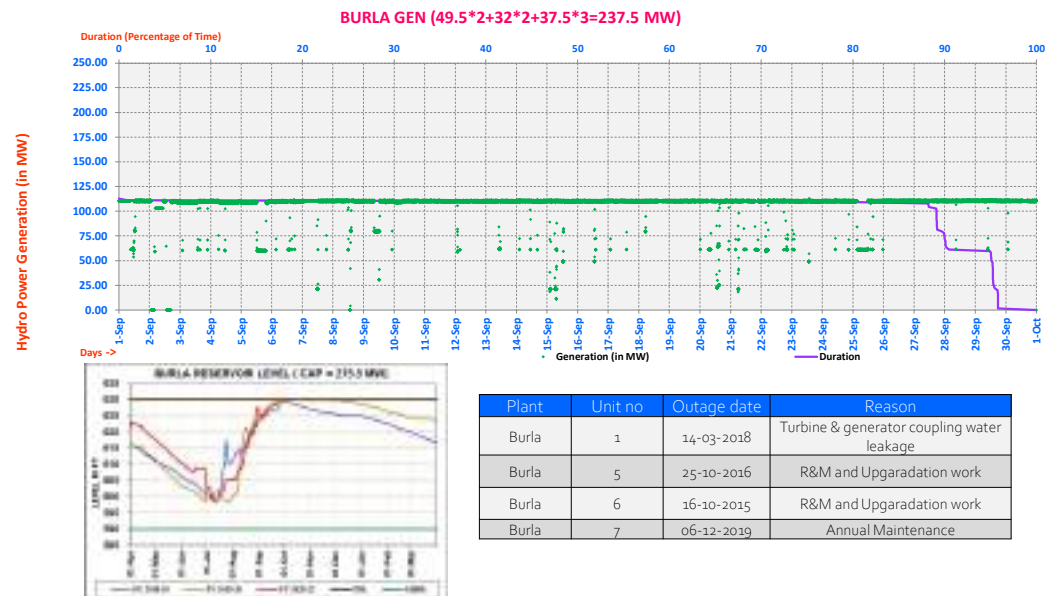
Over Drawl / Under Injection by ER
Entities
Non-compliance of direction issued by
SLDC

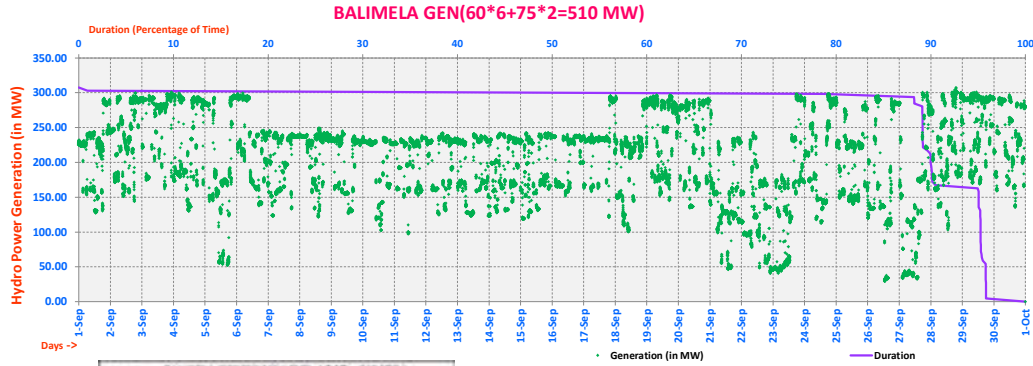


August 2020 Schedule vs Actual Status					
	Schedule (MU)	Actual (MU)	OD (MU)	Daily Avg OD (MU)	% Deviation
Bihar	3155	3171	16	0.5	0.5
Jharkhand	653	655	2	0.1	0.3
DVC	-1306	-1303	3	0.1	0.2
Odisha	567	549	-18	-0.6	-3.1
West Bengal	1576	1631	55	1.8	3.5
Sikkim	38	39	1	0.0	1.4
FSTPP I & II	671	656	-15	-0.5	-2.2
FSTPP III	234	230	-4	-0.1	0.0
KHSTPP I	445	424	-21	-0.7	-4.7
KHSTPP II	519	519	0	0.0	0.1
TSTPP I	585	580	-5	-0.2	-0.8
BARH II	692	679	-12	-0.4	-1.8
NPGC	431	425	-7	-0.2	-1.5
GMR	398	400	2	0.1	0.5
MPL	496	499	3	0.1	0.6
APRNL	232	232	0	0.0	0.0
JITPL	381	378	-3	-0.1	-0.7

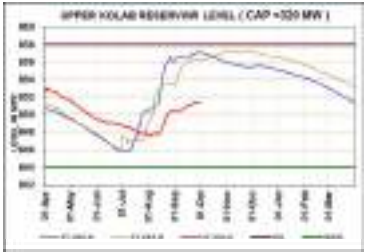
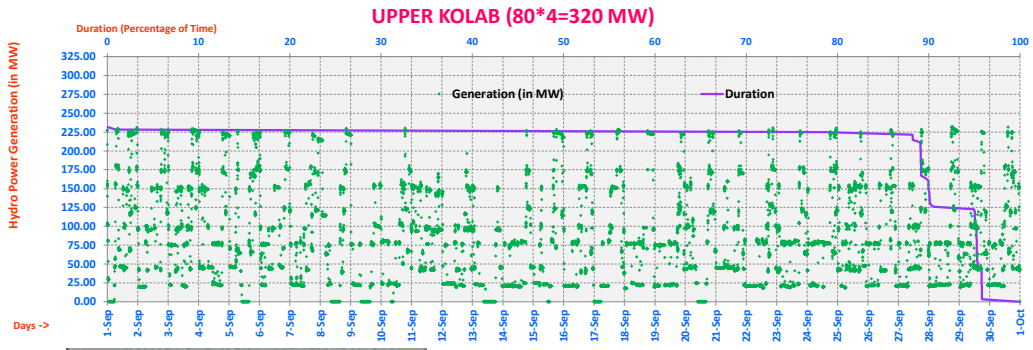
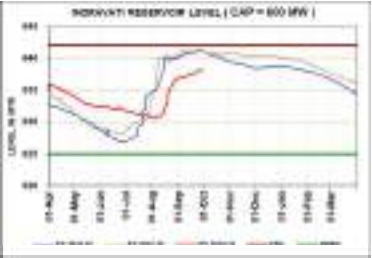
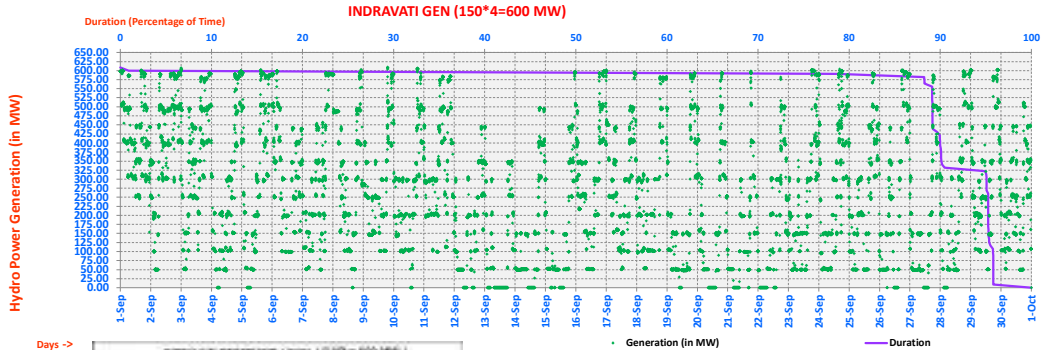
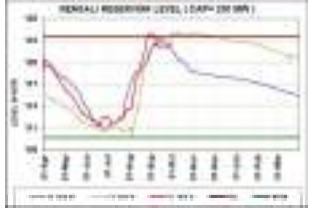
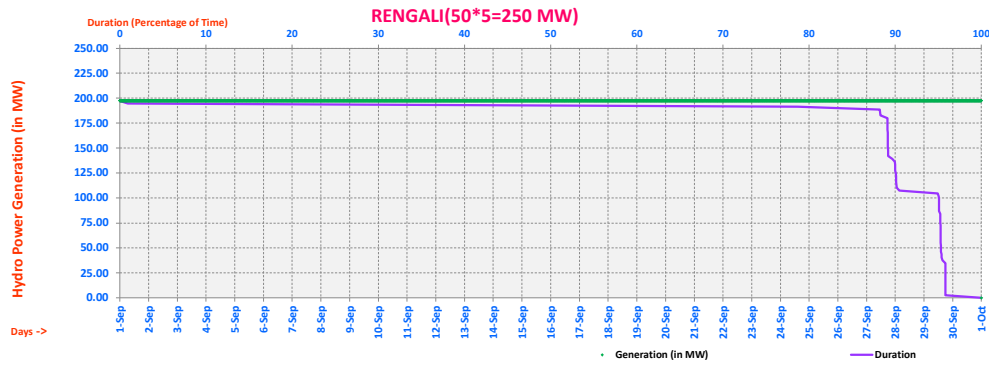


State Hydro Generators Performance



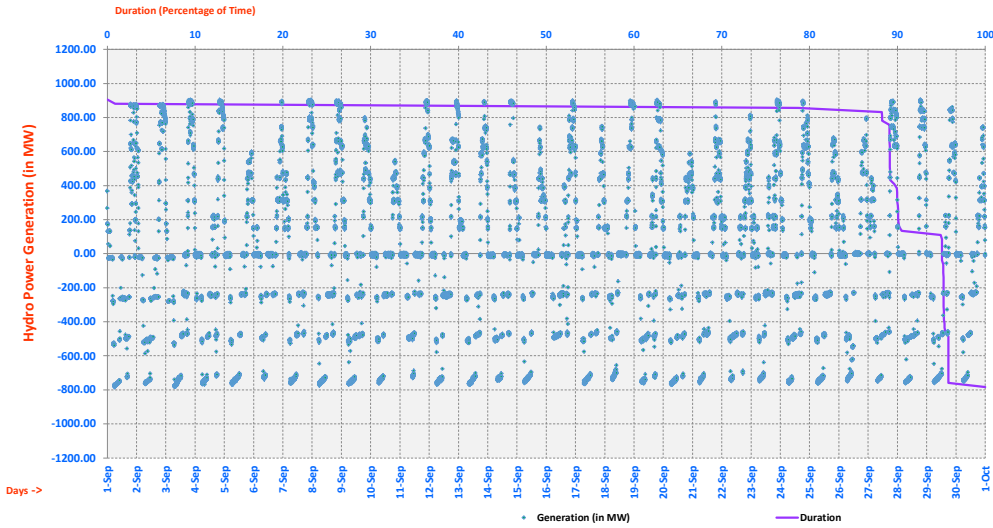


Plant	Unit no	Outage date	Reason
Balimela	1	05-08-2016	R&M and Upgradation work
Balimela	2	20-11-2017	R&M and Upgradation work
Balimela	4	02-03-2020	Problem in PMG



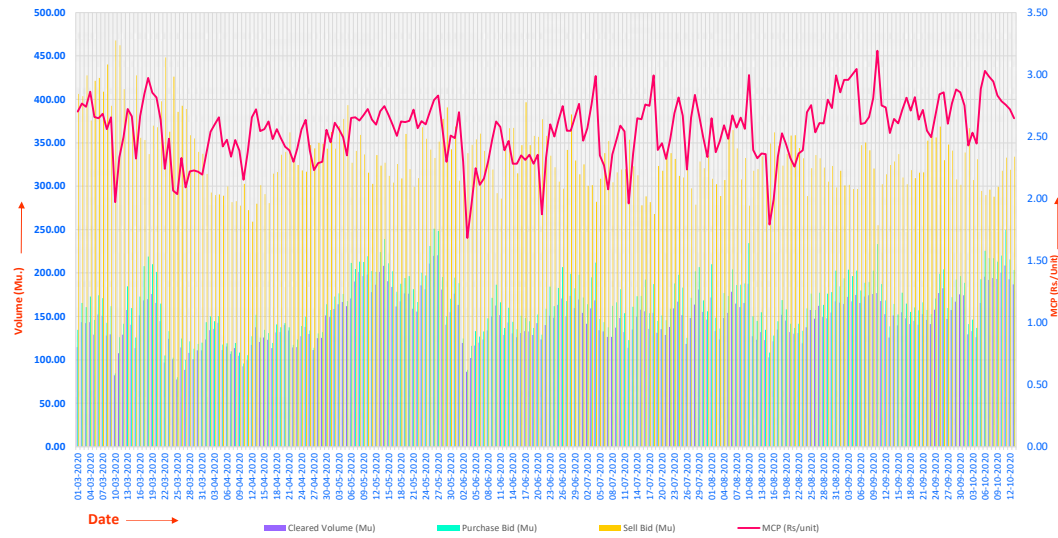
Plant	Unit no	Outage date	Reason
U. Kolab	3	07-01-2020	Turbine guide bearing problem

PPSP GEN / MOT (225*4=900 MW)

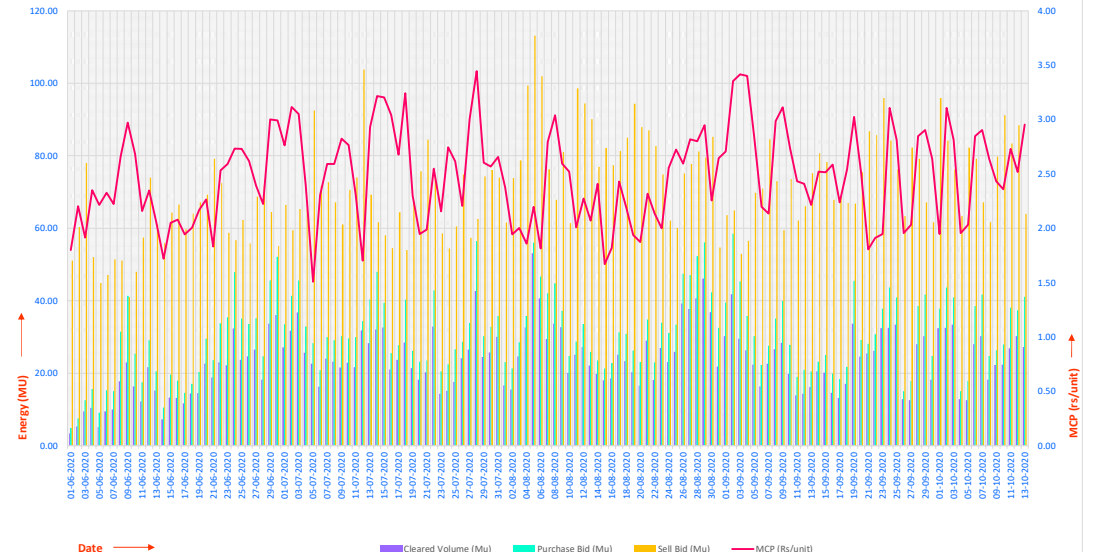


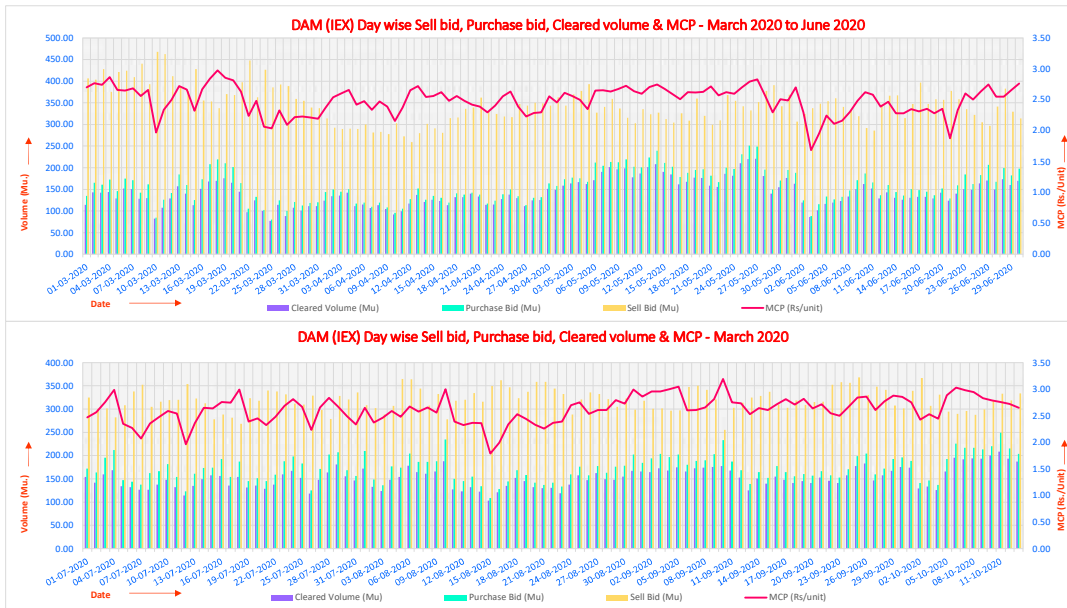
Utility Participation in DAM/RTM

DAM (IEX) Day wise Sell bid, Purchase bid, Cleared volume & MCP - March to Oct 2020

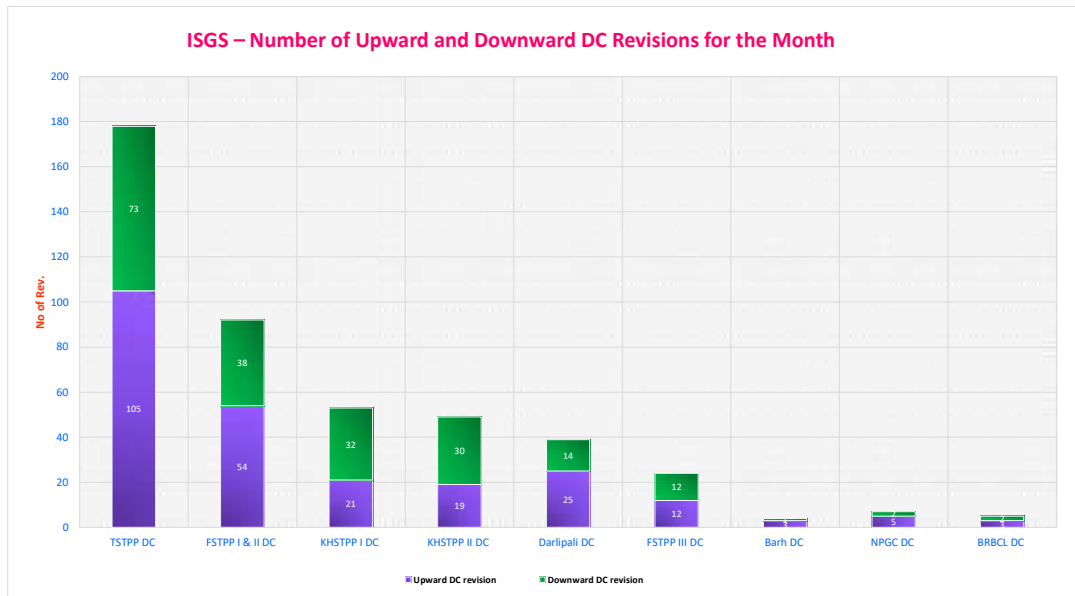
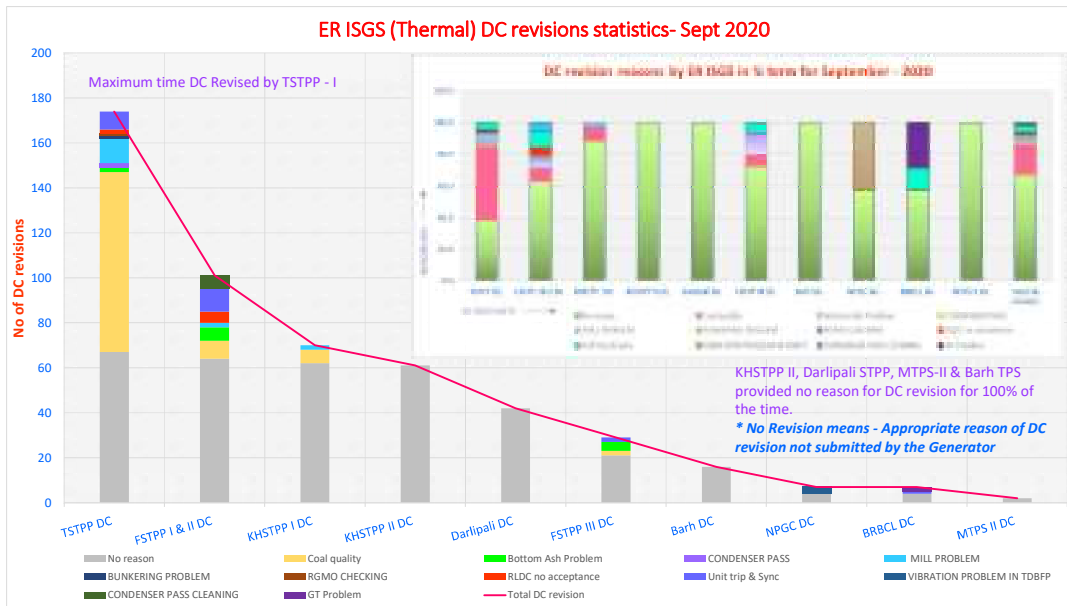


RTM (IEX) Day wise Sell bid, Purchase bid, Cleared volume & MCP - June 2020 to Oct 2020

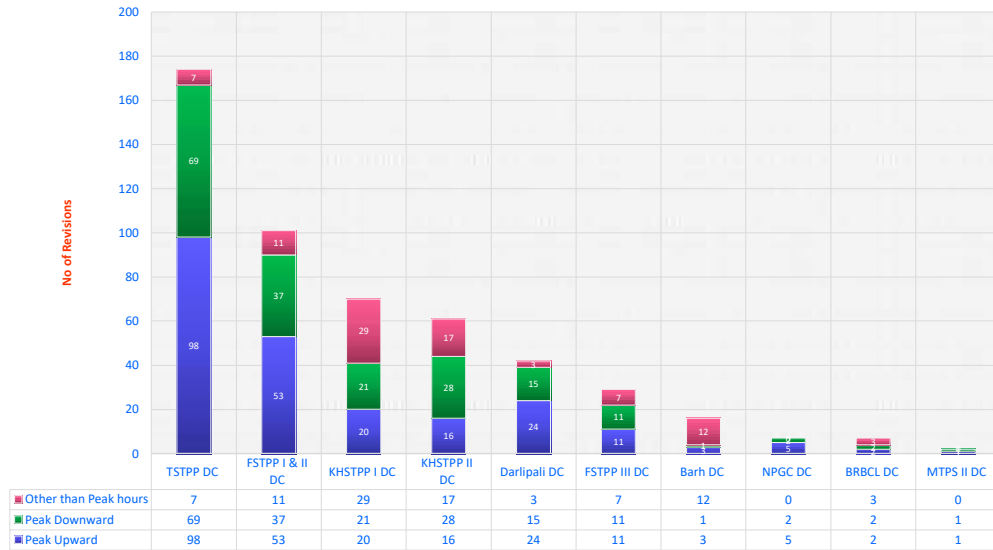




Generator DC Statistics for Sep - 2020



ISGS – Number of Upward and Downward DC Revisions done During Peak Hour



Transmission line Outage Statistics for Sep - 2020

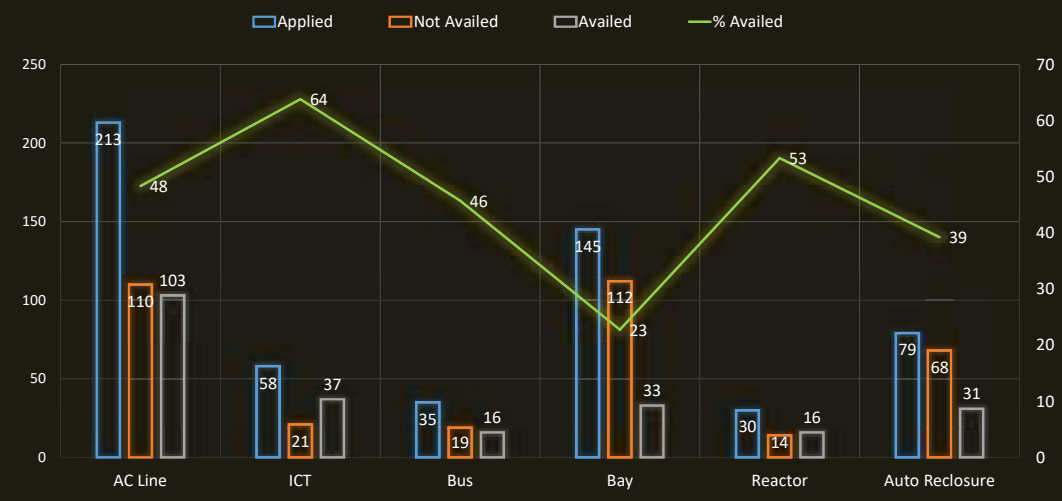
171st OCC Shutdown Review (Sept'2020)

- ❑ Total Number of Outages Approved at OCC – 564
- ❑ Total Number of Outages Applied in (D-3) – 256
- ❑ Total Number of Outages **Not** Applied in (D-3) - 308
- ❑ Total Number of Outages Approved in (D-2) – 256
- ❑ Total Number of outages Available on D – 256

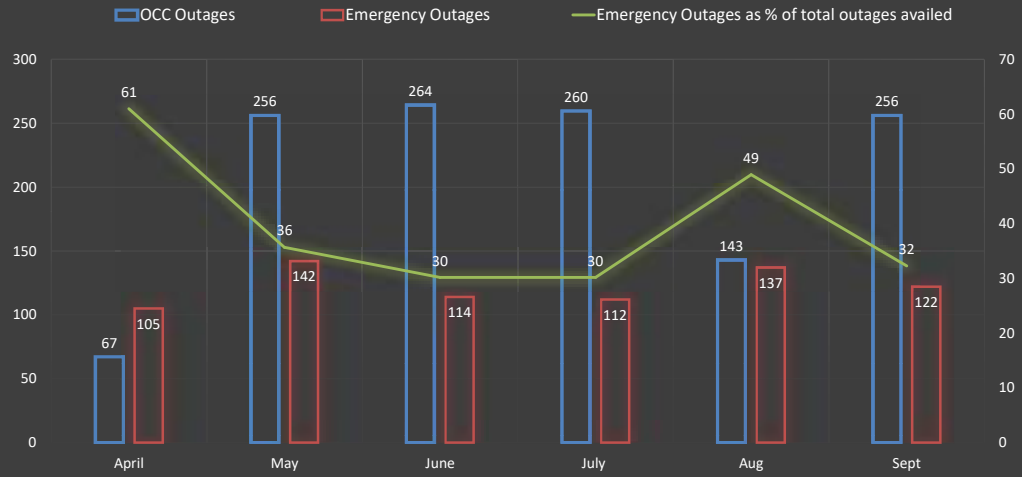
% OCC approved Outages Available & Not Available in (D-3) in Sep'20



Element wise OCC approved Outages Available & Not Available in (D-3) in Sept'20



Month wise trend in OCC & Emergency Outages



ANTICIPATED POWER SUPPLY POSITION FOR THE MONTH OF NOV-20			
SL.NO	PARTICULARS	PEAK DEMAND IN MW	ENERGY IN MU
1	BIHAR		
i)	NET MAX DEMAND	5250	2550
ii)	NET POWER AVAILABILITY- Own	400	174
iii)	Central Sector+Bi-Lateral	4750	2223
iv)	SURPLUS(+)/DEFICIT(-)	-100	-153
2	JHARKHAND		
i)	NET MAXIMUM DEMAND	1450	830
ii)	NET POWER AVAILABILITY- Own Source	341	175
iii)	Central Sector+Bi-Lateral+IPP	958	475
iv)	SURPLUS(+)/DEFICIT(-)	-151	-180
3	DVC		
i)	NET MAXIMUM DEMAND	2980	1915
ii)	NET POWER AVAILABILITY- Own Source	5700	2752
iii)	Central Sector+MPL	350	263
iv)	Bi- lateral export by DVC	2450	1188
v)	SURPLUS(+)/DEFICIT(-) AFTER EXPORT	620	-88
4	ODISHA		
i)	NET MAXIMUM DEMAND	4100	2340
ii)	NET POWER AVAILABILITY- Own Source	3569	1613
iii)	Central Sector	997	718
iv)	SURPLUS(+)/DEFICIT(-)	466	-9
5	WEST BENGAL		
5.1	WBSEDCL		
i)	NET MAXIMUM DEMAND	6065	2750
ii)	IPCL DEMAND	81	58
iii)	TOTAL WBSEDCL's Energy Requirement (incl.B'Desh+Sikkim+IPCL)	6156	2815
iv)	NET POWER AVAILABILITY- Own Source	4398	1625
v)	Contribution from DPL	465	190
vi)	Central Sector+Bi-lateral+IPP&CPP+TLDP	2443	1298
vii)	EXPORT (TO B'DESH & SIKKIM)	10	7
viii)	SURPLUS(+)/DEFICIT(-) AFTER EXPORT	1151	298
5.2	CESC		
i)	NET MAXIMUM DEMAND	1800	790
ii)	NET POWER AVAILABILITY- Own Source	700	393
iii)	FROM OTHER SOURCE (INCL. IPP/CPP-29-30 MU/M)	560	88
iv)	IMPORT FROM HEL	540	309
v)	TOTAL AVAILABILITY OF CESC	1800	970
vi)	SURPLUS(+)/DEFICIT(-)	0	0
6	WEST BENGAL (WBSEDCL+DPL+CESC) (excluding DVC's supply to WBSEDCL's command area)		
i)	NET MAXIMUM DEMAND	7996	3598
ii)	NET POWER AVAILABILITY- Own Source	5613	2208
iii)	CS SHARE+BILATERAL+IPP/CPP+TLDP+HEL	3543	1695
iv)	SURPLUS(+)/DEFICIT(-) BEFORE WBSEDCL'S EXP.	1161	305
v)	SURPLUS(+)/DEFICIT(-) AFTER WBSEDCL'S EXP.	1151	298
7	SIKKIM		
i)	NET MAXIMUM DEMAND	128	62
ii)	NET POWER AVAILABILITY- Own Source	4	1
iii)	- Central Sector	176	71
iii)	SURPLUS(+)/DEFICIT(-)	52	10
8	EASTERN REGION		
i)	NET MAXIMUM DEMAND	21111	11295
ii)	BILATERAL EXPORT BY DVC	2450	1188
iii)	EXPORT BY WBSEDCL	10	7
iv)	NET TOTAL POWER AVAILABILITY OF ER (INCLUDING CS ALLOCATION +BILATERAL+IPP/CPP+HEL)	26998	12367
v)	ENERGY SURPLUS(+)/DEFICIT(-) OF ER AFTER EXPORT (v = iv - i - ii - iii)	3427	-122

Annexure D2

ERLDC, KOLKATA											
TRANSMISSION ELEMENTS OUTAGE APPROVED(EXCEPT BAYS) IN 172nd (Oct 2020) OCC MEETING OF ERPC											
SI	NAME OF THE ELEMENTS	FROM		TO		REMARKS	S.D availing agency	Reason	Remarks from Indenting Agencies	Consent required	POST-MEETING COMMENTS
		DATE	TIME	DATE	TIME						
1	400kV Koderma - Biharsarif-I	1-Nov-20	8:00	3-Nov-20	18:00	ODB	POWERGRID ER-I	For changing porcelain insulator by polymer insulator at road/rail/river/powerline crossings.		DVC	
2	A/R OF 400 KV BIHARSHARIF-KODERMA-II	1-Nov-20	8:00	3-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I		DVC	
3	A/R OF RANCHI-MAITHON(RB)-II	1-Nov-20	08:00	30-Nov-20	17:00	ODB	POWERGRID ER-I	LIVE LINE OPGW INSTALLATION WORK			
4	A/R OF BIHARSHARIF-KODERMA-II	1-Nov-20	08:00	30-Nov-20	17:00	ODB	POWERGRID ER-I	LIVE LINE OPGW INSTALLATION WORK			
5	A/R OF BARH MOTIHARI II	1-Nov-20	08:00	30-Nov-20	17:00	ODB	POWERGRID ER-I	LIVE LINE OPGW INSTALLATION WORK			
6	A/R OF MOTIHARI GORAKHPUR II	1-Nov-20	08:00	30-Nov-20	17:00	ODB	POWERGRID ER-I	LIVE LINE OPGW INSTALLATION WORK		NLDC	
7	400KV BINAGURI-RANGPO-1 line	1-Nov-20	9:00	30-Nov-20	18:00	OCB	POWERGRID, ER-II	Dismantalling of ACSR Conductor & re-stringing with HTLS Conductor			PG ER-II to submit detail of day wise work plan to avail SD of Rangpo Binaguri DC. SPS at RANGPO for all hydro generators should be tested before applying the shutdown
8	400KV BINAGURI-RANGPO-2 line	1-Nov-20	9:00	30-Nov-20	18:00	OCB	POWERGRID, ER-II	Dismantalling of ACSR Conductor & re-stringing with HTLS Conductor			PG ER-II to submit detail of day wise work plan to avail SD of Rangpo Binaguri DC. SPS at RANGPO for all hydro generators should be tested before applying the shutdown
9	220KV Siliguri-Kishanganj-1	1-Nov-20	8:00	8-Nov-20	17:00	OCB	POWERGRID, ER-II	OCB-NH crossing work 168-169 & 187-188 & Fixing of Arcing Horn			PG ER-II to submit detail of day wise work plan to avail SD
10	220KV Siliguri-Kishanganj-2	1-Nov-20	8:00	8-Nov-20	17:00	OCB	POWERGRID, ER-II	OCB- NH crossing work 168-169 & 187-188 & Fixing of Arcing Horn			PG ER-II to submit detail of day wise work plan to avail SD
11	500MVA ICT#2 at Maithon	1-Nov-20	9:30	1-Nov-20	17:00	ODB	POWERGRID, ER-II	Fine Tuning of CSD		DVC	
12	A/R in non-auto mode in 400KV Teestall-I-Kishanganj TL	1-Nov-20	7:00	30-Nov-20	18:00	ODB	POWERGRID, ER-II	For OPGW installation Work			
13	A/R in non-auto mode in 132KV Rangpo-Chuzachen-I & II	1-Nov-20	7:00	30-Nov-20	18:00	ODB	POWERGRID, ER-II	For OPGW installation Work		Chuzachen	
14	A/R in non-auto mode in 400KV Maithon-Jamshedpur TL	1-Nov-20	7:00	30-Nov-20	18:00	ODB	POWERGRID, ER-II	For OPGW installation Work under TBCB project			
15	A/R in non-auto mode in 400KV Mejia-Jamshedpur TL	1-Nov-20	7:00	30-Nov-20	18:00	ODB	POWERGRID, ER-II	For OPGW installation Work under TBCB project		DVC	
16	A/R in non-auto mode in 400KV Andol-Jamshedpur-I	1-Nov-20	7:00	10-Nov-20	18:00	ODB	POWERGRID, ER-II	For OPGW installation Work under TBCB project		DVC	
17	400kV Purnea-Biharsharif line CKT-1	1-Nov-20	8:00	1-Nov-20	18:00	ODB	ENICL	Helical installation & SD defect rectification			May be allowed after accessing hydro generation.

18	A/R of 400kV Purnea-Biharsharif line CKT-2	1-Nov-20	8:00	1-Nov-20	18:00	ODB	ENICL	A/R in Non Auto Mode for Helical installation & SD defect rectification.			May be allowed after accessing hydro generation.
19	765KV Angul-Srikakulam Line-2 along with 240MVAR LR at Angul	1-Nov-20	7:00	1-Nov-20	17:00	ODB	ER-II/Odisha/Angul	Line Maintenance Work and Line reactor AMP	Already approved in SRPC meeting held in September (for information)		ER-SR TTC Revision
20	315MVA, ICT-2 at Bolangir	1-Nov-20	9:00	9-Nov-20	17:00	OCB	ER-II/Odisha/Balangir	Internal inspection and Bushings lead connection checking due to rise in fault gases.		Gridco	220 kV Netwok from Bolangir to be radialized. Total load at Bolangir to be restricted to 300 MW
21	400KV Balangir-Jeypore S/c line	1-Nov-20	9:00	15-Nov-20	17:00	OCB	ER-II/Odisha/Balangir	Dismantling of 2 nos. existing towers, installation of 3nos. New towers under existing line and stringing of 4 nos. span for line diversion work due to construction of new			ER-SR TTC Revision
22	A/R OF 400KV Sundargarh-Raigarh Ckt #1&3	1-Nov-20	08:00	14-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	For PID Testing of Porcelain Insulator. Only Auto reclose		NLDC	
23	765KV Sundargarh-Angul Ckt #1	1-Nov-20	08:00	7-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	Delta A type tower strenthening and TL Maint work		NLDC	
24	A/R to be in non automode of 400 kV Baripada-Duburi Line	1-Nov-20	7:00	30-Nov-20	17:00	ODB	ER-II/Odisha	Line Auto-reclose switch is to be kept in Non-auto mode For stringing of OPGW under "EASTERN REGION FIBRE OPTIC EXPANSION PROJECT (Additional Requirement)"		Gridco	
25	A/R to be in non automode of 400 kV Dubur-Pandiabili Line	1-Nov-20	7:00	30-Nov-20	17:00	ODB	ER-II/Odisha	Line Auto-reclose switch is to be kept in Non-auto mode For stringing of OPGW under "EASTERN REGION FIBRE OPTIC EXPANSION PROJECT (Additional Requirement)"		Gridco	
26	A/R to be in non automode of 400 kV Pandiabili-Mendhasal Ckt 2	1-Nov-20	7:00	30-Nov-20	17:00	ODB	ER-II/Odisha	Line Auto-reclose switch is to be kept in Non-auto mode For stringing of OPGW under "EASTERN REGION FIBRE OPTIC EXPANSION PROJECT (Additional Requirement)"		Gridco	
27	A/R to be in non automode of 400 kV Angul-GMR Ckt 1	1-Nov-20	7:00	30-Nov-20	17:00	ODB	ER-II/Odisha	Line Auto-reclose switch is to be kept in Non-auto mode For stringing of OPGW under "EASTERN REGION FIBRE OPTIC EXPANSION PROJECT (Reliable Requirement)"		Gridco	
28	A/R to be in non automode of 400 kV Angul-JITPL Ckt 1	1-Nov-20	7:00	30-Nov-20	17:00	ODB	ER-II/Odisha	Line Auto-reclose switch is to be kept in Non-auto mode For stringing of OPGW under "EASTERN REGION FIBRE OPTIC EXPANSION PROJECT (Reliable Requirement)"			
29	A/R to be in non automode of 400kV Angul-GMR Ckt 2	1-Nov-20	7:00	30-Nov-20	17:00	ODB	ER-II/Odisha	Line Auto-reclose switch is to be kept in Non-auto mode For stringing of OPGW under "EASTERN REGION FIBRE OPTIC EXPANSION PROJECT (Reliable Requirement)"			
30	A/R to be in non automode of 400 kV Angul-JITPL Ckt 2	1-Nov-20	7:00	30-Nov-20	17:00	ODB	ER-II/Odisha	Line Auto-reclose switch is to be kept in Non-auto mode For stringing of OPGW under "EASTERN REGION FIBRE OPTIC EXPANSION PROJECT (Reliable Requirement)"			
31	A/R to be in non automode of 765 kV Angul-Srikakulam Ckt 1	1-Nov-20	7:00	30-Nov-20	17:00	ODB	ER-II/Odisha	Line Auto-reclose switch is to be kept in Non-auto mode For stringing of OPGW under "EASTERN REGION FIBRE OPTIC EXPANSION PROJECT (Reliable Requirement)"		NLDC	
32	400/220kV ICT-1 at Jamshedpur	2-Nov-20	10:00	2-Nov-20	12:00	ODB	POWERGRID ER1	For OLTC oil DGA test sampling at Jamshedpur.		JSEB	
33	500MVA ICT-2 at New Purnea S/s	2-Nov-20	10:00	2-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.			
34	220KV Muzaffarpur -Dhalkebar (Nepal) Line -1 & 2	2-Nov-20	8:00	7-Nov-20	19:00	OCB	POWERGRID ER-I	Destrining & re-strining of one span of 400 KV line near by Muzaffarpur substation. PLCC & DPC erection, testing & commissoing. FOTE panel shifting & end end testine		NLDC	
35	315 MVA ICT 1 at Biharsharif	2-Nov-20	10:00	2-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		BSEB	To be availed after Chhath Puja
36	A/R OF Maithon Kahalgaon line -II	2-Nov-20	9:00	5-Nov-20	17:00	ODB	POWERGRID ER-I	Rectification of OPGW sag from top conductor			
37	765 kV New Ranchi-Dharamjaygarh Ckt-II	2-Nov-20	8:00	7-Nov-20	17:00	ODB	POWERGRID ER-I	For Tower Strengthning work executed To be completed - 35; Completed till date- Nil; Balance- 35		NLDC	Work completed

38	A/R OF New Ranchi Dharamjaygarh Ckt-I	2-Nov-20	8:00	7-Nov-20	17:00	ODB	POWERGRID ER-I	To facilitate shutdown of New Ranchi Dharamjaygarh Ckt-II		NLDC	
39	220KV BUS-1 at Siliguri	2-Nov-20	10:00	2-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP work			Bus-2 Should be available, Should not be combined with Siliguri-Kishanganj D/C shutdown
40	400KV Rangpo- Teesta-V-1	2-Nov-20	9:00	4-Nov-20	17:00	ODB	POWERGRID, ER-II	line maintenance Works		TEESTA-V	May be allowed when only two unit available at Teesta-V. Sr. Any other shutdown related to the line may be clubbed
41	400kv Rajarhat-Subhashgram line with 400KV Main Bus Bar-1 at Rajarhat	2-Nov-20	09:00:00	3-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity.		WB	All other lines at Rajarhat and Subhasgram should be available
42	400 KV Main Bus-I at Subhasgram	2-Nov-20	7:00	2-Nov-20	17:00	ODB	POWERGRID, ER-II	For dismantalling of old 407 & 410 Bay Bus Isolator and installation & commissioning of new 407 & 410 Bay Bus Isolator under ERSS - XVIII Project. & Bay Stability Test	400 KV Main Bus-1 will be under Shutdown.	WB	
43	A/R of 400kv Purnea-Biharsharif line CKT-1	2-Nov-20	8:00	2-Nov-20	18:00	ODB	ENICL	A/R in Non Auto Mode for Helical installation & SD defect rectification.			May be allowed after accessing hydro generation.
44	400kv Purnea-Biharsharif line CKT-2	2-Nov-20	8:00	2-Nov-20	18:00	ODB	ENICL	Helical installation & SD defect rectification			May be allowed after accessing hydro generation.
45	3 X 166.7 MVA COUPLING TRANSFORMER at Jeypore	2-Nov-20	9:00	2-Nov-20	13:00	ODB	ER-II/Odisha /Jeypore	Unit change over of Coup. Transformer			
46	400 KV ROURKELA-CHAIBASA # 2 LINE	2-Nov-20	10:30	2-Nov-20	13:00	ODB	ER-II/ODISHA/ROURKELA	FOR TAKING THE LINE REACTOR OUT OF SERVICE FOR GASKET REPLACEMENT & OVERHAULING WORKS TO ARREST OIL LEACKAGES			
47	50 MVA, 400 KV CHAIBASA # 2 LINE REACTOR at Rourkela	2-Nov-20	9:30	14-Nov-20	17:00	OCB	ER-II/ODISHA/ROURKELA	GASKET REPLACEMENT & OVERHAULING WORKS TO ARREST OIL LEACKAGES			
48	765KV BUS-3(GIS) at Sundargarh	2-Nov-20	08:00	2-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP of BUS3 along with AMP of Bus Scetionalizer bay no.731		NLDC	
49	400kv MTPS-Maithon PG L#1	2-Nov-20	8:00	2-Nov-20	17:00	ODB	DVC	For maintenance of bay			
50	50 MVAR switchable Line Reactor # 2(connected to 400 KV MPL-Ranci-CKT-2)	2-Nov-20	8:00	7-Nov-20	18:00	OCB	MPL	Oil filtration and protection trial			
51	400/220kv ICT-2 at Jamshedpur	3-Nov-20	10:00	3-Nov-20	12:00	ODB	POWERGRID ER1	For OLTC oil DGA test sampling at Jamshedpur.		JSEB	
52	400KV RANCHI-ROURKELA-1	3-Nov-20	9:00	3-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
53	A/R OF 400KV RANCHI-ROURKELA-2	3-Nov-20	9:00	3-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
54	220KV BUS-2 at Siliguri	3-Nov-20	10:00	3-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP work			Other Bus should be available, may not coincide with Siliguri-Kishanganj SD
55	800 KV HVDC Alipuduar-Agra POLE-3	3-Nov-20	8:00	4-Nov-20	17:00	ODB	POWERGRID, ER-II	Rectification of S/D nature of activities in Altagram area (loc. 1288- 1294) which is unattended since commissioning of line due to severe ROW problem			

56	220KV Dalkhola Gazole-1	3-Nov-20	09:00	3-Nov-20	17:00	ODB	POWERGRID, ER-II	FOR AMP		WB	
57	400KV Durgapur - Jamshedpur-I	3-Nov-20	9:00	3-Nov-20	17:00	ODB	POWERGRID, ER-II	PLCC Retrofitting works & End to End Testing through DTPC			
58	500MVA ICT#3 at Maithon	3-Nov-20	10:30	4-Nov-20	18:00	ODB	POWERGRID, ER-II	To attend constructional punch points: 1. Onload testing of CSD of Main Bay (421). 2. commissioning of ODGA. 3. leakage arresting from radiator fins		DVC	Work of leakage arresting from radiator fins will be done without availing shutdown
59	400 KV D/C Arambag - Kolaghat, Arambag - New Chanditala TL (WBSETCL)	3-Nov-20	8:00	4-Nov-20	17:00	ODB	POWERGRID, ER-II	Stringing b/w AP 31/0 to 32/0 of 765 KV D/C Medinipur-Jeerat TL Over existing 400 KV D/C Arambag - Kolaghat, Arambag - New Chanditala TL (WBSETCL)		WB	
60	400kv Purnea-Biharsharif line CKT-1	3-Nov-20	8:00	3-Nov-20	18:00	ODB	ENICL	Helical installation & SD defect rectification			May be allowed after accessing hydro generation.
61	A/R of 400kv Purnea-Biharsharif line CKT-2	3-Nov-20	8:00	3-Nov-20	18:00	ODB	ENICL	A/R in Non Auto Mode for Helical installation & SD defect rectification.			May be allowed after accessing hydro generation.
62	Arambag-KTPP 400 KV Ckt	3-Nov-20	7:00	3-Nov-20	15:00	ODB	WB	Tree Trimming			May be combined with Powergrid SD
63	400 KV Main Bus-I at KTPP	3-Nov-20	8:00	3-Nov-20	17:00	ODB	WB	Testing of CVT			
64	160 MVA ICT II at Baripada	3-Nov-20	9:00	3-Nov-20	17:00	ODB	ER-II/Odisha/BARIPADA C/C	AMP works		Gridco	
65	765KV BUS-4(GIS) at Sundargarh	3-Nov-20	08:00	3-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP of BUS4 along with AMP of Bus Scetionalizer bay no.732		NLDC	
66	400kv MTPS-Maithon PG L#1	3-Nov-20	8:00	3-Nov-20	17:00	ODB	DVC	For maintenance of bay			
67	400kv RTPS-RANCHI PG L#2	3-Nov-20	8:30	3-Nov-20	17:00	ODB	DVC	Necessary Bay maintenance/ checking at RTPS End			
68	A/R OF 400kv Ranchi-Rourkela # 1 line	4-Nov-20	9:30	4-Nov-20	17:30	ODB	POWERGRID ER1	TO FACILITATE S/D OF CKT-II.			
69	400kv Ranchi-Rourkela # 2 line	4-Nov-20	9:30	4-Nov-20	17:30	ODB	POWERGRID ER1	Flashed Insulator replacement work at Loc. No. 342			
70	400KV RANCHI-ROURKELA-2	4-Nov-20	9:00	4-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
71	A/R OF 400KV RANCHI-ROURKELA-1	4-Nov-20	9:00	4-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
72	220kv Bus -1 at New Purnea S/s	4-Nov-20	10:00	4-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		BSEB	To be availed after Chhath Puja
73	400 KV Bus 1 at Motihari S/s	4-Nov-20	8:00	5-Nov-20	18:00	OCB	POWERGRID ER-I	HV Testing of the Extension Bus (By POWERGRID)to existing Bus (DMTCL)		BSEB	To be availed after Chhath Puja
74	400 KV Muzaffarpur- Darbhanga line-2	4-Nov-20	8:00	6-Nov-20	19:00	ODB	POWERGRID ER-I	Stringing of one span of 400 KV Muzaffarpur- Dhalkebar line.		NLDC	
75	400kv Koderma - Biharsarif-II	4-Nov-20	8:00	6-Nov-20	18:00	ODB	POWERGRID ER-I	For changing porcelain insulator by polymer insulator at road/rail/river/powerline crossings.		DVC	
76	A/R OF 400 KV KODERMA-BIHARSHARIF-I	4-Nov-20	8:00	6-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II		DVC	
77	220KV Dalkhola Gazole-2	4-Nov-20	09:00	4-Nov-20	17:00	ODB	POWERGRID, ER-II	FOR AMP		WB	
78	400KV Bus-2 at Malda	4-Nov-20	8:00	4-Nov-20	17:00	ODB	POWERGRID, ER-II	ERSS-XVII-B Constructional work (400KV TBC)		WB	Bus splitting at Dalkhola will be done,To be availed after Kali Puja
79	220 KV Maithon-Dhanbad I&II	4-Nov-20	8:00	5-Nov-20	18:00	ODB	POWERGRID, ER-II	PL Crossing during Re-conductoring work of Maithon - Right Bank # I Line			OCB S/D will be required. Line SD to be clubbed with Maithon ICT SD.

80	A/R of 400kV Purnea-Biharsharif line CKT-1	4-Nov-20	8:00	4-Nov-20	18:00	ODB	ENICL	A/R in Non Auto Mode for Helical installation & SD defect rectification.			May be allowed after accessing hydro generation.
81	400kV Purnea-Biharsharif line CKT-2	4-Nov-20	8:00	4-Nov-20	18:00	ODB	ENICL	Helical installation & SD defect rectification			May be allowed after accessing hydro generation.
82	Arambag- NewPPSP 400 KV Ckt 2	4-Nov-20	7:00	4-Nov-20	15:00	ODB	WB	Tree Trimming			
83	400 KV Main Bus-I at KTHP	4-Nov-20	8:00	4-Nov-20	17:00	ODB	WB	Testing of CVT			
84	400KV 125MVAR BUS REACTOR 1 at Angul	4-Nov-20	9:00	4-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP			
85	FSC Jeypore-Gazuwaka-I at Jeypore	4-Nov-20	9:00	7-Nov-20	17:00	OCB	ER-II/Odisha /Jeypore	For testing of FSC Equipments for refurbishment of FSC GAZ-I . Outage to be booked under construction head.		NLDC	
86	400 KV BUS # 1 at Rengali	4-Nov-20	9:00	4-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP & Isolator alignment work and interlock checking			
87	400 KV ROURKELA TALCHER 1 LINE	4-Nov-20	9:00	4-Nov-20	13:00	ODB	ER-II/ODISHA/ROURKELA	REPLACEMENT OF R PHASE CT IN LINE BAY			
88	400KV Sundargarh-Rourkela ckt-4 (429L) at Sundargarh	4-Nov-20	9:00	4-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP of Line equipment & 428 Tie Bay ,429 Main Bay GIS yearly AMP			
89	400kV MTPS-Maithon PG L#2	4-Nov-20	8:00	4-Nov-20	17:00	ODB	DVC	For maintenance of bay			
90	400kV RTPS-RANCHI PG L#2	4-Nov-20	8:30	4-Nov-20	17:00	ODB	DVC	Necessary Bay maintenance/ checking at RTPS End			
91	220kV Budhipadar-Korba ckt-II	4-Nov-20	7:00	4-Nov-20	17:30	ODB	OPTCL	Replacement of old 0/5class CVT by new 0/2 class CVT in the three phases of 220kV Budhipadar-Korba Ckt-II at Budhipadar End.	220kV Budhipadar-Korba ckt-III and 220kV Budhipadar-Raigarh PG will remain in	NLDC	GRIDCO to verify the nomenclature of line,Other 2 ckts should be avilable
92	400kV Meramundali-Bolangir PG	4-Nov-20	7:00	4-Nov-20	17:00	ODB	OPTCL	Alignment of line isolator and replacement of 89BB isolator(isolate after the main breaker) drop at Meramundali end		NLDC	Line may be made Angul-Bolangir during that time/LILO arrangement to be done at Angul. PG Odisha confirmed that it will take 1 to 1.5 hrs to make necessary protection setting changes.
93	400KV RANCHI-ROURKELA-1	5-Nov-20	9:00	5-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
94	A/R OF 400KV RANCHI-ROURKELA-2	5-Nov-20	9:00	5-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
95	400 KV KAHALGAON-BARH CKT 1	5-Nov-20	9:00	5-Nov-20	17:00	ODB	POWERGRID ER-I	Replacement of flashed over Insulator on loc. No. 196			
96	A/R OF 400 KV KAHALGAON-BARH CKT 2	5-Nov-20	9:00	5-Nov-20	17:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
97	220kV Bus -2 at New Purnea S/s	5-Nov-20	10:00	5-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		BSEB	To be availed after Chhath Puja
98	50 MVAR L/R-1 of 400 KV New PPSP-1 line	5-Nov-20	9:00	5-Nov-20	17:00	ODB	POWERGRID ER-I	10 mins S/D of 400 KV New PPSP-1 line is required at the time of isolation of L/R-1 and at the time of connection of			
99	400 KV NEW RANCHI PPSP-I Line	5-Nov-20	9:00	5-Nov-20	9:15	ODB	POWERGRID ER-I	To isolate the line reactor		WB	
100	400 KV NEW RANCHI PPSP-I Line	5-Nov-20	16:45	5-Nov-20	17:00	ODB	POWERGRID ER-I	To take line reactor in service		WB	
101	400 KV Gaya -Nabinagar D/C Transmission Line	5-Nov-20	9:00	8-Nov-20	18:00	ODB	POWERGRID ER-1	For comissioning and charging of LILO line at Chandauti Substation.			Detail work schedule required
102	220KV BUS-2 along with Bus Coupler at Birpara	5-Nov-20	8:00	5-Nov-20	17:30	ODB	POWERGRID, ER-II	Replacement of BUS-II to Isolator Jumper along with Connector in 220 KV BRP-CHP Feeder-II			
103	132 KV Rangpo-Chuzachen Line -1	5-Nov-20	9:00	5-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP Works		Chuzachen	
104	400 KV Bongaigaon Binaguri Line#1	5-Nov-20	9:00	5-Nov-20	16:00	ODB	POWERGRID, ER-II	Jack bus Jumper modification for bay upgradation ERSS-XX		NLDC	May be combined with Jigmelling stringing work.
105	800 KV HVDC Aluipurduar-Agra POLE-2	5-Nov-20	8:00	6-Nov-20	17:00	ODB	POWERGRID, ER-II	Rectification of S/D nature of activities in Altagram area (loc. 1288- 1294) which is unattended since			

106	400/220KV 315 MVA ICT-3 at Malda	5-Nov-20	8:00	4-Jan-21	17:00	OCB	POWERGRID, ER-II	ERSS-XVII-B replacement work		wb	SD will be allowed after revival of TBC and after Kali Puja. Detail work plan to be submitted by PG ER-II.
107	400KV BUS-1 at Malda	5-Nov-20	8:00	5-Nov-20	17:00	ODB	POWERGRID, ER-II	ERSS-XVII-B Constructional work (400KV TBC)		WB	To be availed after Kali Puja, Bus splitting at Dalkhola will be done
108	400 KV Bus-3 at Durgapur	5-Nov-20	9:00	5-Nov-20	17:00	ODB	POWERGRID, ER-II	Bus side Isolator alignment works and tightness of Bus.		DVC	
109	400kV Rajarhat-Jeerat line with 400KV Main Bus Bar-1 at Rajarhat	5-Nov-20	09:00:00	6-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity.		WB	All other lines at Rajarhat and Jeerat should be available
110	Arambag-BKTPP 400 KV Ckt	5-Nov-20	7:00	5-Nov-20	15:00	ODB	WB	Tree Trimming			
111	400 KV Main Bus-I at Bidhannagar	5-Nov-20	7:00	5-Nov-20	15:00	ODB	WB	Scissor replacement of MB I side pantograph isolator with trapezoidal hanger adj of pantograph iso. B-phase		DVC	220kV Waria-Bidhannagar-Dc shall be opened.
112	765/400KV,1500MVA ICT-4 at Sundargarh	5-Nov-20	8:00	5-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP of ICT-4 & 728 Main Bay after 1 year commissioning		NLDC	
113	400kV MTPS-Maithon PG L#2	5-Nov-20	8:00	5-Nov-20	17:00	ODB	DVC	For maintenance of bay			
114	Teesta 3 - Kishanganj Line	5-Nov-20	9:00	7-Nov-20	17:00	ODB	TEESTA-3	for annual Maintenance of Teesta-III Pot Head Yard	During this shut down period, Teesta-III power generation will be zero.		can be allowed before 400kV Rangpo-Binaguri-DC shutdown
115	A/R OF 400kV Chaibasa-Jamshedpur -2	6-Nov-20	9:30	6-Nov-20	17:30	ODB	POWERGRID ER1	TO FACILITATE S/D OF alternate circuit on same tower			
116	400kV Chaibasa-Rourkela -2	6-Nov-20	9:30	6-Nov-20	17:30	ODB	POWERGRID ER1	Flashed Insulator replacement work at Loc. No. 45			
117	400KV RANCHI-ROURKELA-2	6-Nov-20	9:00	6-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
118	A/R OF 400KV RANCHI-ROURKELA-1	6-Nov-20	9:00	6-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
119	400 KV KAHALGAON-BARH CKT 2	6-Nov-20	9:00	6-Nov-20	17:00	ODB	POWERGRID ER-I	Replacement of flashed over Insulator at loc. 205			
120	A/R OF 400 KV KAHALGAON-BARH CKT 1	6-Nov-20	9:00	6-Nov-20	17:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
121	50 MVAR L/R-2 of 400 KV New PPSP-2 line	6-Nov-20	9:00	6-Nov-20	17:00	ODB	POWERGRID ER-I	10 mins S/D of 400 KV New PPSP-2 line is required at the time of isolation of L/R-2 and at the time of connection of L/R-2.			
122	400 KV NEW RANCHI PPSP-II Line	6-Nov-20	9:00	6-Nov-20	9:15	ODB	POWERGRID ER-I	To isolate the line reactor		WB	
123	401 KV NEW RANCHI PPSP-II Line	6-Nov-20	16:45	6-Nov-20	17:00	ODB	POWERGRID ER-I	To take line reactor in service		WB	
124	400 KV Bus 2 at Motihari S/s	6-Nov-20	8:00	7-Nov-20	18:00	OCB	POWERGRID ER-I	HV Testing of the Extension Bus (By POWERGRID)to existing Bus (DMTCL)		BSEB	To be availed after Chhath Puja

125	A/R OF Maithon Ranchi Line	6-Nov-20	9:00	9-Nov-20	17:00	ODB	POWERGRID ER-I	Rectification of OPGW sag from top conductor			
126	132kv Silguri-Melli line	6-Nov-20	9:00	6-Nov-20	17:00	ODB	POWERGRID, ER-II	Replacement of porcelain insulator between 86-87 no.location		SIKKIM	
127	220KV Rangpo -New Melli	6-Nov-20	9:00	6-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP Works			
128	220KV Dalkhola(POWERGRID)-Dalkhola-1(WBSETCL)	6-Nov-20	09:00	6-Nov-20	17:00	ODB	POWERGRID, ER-II	FOR AMP		WB	
129	220/132 KV 160 MVA ICT-4 at Malda	6-Nov-20	9:00	6-Nov-20	17:00	ODB	POWERGRID, ER-II	220KV Side BCU upgradation and balance signal configuration in BCU and validation		WB	
130	400KV Tie Bidhannagar-2 & BUS REACTOR-1 & 2 at Durgapur	6-Nov-20	9:00	6-Nov-20	17:30	ODB	POWERGRID, ER-II	AMP works			
131	Arambag- NewPPSP 400 KV Ckt 1	6-Nov-20	7:00	6-Nov-20	15:00	ODB	WB	Tree Trimming			
132	400 KV Main Bus-I at Bidhannagar	6-Nov-20	7:00	6-Nov-20	15:00	ODB	WB	MB I side isolator adjustment work (B-phase)		DVC	220kV Waria-Bidhannagar-Dc shall be opened.
133	400 KV ROURKELA-CHAIBASA # 2 LINE	6-Nov-20	9:00	6-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	FOR DISMANTALING OF REACTOR BUSHINGS (SHUTDOWN BEING AVAILED AS CLEARANCE IS LESS)			
134	765/400KV,1500MVA ICT-3 at Sundargarh	6-Nov-20	8:00	6-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP of ICT-3 & 725 Main Bay after 1 year commissioning		NLDC	
135	400kv MTPS-Maithon PG L#3	6-Nov-20	8:00	6-Nov-20	17:00	ODB	DVC	For maintenance of bay			
136	400kv Meramundali-Lapanga ckt-II	6-Nov-20	7:00	6-Nov-20	17:00	ODB	OPTCL	Alignment of 89-1A isolator and replacement of drop and repair of line side high bus conductor at Meramundali end.	400kv Meramundali-Lapanga ckt-I will remain in service		
137	330 MVAR SWITCHABLE LINE REACTOR AT SASARAM-FATEHPUR	7-Nov-20	9:00	7-Nov-20	18:00	ODB	POWERGRID ER-I	AMP work of 330MVAR Line Reactor		NLDC	Shall be clubed with bus shutdown
138	400KV RANCHI-ROURKELA-1	7-Nov-20	9:00	7-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
139	A/R OF 400KV RANCHI-ROURKELA-2	7-Nov-20	9:00	7-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
140	400 kV Bus -1 at New Purnea S/s	7-Nov-20	10:00	7-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.			
141	400kv Sasaram line 1 at Biharsharif	7-Nov-20	10:00	7-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of flashed insulator			
142	A/R of Biharsharif Sasaram CKT-II	7-Nov-20	10:00	7-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of flashed insulator			
143	400kv Koderma - Bokaro-I	7-Nov-20	8:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	For changing porcelain insulator by polymer insulator at road/rail/river/powerline crossings.		DVC	
144	A/R OF 400 KV KODERMA-BOKARO-II	7-Nov-20	8:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I		DVC	
145	132 kV Rangit-Rangpo Line	7-Nov-20	9:00	7-Nov-20	17:00	ODB	POWERGRID, ER-II	Replacement of porcelain insulator of 52-54 no.location		SIKKIM	
146	132KV BUS sectionalizer -1 at Rangpo	7-Nov-20	9:00	7-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP Works			
147	315MVA ICT#3 at Subhasgram	7-Nov-20	7:00	7-Nov-20	17:00	ODB	POWERGRID, ER-II	Bay Upgradation Work Under ERSS-XVIII - Differential & REF Stability Test w.r.t to new Tie CT (408 CT) & Scheme	315 MVA ICT#3 will be under Shutdown.	WB	
148	Arambag-New Chanditola 400 KV Ckt	7-Nov-20	7:00	7-Nov-20	15:00	ODB	WB	Tree Trimming			
149	400KV 125 MVAR BUS REACTOR 3 at Angul	7-Nov-20	9:00	7-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP			

150	400kV MTPS-Jamshedpur PG Ckt	7-Nov-20	8:00	7-Nov-20	17:00	ODB	DVC	For maintenance of bay			
151	400KV RANCHI-ROURKELA-2	8-Nov-20	9:00	8-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
152	A/R OF 400KV RANCHI-ROURKELA-1	8-Nov-20	9:00	8-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
153	315MVA ICT#4 at Subhasgram	8-Nov-20	7:00	8-Nov-20	17:00	ODB	POWERGRID, ER-II	Bay Upgradation Work Under ERSS-XVIII - Differential & REF Stability Test w.r.t to new Tie CT (410 CT) & Scheme	315 MVA ICT#4 will be under Shutdown.	WB	
154	FSC Jeypore-Gazuwaka-II at Jeypore	8-Nov-20	9:00	11-Nov-20	17:00	OCB	ER-II/Odisha /Jeypore	For testing of FSC Equipments for refurbishment of FSC GAZ-II . Outage to be booked under construction head.		NLDC	
155	765KV Sundargarh-Angul Ckt #2	8-Nov-20	08:00	13-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	Delta A type tower strenthening and TL Maint work		NLDC	
156	400KV RANCHI-ROURKELA-1	9-Nov-20	9:00	9-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
157	A/R OF 400KV RANCHI-ROURKELA-2	9-Nov-20	9:00	9-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
158	400KV BARH-PATNA CKT1	9-Nov-20	9:00	9-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene			
159	A/R OF 400KV BARH-PATNA CKT2	9-Nov-20	9:00	9-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
160	132 KV Bus 1 at Motihari S/s	9-Nov-20	8:00	10-Nov-20	18:00	OCB	POWERGRID ER-I	HV Testing of the Extension Bus (By POWERGRID)to existing Bus (DMTCL)		BSEB	To be availed after Chhath Puja
161	A/R OF New Ranchi Dharamjaygarh Ckt-I	9-Nov-20	8:00	13-Nov-20	17:00	ODB	POWERGRID ER-I	To faciliate shutdown of New Ranchi Dharamjaygarh Ckt-II		NLDC	
162	220 KV Alipurduar - Birpara-1	9-Nov-20	6:00	10-Nov-20	18:00	ODB	POWERGRID, ER-II	Insulator replacement at road crossing			
163	220KV Siliguri Kisanganj-1	9-Nov-20	10:00	9-Nov-20	18:00	ODB	POWERGRID, ER-II	Relay retrofitting work			
164	400KV Binaguri-New Purnea-1	9-Nov-20	09:00	9-Nov-20	17:00	ODB	POWERGRID, ER-II	Insulator Replacement & CC Ring Installation at river crossing (Loc 43)			
165	400KV Bus#2 at Binaguri	9-Nov-20	9:00	9-Nov-20	17:00	ODB	POWERGRID, ER-II	Upgradation of 412 Bay, Bus isolator jumper removal for Bus isolator replacement & Bus CVT replacement			
166	400KV Binaguri-New Purnea-1	9-Nov-20	8:00	24-Nov-20	17:00	OCB	POWERGRID, ER-II	On continuous basis for NH crossing work between loc. 40-41			Shutdown may be allowed provided detailed ERS plan is shared and system study and stability of ERS is ascertained.
167	400KV Binaguri-New Purnea-2	9-Nov-20	8:00	24-Nov-20	17:00	OCB	POWERGRID, ER-II	On continuous basis for NH crossing work between loc. 40-41			Shutdown may be allowed provided detailed ERS plan is shared and system study and stability of ERS is ascertained.
168	400kV Rajarhat-Farraka circuit with 400KV Main Bus Bar-1 and 80Mvar Line Reactor-1 at Rajarhat	9-Nov-20	09:00:00	10-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity.		WB	
169	125 MVAR Bus Reactor at Subhasgram	9-Nov-20	9:00	18-Nov-20	17:00	OCB	POWERGRID, ER-II	Dismantalling of LA & BPI and then installation and commissioing of LA in place of BPI and BPI in plcae of LA with modification in foundation due to electrical clearance issue w.r.t Fire Wall.	125 MVAR Bus Reactor will be under Shutdown on continuous basis.	WB	Should be completed before 15th Nov 2020
170	400 KV S/C New Chanditala - Durgapur TL (WBSETCL)	9-Nov-20	8:00	10-Nov-20	17:00	ODB	POWERGRID, ER-II	Stringing b/w AP 33/0 to 34/0 of 765 KV D/C Medinipur-Jeerat TL Over existing 400 KV S/C New Chanditala - Durgapur TL		WB	
171	315 MVA ICT-1 at Arambagh	9-Nov-20	7:00	9-Nov-20	15:00	ODB	WB	Routine maintenance			
172	765KV ICT 4 at Angul	9-Nov-20	9:00	9-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP			
173	ICT 3 Transformer at Biharsharif	10-Nov-20	10:00	10-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		BSEB	To be availed after Chhath Puja
174	400KV RANCHI-ROURKELA-2	10-Nov-20	9:00	10-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
175	A/R OF 400KV RANCHI-ROURKELA-1	10-Nov-20	9:00	10-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
176	400KV BARH-PATNA CKT 2	10-Nov-20	9:00	10-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene			

177	A/R OF 400KV BARH-PATNA CKT1	10-Nov-20	9:00	10-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
178	765/400 KV, 3 X 500 MVA ICT-2 AT NEW RANCHI	10-Nov-20	9:00	11-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		NLDC	
179	400 KV Maithon -Gaya Ckt 2	10-Nov-20	9:00	15-Nov-20	18:00	OCB	POWERGRID ER-1	Reconductoring of Middle R phase twin conductor (837 mtr span) between Tower no 40 1nd 41 Multi Ckt Tower			Detail diagram required
180	400 KV Gaya-Koderma Ckt-1	10-Nov-20	9:00	15-Nov-20	18:00	ODB	POWERGRID ER-1	To faciliate shutdown of Maithon Gaya Ckt-II due to induction as the said location is in multictk tower			
181	A/R of 400 KV GAYA MAITHON CKT-I	10-Nov-20	9:00	15-Nov-20	18:00	ODB	POWERGRID ER-1	To faciliate shutdown of alternate circuit on same tower			
182	A/R of 400 KV GAYA KODERMA CKT-II	10-Nov-20	9:00	15-Nov-20	18:00	ODB	POWERGRID ER-1	To faciliate shutdown of alternate circuit on same tower			
183	125MVAR Bus Reactor- 2 at Alipurduar	10-Nov-20	8:00	10-Nov-20	18:00	ODB	POWERGRID, ER-II	AMP Work			
184	132KV Rangpo-Gangtok line-2	10-Nov-20	9:00	10-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP& Line maintenance Works		SIKKIM	
185	132/66KV 50MVA ICT-1 at Gangtok	10-Nov-20	9:00	10-Nov-20	15:00	ODB	POWERGRID, ER-II	Relay retrofitting work		SIKKIM	
186	220KV Dalkhola-Kishanganj-2	10-Nov-20	09:00	10-Nov-20	17:00	ODB	POWERGRID, ER-II	FOR AMP WORK			
187	400KV Binaguri-New Purnea-2	10-Nov-20	09:00	10-Nov-20	17:00	ODB	POWERGRID, ER-II	Insulator Replacement & CC Ring Installation at river crossing (Loc 43)			
188	315 MVA ICT#1 at Binaguri	10-Nov-20	9:00	10-Nov-20	15:00	ODB	POWERGRID, ER-II	AMP works			
189	400 kV FARAKKA GOKARNA line	10-Nov-20	9:00	10-Nov-20	17:00	ODB	POWERGRID, ER-II	Rectification of shut down nature defects in various locations in Transmission line.		WB	Reason not clear, Rajarhat Gokarno Should be available
190	400 KV Bus-4 at Durgapur	10-Nov-20	9:00	10-Nov-20	17:00	ODB	POWERGRID, ER-II	Bus side Isolator alignment works and tightness of Bus.		DVC	
191	400KV Maithon - Mejia 3	10-Nov-20	9:00	10-Nov-20	17:00	ODB	POWERGRID, ER-II	Broken Insulator Replacement damaged by miscreants		DVC	
192	400KV Maithon-Jamshedpur	10-Nov-20	7:00	20-Nov-20	18:00	ODB	POWERGRID, ER-II	For OPGW installation Work alongwith replacement of old earthwire under TBCB project			
193	A/R in non-auto mode in 400KV Andal-Jamshedpur-II	10-Nov-20	7:00	20-Nov-20	18:00	ODB	POWERGRID, ER-II	For OPGW installation Work under TBCB project		DVC	
194	315 MVA ICT-2 at Arambagh	10-Nov-20	7:00	10-Nov-20	15:00	ODB	WB	Routine maintenance			
195	315 MVA IBT-1 at KTPP	10-Nov-20	8:00	10-Nov-20	17:00	ODB	WB	Testing of Transf & CT			
196	400kv RTPS-RANCHI PG L#3	10-Nov-20	8:30	10-Nov-20	17:00	ODB	DVC	Necessary Bay maintenance/ checking at RTPS End			
197	220 kV ARA KHAGAIL CKT-I	11-Nov-20	9:30	11-Nov-20	17:30	ODB	POWERGRID ER1	Tightening of jumpers and line maintenance work		BSEB	To be availed after Chhath Puja
198	A/R of 220 KV ARA KHAGAIL CKT-II	11-Nov-20	9:30	11-Nov-20	17:30	ODB	POWERGRID ER1	TO FACILITATE S/D OF alternate circuit on same tower			
199	400KV RANCHI-ROURKELA-1	11-Nov-20	9:00	11-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
200	A/R OF 400KV RANCHI-ROURKELA-2	11-Nov-20	9:00	11-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
201	400KV BARH-PATNA CKT1	11-Nov-20	9:00	11-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene			
202	A/R OF 400KV BARH-PATNA CKT2	11-Nov-20	9:00	11-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
203	132 KV Bus 2 at Motihari S/s	11-Nov-20	8:00	12-Nov-20	18:00	OCB	POWERGRID ER-I	HV Testing of the Extension Bus (By POWERGRID)to existing Bus (DMTCL)		BSEB	To be availed after Chhath Puja
204	400 KV PATNA KISHENGANJ D/C	11-Nov-20	9:00	20-Nov-20	17:00	OCB	POWERGRID, ER-I	Restoration of line from ERS arrangement to permanent tower in Ganga river			Alredy Availed
205	220 KV D/C Darbhanga-Muzaffarpur Tr. Line	11-Nov-20	8:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	Power line crossing of 400 kV Sitamarhi Darbhanga D/C under TBCB			
206	400kv Biharsharif Lakhisarai ckt 1	11-Nov-20	10:00	11-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of flashed insulator			
207	A/R of 400KV Biharsharif Lakhisarai ckt 2	11-Nov-20	10:00	11-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			

208	220KV Siliguri Binaguri-2	11-Nov-20	10:00	11-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP work			
209	220KV Dalkhola New Purnea-2	11-Nov-20	09:00	11-Nov-20	17:00	ODB	POWERGRID, ER-II	FOR AMP WORK			
210	400KV Binaguri-New Purnea-1	11-Nov-20	09:00	11-Nov-20	17:00	ODB	POWERGRID, ER-II	Insulator Replacement & CC Ring Installation at river crossing (Loc 46)			
211	125MVAR BUS REACTOR AT BERHAMPORE	11-Nov-20	9:00	12-Nov-20	17:00	ODB	POWERGRID, ER-II	Balance constructional Rectification			
212	400/220KV 500MVA ICT-2 at Rajarhat	11-Nov-20	09:00:00	11-Nov-20	17:00:00	ODB	POWERGRID, ER-II	BI/BO card intergration with existing BCU for cooler control signal i.e Construction pending point under construction activity.	WB		
213	315 MVA ICT-3 at Arambagh	11-Nov-20	7:00	11-Nov-20	15:00	ODB	WB	Routine maintenance			
214	315 MVA IBT-1 at KTHP	11-Nov-20	8:00	11-Nov-20	17:00	ODB	WB	Testing of Transf & CT			
215	125 MVAR B/R-II at Keonjhar	11-Nov-20	9:00	11-Nov-20	17:00	ODB	Keonjhar	AMP WORKS (FY 2020-21)			
216	400kV RTPS-RANCHI PG L#3	11-Nov-20	8:30	11-Nov-20	17:00	ODB	DVC	Necessary Bay maintenance/ checking at RTPS End			
217	400kV Meramundali-Kaniha ckt-I	11-Nov-20	7:00	11-Nov-20	17:00	ODB	OPTCL	replacement of damaged clamp or line insulator, checking of tightness of all clamps and replacement of tie isolator at Meramundali.	400kV Meramundali-Kaniha ckt-II will remain in service		SRPC Approval needed for toggling SPS, SPS 450 MAY BE TOGGLED
218	220 kV ARA KHAGAU CT-II	12-Nov-20	9:30	12-Nov-20	17:30	ODB	POWERGRID ER1	Tightening of jumpers and line maintenance work		BSEB	To be availed after Chhath Puja
219	A/R of 220 KV ARA KHAGAU CT-I	12-Nov-20	9:30	12-Nov-20	17:30	ODB	POWERGRID ER1	TO FACILITATE S/D OF alternate circuit on same tower			
220	132KV MAIN BUS AT BANKA	12-Nov-20	10:00	12-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		BSEB	To be availed after Chhath Puja
221	400 KV East Bus-2 at Pusauli	12-Nov-20	9:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		NLDC	
222	132 KV KUDRA-DEHRI	12-Nov-20	9:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	Relay Retrofitting at Dehri End		BSEB	To be availed after Chhath Puja
223	315 MVA ICT -III at Lakhisarai	12-Nov-20	9:30	12-Nov-20	12:00	ODB	POWERGRID ER-I	Final commissioning of AVR panel under ERSS-XX		BSEB	To be availed after Chhath Puja
224	200 MVA ICT -I at Lakhisarai	12-Nov-20	12:00	12-Nov-20	15:00	ODB	POWERGRID ER-I	commissioning of AVR panel under ERSS-XX		BSEB	To be availed after Chhath Puja
225	200 MVA ICT -II at Lakhisarai	12-Nov-20	15:00	12-Nov-20	17:30	ODB	POWERGRID ER-I	commissioning of AVR panel under ERSS-XX		BSEB	To be availed after Chhath Puja
226	400KV RANCHI-ROURKELA-2	12-Nov-20	9:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT ALL MAJOR CROSSINGS			
227	A/R OF 400KV RANCHI-ROURKELA-1	12-Nov-20	9:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
228	400KV BARH-PATNA CKT 2	12-Nov-20	9:00	12-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene			
229	A/R OF 400KV BARH-PATNA CKT1	12-Nov-20	9:00	12-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
230	400kV Biharsharif Lakhisarai ckt 2	12-Nov-20	10:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of flashed insulator			
231	A/R of 400kV Biharsharif Lakhisarai ckt 1	12-Nov-20	10:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
232	220 KV Alipurduar - Birpara-2	12-Nov-20	6:00	13-Nov-20	18:00	ODB	POWERGRID, ER-II	Insulator replacement at road crossing			
233	132 KV Bus Coupler at Birpara	12-Nov-20	8:00	12-Nov-20	17:30	ODB	POWERGRID, ER-II	Carrying Out CB & CT AMP work along with Relay Testing work			
234	132KV Rangpo-Chuzachen line-2	12-Nov-20	9:00	12-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP WORK		Chuzachen	
235	132/66KV 50MVA ICT-2 at Gangtok	12-Nov-20	9:00	12-Nov-20	15:00	ODB	POWERGRID, ER-II	Relay retrofitting work		SIKKIM	
236	400KV Binaguri-New Purnea-2	12-Nov-20	09:00	12-Nov-20	17:00	ODB	POWERGRID, ER-II	Insulator Replacement & CC Ring Installation at river crossing (Loc 46)			
237	315 MVA ICT#2 at Binaguri	12-Nov-20	8:00	12-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP works and 336 KV LA replacement			
238	400kV Rajarhat-Goakarna circuit with 400KV Main Bus Bar-1 and 80Mvar Line Reactor-2 at Rajarhat	12-Nov-20	09:00:00	13-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity.	WB		

239	Tapping point of 400 KV D/C MID-KGP-CHANDITALA LILO LINE-(TL-56/0 &55/0)-*****	12-Nov-20	8:00	19-Nov-20	17:30	OCB	POWERGRID, ER-II	LILO Line tapping of 400KV Medinipur - Kharagpur & Medinipur Chanditala (Powergrid Line to WBSETCL line) Trans. Line	Tapping of LILO line from Medinipur 765/400KV S/S to 400KV Kharagpur - New Chanditala WBSETCL Trans.	WB	Detail sketch of LILO work to be submitted
240	315 MVA ICT-4 at Arambagh	12-Nov-20	7:00	12-Nov-20	15:00	ODB	WB	Routine maintenance			
241	315 MVA IBT-1 at KTHP	12-Nov-20	8:00	12-Nov-20	17:00	ODB	WB	Testing of Transf & CT			
242	L/R (3*80MVAR) of 765KV SUNDARGARH CKT 2 at Angul	12-Nov-20	9:00	12-Nov-20	13:00	ODB	ER-II/Odisha/Angul SS	Taking Spare Reactor in place of R-Ph (Spare rotation)			
243	125 MVAR Bus Reactor at Bolangir	12-Nov-20	9:00	12-Nov-20	17:00	ODB	ER-II/Odisha/Bolangir	AMP for 125MVAR Bus Reactor			
244	400 KV ROURKELA-CHAI BASA # 2 LINE	12-Nov-20	9:00	12-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	FOR ERECTION OF REACTOR BUSHINGS (SHUTDOWN BEING AVAILABLE AS CLEARANCE IS LESS)			
245	400 kV 125MVAR Bus Reactor-I at Sundargarh	12-Nov-20	9:00	12-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP works			
246	125 MVAR Bus Reactor#1 at Maithon	13-Nov-20	9:00	15-Nov-20	17:00	OCB	POWERGRID, ER-II	Leakage Arresting work of BR#1			
247	132 KV MOHANIYA-Karmanasa	13-Nov-20	9:00	13-Nov-20	18:00	ODB	POWERGRID ER-I	Relay Retrofitting at Karmanasa End		BSEB	To be availed after Chhath Puja
248	400kV Koderma - Bokaro-II	13-Nov-20	8:00	18-Nov-20	18:00	ODB	POWERGRID ER-I	For changing porcelain insulator by polymer insulator at road/rail/river/powerline crossings.		DVC	PG ER-I to submit work progress report and scheme in which replacement of insulator has been approved.
249	A/R OF 400 KV KODERMA-BOKARO-I	13-Nov-20	8:00	18-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II		DVC	
250	400KV Rangpo- Teesta-V-1	13-Nov-20	9:00	13-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP & line Works		TEESTA-V	May be allowed when only two unit available at Teesta-V. Any other shutdown related to the line may be clubbed
251	400/220kV 315 MVA ICT-3 at Rangpo	13-Nov-20	8:00	18-Nov-20	17:00	OCB	POWERGRID, ER-II	For rectification of SF6 gas leakage repair work,			
252	400KV BINAGURI-Kishanganj-1	13-Nov-20	9:00	13-Nov-20	17:00	ODB	POWERGRID, ER-II	Replacement and retrofitting of distance relay (Distance and Auto reclosure)			
253	220KV Bus-2 at Malda	13-Nov-20	8:00	13-Nov-20	17:00	ODB	POWERGRID, ER-II	ERSS-XVII-B Constructional work (ICT-III Jumper removal)		WB	
254	400KV BOLANGIR_MERAMUNDALI LINE 1 LILO CKT	13-Nov-20	9:00	13-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP			Element Not clear
255	315 MVA ICT II at Baripada	13-Nov-20	9:00	13-Nov-20	17:00	ODB	ER-II/Odisha/BARIPADA S/S	AMP works		Gridco	
256	400 KV, 315 MVA ICT # 1 at Rengali	13-Nov-20	9:00	13-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP & Isolator alignment work and interlock checking			
257	400kV 125MVAR Bus Reactor-II at Sundargarh	13-Nov-20	9:00	13-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP works			
258	315 MVA ICT2 at Bihar Sharif SS	14-Nov-20	10:00	18-Nov-20	18:00	OCB	POWERGRID ER-I	03 numbers 400 kV Bushing and 01 no. 220 KV bushing replacement		BSEB	To be availed after Chhath Puja
259	400 kV Bus 3 at Bihar Sharif	14-Nov-20	10:00	14-Nov-20	18:00	ODB	POWERGRID ER-I	Checking of Bus Interlocking scheme under construction head		BSEB	PG ER-I to submit details of work to be done and scheme, To be availed after Chhath Puja
260	400KV BINAGURI-Kishanganj-2	14-Nov-20	9:00	14-Nov-20	17:00	ODB	POWERGRID, ER-II	Replacement and retrofitting of distance relay (Distance and Auto reclosure)			
261	400KV Bus-2 at Malda	14-Nov-20	8:00	14-Nov-20	17:00	ODB	POWERGRID, ER-II	ERSS-XVII-B Constructional work (ICT-III Jumper removal)		WB	Bus splitting at Dalkhola will be done
262	400 KV ROURKELA-CHAI BASA # 2 LINE	14-Nov-20	10:30	14-Nov-20	13:00	ODB	ER-II/ODISHA/ROURKELA	FOR TAKING THE LINE REACTOR IN SERVICE AFTER GASKET REPLACEMENT & OVERHAULING WORKS TO ARREST OIL LEAKAGES			
263	132 kV Main Bus at Ara	15-Nov-20	9:00	15-Nov-20	17:30	ODB	POWERGRID ER1	For Annual Maintenance work.		BSEB	To be availed after Chhath Puja
264	400 KV Farakka-Berhampore-1	15-Nov-20	9:00	15-Nov-20	17:00	ODB	POWERGRID, ER-II	Transmission line maintenance activity			
265	400KV Maithon-Durgapur-1 Line	15-Nov-20	9:30	15-Nov-20	17:00	ODB	POWERGRID, ER-II	Reconnection of Jumpers of Durgapur-1 Main Bay (401) for Bay upgradation work Under ERSS-XVII			

266	400KV Maithon - Durgapur #1 Line	15-Nov-20	9:00	17-Nov-20	17:00	ODB	POWERGRID, ER-II	Insulator Replacement work at major crossings			
267	132 KV Rajgir-Barhi S/C T/L	15-Nov-20	9:00	15-Nov-20	17:00	ODB	BSPTCL	For reconductoring work	Rajgir will avail power from BSF	DVC	
268	133 KV Nalanda-Barhi S/C T/L	15-Nov-20	9:00	15-Nov-20	17:00	ODB	BSPTCL	For reconductoring work	Nalanda will avail power from BSF	DVC	
269	220 KV Gaya(PG)-Khizersarai ckt 1	15-Nov-20	9:00	15-Nov-20	17:00	ODB	BSPTCL	For PLCC related work	Khizersarai GIS will avail power from BSF and		
270	220 KV DMTCL(Darbhang)-Motipur ckt 1	15-Nov-20	9:00	15-Nov-20	17:00	ODB	BSPTCL	For stringing work of 220 KV Sitamarhi(New)-Motipur D/C T/L	Motipur GSS will avail power from MTPS		
271	220 KV DMTCL(Darbhang)-Motipur ckt 2	15-Nov-20	9:00	15-Nov-20	17:00	ODB	BSPTCL	For stringing work of 220 KV Sitamarhi(New)-Motipur D/C T/L	Motipur GSS will avail power from MTPS		
272	220 kV Bus 1 at Pusauli	16-Nov-20	9:00	16-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		BSEB	To be availed after Chhath Puja
273	400KV BARH-PATNA CKT1	16-Nov-20	9:00	16-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene			
274	A/R OF 400KV BARH-PATNA CKT2	16-Nov-20	9:00	16-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
275	400 KV Patna-Ballia CKT-IV	16-Nov-20	08:00	16-Nov-20	17:00	ODB	POWERGRID ER-I	Replacement of flashover insulator at loc no 388		NLDC	
276	A/R OF 400 KV Patna-Ballia CKT-III	16-Nov-20	08:00	16-Nov-20	17:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV PATNA - BALIA-IV		NLDC	
277	132 KV S/C Darbhanga- Samastipur	16-Nov-20	8:00	17-Nov-20	18:00	ODB	POWERGRID ER-I	Power line crossing of 400 kV Sitamarhi Darbhanga D/C under TBCB		BSEB	To be availed after Chhath Puja
278	400KV Buscoupler at Rangpo	16-Nov-20	9:00	16-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP Works			
279	220 KV Birpara Binaguri-1	16-Nov-20	9:00	16-Nov-20	17:00	ODB	POWERGRID, ER-II	Replacement of VD & Jumper, maintaining Proper alignmet of Dislocated VD & CC ring etc			
280	400 KV Binaguri-Tala-3	16-Nov-20	9:00	19-Nov-20	17:00	ODB	POWERGRID, ER-II	Porcelain insulator replacement work in Major crossing		NLDC	
281	400 KV Farakka-Berhampore-2	16-Nov-20	9:00	16-Nov-20	17:00	ODB	POWERGRID, ER-II	Transmission line maintenance activity			
282	400KV Rengali-Indrawati S/c Line	16-Nov-20	9:00	25-Nov-20	17:00	OCB	ER-II/Odisha/Balangir	Dismantling of 3 nos. existing towers, installation of 4 nos. New towers under existing line and stringing of 5 nos. span for line diversion work due to construction of For opening of Isolator(40389R) & Jumper of 50MVAR LR			ER-SR TTC Revision
283	400KV Indravati-Rengali S/C Line	16-Nov-20	9:00	16-Nov-20	17:00	ODB	ER-II/Odisha/Indravati	to replace R-PH Bushing of 50MVAR LR, since LR is non switchable one			ER-SR TTC Revision
284	50MVAR Line Reactor at Indravati	16-Nov-20	9:00	19-Nov-20	17:00	OCB	ER-II/Odisha/Indravati	For Replacement of R-ph Bushing of 50MVAR LR, Leakage arresting, Filtration of oil, Settlement of oil & Testing.			Can be allowed before 15th Nov
285	400/220KV ICT#2 at Indravati	16-Nov-20	8:00	16-Nov-20	17:00	ODB	ER-II/Odisha/Indravati	AMP works of ICT#2. Checking of the Aircell of conservator Tank. During this shutdown Power flow from ICT#2 will be Interrupted		Gridco	AFTER RETURN OF ICT-1
286	ICT-I (3x 105 MVA) at Jeypore	16-Nov-20	10:00	16-Nov-20	11:00	ODB	ER-II/Odisha /Jeypore	For changing ICT-I combination form Unit-I,II, III to Unit-I , III & IV for charging Unit-IV		NLDC/GRIDCO	ER-SR TTC Revision
287	315 MVA ICT#1 at Rourkela	16-Nov-20	9:00	30-Nov-20	17:00	OCB	ER-II/ODISHA/ROURKELA	Erection works related to Parallelling of ICTs		Gridco	
288	A/R OF 400KV Sundargarh-Raigarh Ckt #2&4	16-Nov-20	08:00	30-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	For PID Testing of Porcelain Insulator. Only Auto reclose		NLDC	
289	220 KV Gaya(PG)-Khizersarai ckt 2	16-Nov-20	9:00	16-Nov-20	17:00	ODB	BSPTCL	For PLCC related work	Khizersarai GIS will avail power from BSF and Bodheava		
290	765 KV BUS-1 at Pusauli	17-Nov-20	9:00	17-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		NLDC	Shutdown of all the elements whose DIA is incomplete shall be clubed with this shutdown.
291	400KV BARH-PATNA CKT 2	17-Nov-20	9:00	17-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene			
292	A/R OF 400KV BARH-PATNA CKT1	17-Nov-20	9:00	17-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
293	400 KV Patna-Ballia CKT-II	17-Nov-20	8:00	17-Nov-20	17:00	ODB	POWERGRID ER-I	Replacement of flashover insulator at loc no 319		NLDC	
294	A/R OF 400 KV Patna-Ballia CKT-I	17-Nov-20	8:00	17-Nov-20	17:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV PATNA - BALIA-II		NLDC	
295	400 KV Patna-Ballia CKT-III	17-Nov-20	08:00	17-Nov-20	17:00	ODB	POWERGRID ER-I	To faciliate flashed insulator replacement at loc 303		NLDC	
296	A/R OF 400 KV Patna-Ballia CKT-IV	17-Nov-20	08:00	17-Nov-20	17:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV PATNA - BALIA-III		NLDC	
297	66 KV Gangtok-Lagyap	17-Nov-20	9:00	17-Nov-20	18:00	ODB	POWERGRID, ER-II	Relay retrofitting work		SIKKIM	

298	220KV Bus-1 at Malda	17-Nov-20	8:00	17-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP Work		WB	
299	400KV FARAKKA -DURGAPUR-1	17-Nov-20	9:00	19-Nov-20	17:00	ODB	POWERGRID, ER-II	Replacement of broken glass insulator at many locations, broken by miscreants.			
300	400KV Bus #3 at Maithon	17-Nov-20	9:30	17-Nov-20	17:00	ODB	POWERGRID, ER-II	Reconnection of Jumpers of Durgapur-1 Main Bay (401) for Bay upgradation work Under ERSS-XVII		DVC	
301	400KV 125Mvar Bus Reactor-1 at Rajrahat	17-Nov-20	09:00:00	18-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity.			SD to be availed within first week of Nov.
302	220 KV D/C Arambag - Damjur TL (WBSETCL)	17-Nov-20	8:00	19-Nov-20	17:00	ODB	POWERGRID, ER-II	Stringing b/w AP 35/0 to 36/0 of 765 KV D/C Medinipur-Jeerat TL Over existing 220 KV D/C Arambag - Damjur TL		WB	
303	220 KV S/C Arambag - Rishra TL (WBSETCL)	17-Nov-20	8:00	19-Nov-20	17:00	ODB	POWERGRID, ER-II	Stringing b/w AP 36/0 to 37/0 of 765 KV D/C Medinipur-Jeerat TL Over existing 220 KV S/C Arambag - Rishra TL		WB	
304	315 MVA ICT-2 at Jeypore	17-Nov-20	8:00	26-Nov-20	17:00	ODB	ER-II/Odisha /Jeypore	For 220kV LA Foundation and shifting work, 220kV Cable termination and Transformer Bushing erection of New		NLDC/GRIDCO	ER-SR TTC Revision
305	400 KV Rourkela-Sundargarh Ckt #2	17-Nov-20	08:00	17-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	TL Maint work			
306	400KV BARH-PATNA CKT1	18-Nov-20	9:00	18-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene			
307	A/R OF 400KV BARH-PATNA CKT2	18-Nov-20	9:00	18-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
308	220 KV Birpara Binaguri-2	18-Nov-20	9:00	18-Nov-20	17:00	ODB	POWERGRID, ER-II	Replacement of VD & Jumper, maintaining Proper alignment of Dislocated VD & CC ring etc			
309	220KV Transfer Bus at Malda	18-Nov-20	9:00	18-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP Work		WB	
310	400KV Maithon - Durgapur # 2 Line	18-Nov-20	9:00	20-Nov-20	17:00	ODB	POWERGRID, ER-II	Insulator Replacement work at major crossings			
311	315MVA ICT#3 at Subhasgram	18-Nov-20	7:00	18-Nov-20	17:00	ODB	POWERGRID, ER-II	Bay Upgradation Work Under ERSS-XVIII for Opening of Dropper Connection to Main bay 409-89B ISOLATOR & dismantling & erection of new isolator	315 MVA ICT#3 will be under Shutdown. This shutdown shall be taken only after commissioning of 407 & 408 Bay.	WB	
312	400KV Sundargarh-Raigarh Ckt #2	18-Nov-20	08:00	18-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	TL Maint work		NLDC	
313	400kv RTPS-RANCHI PG L#2	18-Nov-20	9:00	18-Nov-20	18:00	ODB	DVC	for jumper tightness, hardware and earthing checking in line L#407 from loc.405-416			
314	315MVA ICT-I at Meramundali	18-Nov-20	7:00	18-Nov-20	17:00	ODB	OPTCL	Replacement of pipe bus from Surge arrester to isolator by conductor jumpering for all the three phases of ICT-I	315MVA ICT-II will remain in service		
315	400KV RANCHI MAITHAN LINE	19-Nov-20	9:00	19-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.			
316	315 MVA ICT3 at Biharsharif SS	19-Nov-20	10:00	22-Nov-20	18:00	OCB	POWERGRID ER-I	OLTC overhauling		BSEB	To be availed after Chhath Puja
317	400 kV Bus 4 at Biharsharif	19-Nov-20	10:00	19-Nov-20	18:00	ODB	POWERGRID ER-I	Checking of Bus Interlocking scheme under construction head		BSEB	To be availed after Chhath Puja
318	400kv Koderma - Gaya-I	19-Nov-20	8:00	21-Nov-20	18:00	ODB	POWERGRID ER-I	For changing porcelain insulator by polymer insulator at road/rail/river/powerline crossings.		DVC	
319	A/R OF 400 KV KODERMA-GAYA-II	19-Nov-20	8:00	21-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I		DVC	
320	400KV Rangpo-Binguri-2	19-Nov-20	9:00	19-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP Works			May be done during long outage
321	66 KV Gangtok-Tadong Line	19-Nov-20	9:00	19-Nov-20	18:00	ODB	POWERGRID, ER-II	Relay retrofitting work		SIKKIM	
322	220KV Bus-1 at Malda	19-Nov-20	9:00	19-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP Work		WB	
323	400KV ,125Mvar Bus Reactor-2 at Rajarhat	19-Nov-20	09:00:00	20-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity.			No reactor shutdown will be allowed after Nov-16
324	315MVA ICT#4 at Subhasgram SS	19-Nov-20	7:00	19-Nov-20	17:00	ODB	POWERGRID, ER-II	Bay Upgradation Work Under ERSS-XVIII for Opening of Dropper Connection to Main bay 412-89B ISOLATOR & dismantling & erection of new isolator	315 MVA ICT# 4 will be under Shutdown. This shutdown shall be taken only after commissioning of 410 & 411 Bay.	WB	
325	315 MVA IBT-2 at KTHP	19-Nov-20	8:00	24-Dec-20	17:00	OCB	WB	Erection & Commissioning of new/spare 105 MVA Y ph on the plinth of IBT-2 Y phase (CAPEX 2018-19 project). The transformer is already delivered at KTHP by M/S			

326	KTPP- Kharagpur 400 KV Ckt 1	19-Nov-20	5:00	19-Nov-20	14:00	ODB	WB	Rout clearance			
327	400KV Indravati-Rengali S/C Line	19-Nov-20	15:00	19-Nov-20	17:00	ODB	ER-II/Odisha/Indravati	For closing of Isolator(40389R) & connecting Jumpers of 50MVAR LR after completion of Bushing replacement works and taking into service the 50MVAR LR since LR is			ER-SR TTC Revision
328	400 KV ROURKELA-SUNDARGARH#2 LINE	19-Nov-20	9:00	19-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	LINE MAINTENANCE WORKS			
329	400KV Sundargarh-Raigarh Ckt #4	19-Nov-20	08:00	19-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	TL Maint work		NLDC	
330	220KV Budhipadar-Korba ckt-3	19-Nov-20	8:00	19-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP		NLDC	
331	220KV Budhipadar-Korba ckt-3	19-Nov-20	8:00	26-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	For replacement of top phase insulator		NLDC	Location and span to be submitted
332	400kv RTPS-RANCHI PG L#3	19-Nov-20	9:00	19-Nov-20	18:00	ODB	DVC	for jumper tightness, hardware and earthing checking in line L#407 from loc.405-417			
333	400 kv BUS 2 at Biharsharif Substation	20-Nov-20	10:00	25-Nov-20	18:00	OCB	POWERGRID ER-I	For Bus Bar Commissioning work of TBEA Project		BSEB	For replacement of Electromechanical Bus Bar Relay to Numerical Relay. PG ER-I to submit details of relay and scheme under TBEA Project.To be availed after Chhath Puja
334	400kv Biharsharif Banka ckt 2 at Biharsharif	20-Nov-20	10:00	20-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of flashed insulator			
335	A/R of 400 KV Biharsharif Banka ckt-I	20-Nov-20	10:00	20-Nov-20	18:00	ODB	POWERGRID ER-I	To facilitate shutdown of ckt II			
336	400 KV Binaguri-Tala-4	20-Nov-20	9:00	22-Nov-20	17:00	ODB	POWERGRID, ER-II	Porcelain insulator replacement work in Major crossing		NLDC	
337	400KV FARAKKA -DURGAPUR-2	20-Nov-20	9:00	20-Nov-20	17:00	ODB	POWERGRID, ER-II	Insulator replacement at power line crossing			
338	400KV Maithon-Right Bank # I	20-Nov-20	8:00	4-Dec-20	18:00	OCB	POWERGRID, ER-II	Re conducting work			
339	A/R OF 400KV Maithon-Right Bank # II	20-Nov-20	8:00	4-Dec-20	18:00	ODB	POWERGRID, ER-II	To be kept in Non-Auto Mode during reconductoring of 400KV Maithon- RB# II line for safety measure			
340	220KV Rajarhat-New Town AA-3 line-1	20-Nov-20	09:00:00	20-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity.		WB	
341	400 KV Main Bus-II at Subhasgram SS.	20-Nov-20	7:00	20-Nov-20	17:00	ODB	POWERGRID, ER-II	For dismantalling of old 409 & 412 Bay Bus Isolator and installation & commissioning of new 409 & 412 Bay Bus isolator under ERSS - XVIII Project. & Bay Stability Test	400 KV Main Bus-II will be under Shutdown.This shutdown shall be taken only after commissioning of 407 & 408 , 410 & 411 Bay.	WB	
342	KTPP- Kharagpur 400 KV Ckt 1	20-Nov-20	5:00	20-Nov-20	14:00	ODB	WB	Rout clearance			
343	80MVAR B/R-I at Keonjhar	20-Nov-20	9:00	20-Nov-20	17:00	ODB	Keonjhar	CSD tuning (Shutdown will be taken if not availed in OCT'20)			Can be allowed before 15th Nov
344	400 KV ROURKELA-SUNDARGARH#4 LINE	20-Nov-20	9:00	20-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	LINE MAINTENANCE WORKS			
345	765kv Sundargarh-Dharamjaygarh Ckt #3	20-Nov-20	08:00	20-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	TL Maint work		NLDC	
346	400KV Rangpo-Teesta-V Ckt-2	21-Nov-20	8:00	28-Nov-20	17:00	OCB	POWERGRID, ER-II	For rectification of SF6 gas leakage repair work,		TEESTA-V	May be allowed when only two unit available at Teesta-V
347	400KV Maithon - Mejia #1 Line	21-Nov-20	9:00	25-Nov-20	17:00	ODB	POWERGRID, ER-II	Insulator Replacement work at major crossings		DVC	
348	220KV Rajarhat-New Town AA-3 line-2	21-Nov-20	09:00:00	21-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity.		WB	details required
349	400KV Mejia-Jamshedpur line	21-Nov-20	7:00	30-Nov-20	18:00	ODB	POWERGRID, ER-II	For OPGW installation Work alongwith replacement of old earthwire under TBCB project		DVC	
350	765kv Sundargarh-Dharamjaygarh Ckt #4	21-Nov-20	08:00	21-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	TL Maint work		NLDC	
351	400kv Koderma - Gaya-II	22-Nov-20	8:00	24-Nov-20	18:00	ODB	POWERGRID ER-I	For changing porcelain insulator by polymer insulator at road/rail/river/powerline crossings.		DVC	

352	A/R OF 400 KV KODERMA-GAYA-I	22-Nov-20	8:00	24-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II		DVC	
353	132 KV Sultanganj-Deoghar S/C T/L	22-Nov-20	9:00	24-Nov-20	16:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Consent from SLDC Ranchi will be required.	JSEB	
354	220 kV side of 500 MVA ICT-2 (206-52) at New Purnea S/s	23-Nov-20	9:00	16-Nov-20	12:00	ODB	POWERGRID ER-I	CT Oil Sampling			
355	400KV BARH-PATNA CKT 2	23-Nov-20	9:00	23-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene insulators in ROAD/POWERLINE/RAILWAY /RIVER Crossing; Total Loc- 30; To be completed- 24			
356	A/R OF 400KV BARH-PATNA CKT1	23-Nov-20	9:00	23-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
357	400 KV Bus 1 at Dabhanga S/s	23-Nov-20	8:00	24-Nov-20	18:00	OCB	POWERGRID ER-I	HV Testing of the Extension Bus (By POWERGRID)to existing Bus (DMTCL)		BSEB	FTC needs to be submitted
358	400kv Biharsharif Muzaffarpur ckt 1	23-Nov-20	10:00	23-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of electromechanical numerical relay to numerical			
359	400 KV MAITHON-RANCHI	23-Nov-20	9:00	23-Nov-20	17:00	ODB	POWERGRID ER-I	Replacement of Flashover insulator string at Loc-71			
360	A/R OF MAITHON-RAGUNATHPUR	23-Nov-20	9:00	23-Nov-20	17:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF 400 KV RANCHI-MAITHON		DVC	
361	400 KV BIHARSHARIF - VARANASI CKT- I	23-Nov-20	8:00	23-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of Porcelene insulator with Polymer Insulator at road/river/rail/power line crossings Total 60 locations; Completed - Nil; To be completed- 40		NLDC	
362	A/R OF 400 KV BIHARSHARIF - VARANASI CKT- II	23-Nov-20	8:00	23-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV BIHARSHARIF - VARANASI CKT- I		NLDC	
363	132 KV S/C Sitamarhi-Runnisaidpur Tr. Line	23-Nov-20	8:00	24-Nov-20	18:00	ODB	POWERGRID ER-I	Power line crossing of 400 kv Sitamarhi Darbhanga D/C under TBCB		BSEB	To be availed after Chhath Puja
364	400 KV Binaguri - Bongaigaon-1 & 2	23-Nov-20	6:00	24-Nov-20	18:00	ODB	POWERGRID, ER-II	Stringing at crossing between Loc. No. 11/0 - 12/0 of Jigmeling line and loc. No. 273-274 of Binaguri - Bongaigaon Line		NLDC	Should not coincide with Alipurduar Salakatai line
365	400 KV Binaguri-Tala-1	23-Nov-20	9:00	25-Nov-20	17:00	ODB	POWERGRID, ER-II	Porcelain insulator replacement work in Major crossing		NLDC	
366	220KV Rajarhat-Jeerat-1	23-Nov-20	09:00:00	23-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity at s/s end.		WB	details required
367	KTPP- Kharagpur 400 KV Ckt 2	23-Nov-20	5:00	23-Nov-20	14:00	ODB	WB	Rout clearance			
368	100 MVA ICT 2 at Ara	24-Nov-20	7:00	24-Nov-20	18:00	ODB	POWERGRID ER1	For Annual Maintenance work.		BSEB	To be availed after Chhath Puja
369	400KV BARH-PATNA CKT 1	24-Nov-20	9:00	24-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene insulators in ROAD/POWERLINE/RAILWAY /RIVER Crossing; Total Loc- 30; To be completed- 24			
370	A/R OF 400KV BARH-PATNA CKT2	24-Nov-20	9:00	24-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
371	220 kV D/C Ara (PG) - NADOKHAR TL	24-Nov-20	9:00	1-Dec-20	17:00	OCB	POWERGRID ER-I	For LILO work and Charging of line through Dumraon New GIS		BSEB	To be availed after Chhath Puja
372	400 KV MAITHON(RB)-RANCHI-I	24-Nov-20	9:00	24-Nov-20	17:00	ODB	POWERGRID ER-I	Replacement of Flashover insulator string at Loc-235			
373	A/R OF 400 KV MAITHON(RB)-RANCHI-II	24-Nov-20	9:00	24-Nov-20	17:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF alternate circuit on same tower			
374	400 KV BIHARSHARIF - VARANASI CKT- II	24-Nov-20	8:00	24-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of Porcelene insulator with Polymer Insulator at road/river/rail/power line crossings Loc.Total 60 locations; Completed - Nil; To be completed- 40		NLDC	

375	A/R OF 400 KV BIHARSHARIF - VARANASI CKT- I	24-Nov-20	8:00	24-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV BIHARSHARIF - VARANASI CKT- II		NLDC	
376	50 MVAR Bus Reacor at Arambagh	24-Nov-20	7:00	24-Nov-20	15:00	ODB	WB	Routine maintenance			Can be allowed before 15th Nov
377	KTPP- New Chanditala 400 KV Ckt (Only charged line)	24-Nov-20	8:00	24-Nov-20	17:00	ODB	WB	Testing of CT & CVT			
378	KTPP- Kharagpur 400 KV Ckt 2	24-Nov-20	5:00	24-Nov-20	14:00	ODB	WB	Rout clearance			
379	315 MVA ICT I at Baripada	24-Nov-20	9:00	24-Nov-20	17:00	ODB	ER-II/Odisha/BARIPADA S/S	AMP works		Gridco	
380	400 KV BUS # 2 at Rengali	24-Nov-20	9:00	24-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP & Isolator alignment work and interlock checking			
381	220 KV Gaya(PG)-Dehri ckt 2	24-Nov-20	9:00	25-Nov-20	16:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Dehri will avail power from alternate sources.		
382	220 KV DMTCL(Darbhangha)-Ujayarpur S/C T/L	24-Nov-20	9:00	26-Nov-20	17:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Ujayarpur will avail power from alternate sources.		
383	400kv KHSTPP-LAKHISARAI-1	24-Nov-20	9:00	25-Nov-20	17:00	OCB	NTPC KHSTPP	Bay maintenance and Testing			
384	400KV RANCHI SIPAT LINE-I	25-Nov-20	9:00	25-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of flashover insulator at the location number 1097		NLDC	Line reactor AMP should be done
385	400KV BARH-PATNA CKT2	25-Nov-20	9:00	25-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene insulators in ROAD/POWERLINE/RAILWAY /RIVER Crossing: Total Loc- 30: To be completed- 24			
386	A/R OF 400KV BARH-PATNA CKT1	25-Nov-20	9:00	25-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
387	400 kv Bus2 at Darbhanga S/S	25-Nov-20	8:00	26-Nov-20	18:00	OCB	POWERGRID ER-I	HV Testing of the Extension Bus (By POWERGRID)to existing Bus (DMTCL)		BSEB	FTC needs to be submitted
388	400 kV BUS 1 at Biharsharif Substation	25-Nov-20	10:00	29-Nov-20	18:00	OCB	POWERGRID ER-I	For Bus Bar Commissioning work of TBEA Project		BSEB	For replacement of Electromechanical Bus Bar Relay to Numerical Relay. PG ER-I to submit details of relay and scheme under TBEA Project To be availed before Chhath Puja
389	400kv Biharsharif Muzaffarpur ckt 2	25-Nov-20	10:00	25-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of electromechanical numerical relay to numerical			
390	400KV Maithon - Gaya-I	25-Nov-20	8:00	27-Nov-20	18:00	ODB	POWERGRID ER-I	For changing porcelain insulator by polymer insulator at road/rail/river/powerline crossings.		DVC	
391	A/R OF 400 KV GAYA-MAITHON-II	25-Nov-20	8:00	27-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I		DVC	
392	400 KV BIHARSHARIF - VARANASI CKT- I	25-Nov-20	8:00	25-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of Porcelene insulator with Polymer Insulator at road/river/rail/power line crossingsTotal 60 locations; Completed - Nil; To be completed- 40		NLDC	
393	A/R OF 400 KV BIHARSHARIF - VARANASI CKT- II	25-Nov-20	8:00	25-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV BIHARSHARIF - VARANASI CKT- I		NLDC	
394	400 KV RANCHI-SIPAT-I	25-Nov-20	8:00	25-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of flashover insulator at the location number 1097		NLDC	Line reactor AMP should be done
395	A/R OF 400 KV RANCHI-SIPAT-II	25-Nov-20	8:00	25-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE THE S/D OF 400 KV RANCHI-SIPAT-I		NLDC	
396	220 KV Alipurduar - Salakati 1 &2	25-Nov-20	6:00	26-Nov-20	18:00	ODB	POWERGRID, ER-II	Replacement of earth wire between section 425-426		NLDC	

397	220KV Rajarhat-Jeerat-2	25-Nov-20	09:00:00	25-Nov-20	17:00:00	ODB	POWERGRID, ER-II	Construction pending point under construction activity at s/s end.		WB	details required
398	400kV Alipurduar- Siliguri line CKT-1	25-Nov-20	8:00	25-Nov-20	18:00	ODB	ENICL	Helical installation & SD defect rectification			
399	A/R of 400kV Alipurduar- Siliguri line CKT-2	25-Nov-20	8:00	25-Nov-20	18:00	ODB	ENICL	A/R in Non Auto Mode for Helical installation & SD defect rectification.			
400	125 MVAR Bus Reacor at Arambagh	25-Nov-20	7:00	25-Nov-20	15:00	ODB	WB	Routine maintenance			Can be allowed before 15th Nov
401	765KV 240MVAR Bus Reactor -2 at Sundargarh	25-Nov-20	9:30	25-Nov-20	12:30	ODB	ER-II/Odisha/Sundargarh	Spare change over work		NLDC	Can be allowed before 15th Nov
402	220 KV Muzafferpur(PG) -Hazipur D/C T/L	25-Nov-20	10:30	25-Nov-20	14:30	ODB	BSPTCL	For stringing work of 220 KV Muz(PG)-Goraul D/C T/L	Hajipur will avail restricted power from BTPS		BTPS-Hazipur Should be available
403	220 KV DMTCL(Darbhanga)-Laukahi D/C T/L	25-Nov-20	8:00	28-Nov-20	17:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Laukahi will avail power from alternate sources		Laukhi Madehpura Should be available
404	220 KV DMTCL(Motihari)-Motihari ckt 1	25-Nov-20	9:00	26-Nov-20	16:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Motihari will avail power from Motipur.		
405	220 KV DMTCL(Motihari)-Motihari ckt 2	25-Nov-20	9:00	26-Nov-20	16:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Motihari will avail power from Motipur.		
406	132 KV Banka(PG)-Sultanganj ckt 1	25-Nov-20	9:00	26-Nov-20	16:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Sultanganj will avail power from alternate sources.		
407	132 KV Banka(PG)-Sultanganj ckt 2	25-Nov-20	9:00	26-Nov-20	16:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Sultanganj will avail power from alternate sources.		
408	400kV Meramundali-JSPL ckt-II	25-Nov-20	7:00	25-Nov-20	17:00	ODB	OPTCL	Replacement and jumpering of B-phase arm of tie isolator at Meramundali end	400kV Meramundali-JSPL ckt-I will remain in service		
409	400KV BARH-PATNA CKT 1	26-Nov-20	9:00	26-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene insulators in ROAD/POWERLINE/RAILWAY /RIVER Crossing; Total Loc- 30; To be completed- 24			
410	A/R OF 400KV BARH-PATNA CKT2	26-Nov-20	9:00	26-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
411	500 MVA ICT4 at Biharsharif SS	26-Nov-20	10:00	26-Nov-20	18:00	ODB	POWERGRID ER-I	CSD Commissioning work under project head ERSS-XX		BSEB	To be availed after Chhath Puja
412	400 KV MAITHON-RAGUNATHPUR	26-Nov-20	9:00	26-Nov-20	17:00	ODB	POWERGRID ER-I	Replacement of Flashover insulator string at Loc-75		DVC	
413	A/R OF MAITHON-RANCHI	26-Nov-20	9:00	26-Nov-20	17:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF 400 KV MAITHON-RAGHUNATHPUR			
414	400 KV BIHARSHARIF - VARANASI CKT- II	26-Nov-20	8:00	26-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of Porcelene insulator with Polymer Insulator at road/river/rail/power line crossings Total 60 locations; Completed - Nil; To be completed- 40		NLDC	
415	A/R OF 400 KV BIHARSHARIF - VARANASI CKT- I	26-Nov-20	8:00	26-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV BIHARSHARIF - VARANASI CKT- II		NLDC	
416	400 KV Binaguri-Tala-2	26-Nov-20	9:00	27-Nov-20	17:00	ODB	POWERGRID, ER-II	Porcelain insulator replacement work in Major crossing		NLDC	
417	400 KV Bus-2 at Durgapur	26-Nov-20	9:00	26-Nov-20	17:00	ODB	POWERGRID, ER-II	Bus side Isolator alignment works and tightness of Bus.		DVC	
418	400KV Maithon -Mejia # 2 Line	26-Nov-20	9:00	30-Nov-20	17:00	ODB	POWERGRID, ER-II	Insulator Replacement work at major crossings		DVC	
419	315MVA ICT#3 at Subhasgram SS	26-Nov-20	7:00	26-Nov-20	17:00	ODB	POWERGRID, ER-II	Bay Upgradation Work Under ERSS-XVIII - Differential & REF Stability Test w.r.t to new Main CT (409 CT) & Scheme checking	315 MVA ICT#3 will be under Shutdown.	WB	
420	A/R of 400kV Alipurduar- Siliguri line CKT-1	26-Nov-20	8:00	26-Nov-20	18:00	ODB	ENICL	A/R in Non Auto Mode for Helical installation & SD defect rectification.			
421	400kV Alipurduar- Siliguri line CKT-2	26-Nov-20	8:00	26-Nov-20	18:00	ODB	ENICL	Helical installation & SD defect rectification			

422	KTPP- Arambagh 400 KV Ckt	26-Nov-20	5:00	26-Nov-20	14:00	ODB	WB	Rout clearance			
423	400 KV Rengali-Indravati Line	26-Nov-20	8:00	26-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP & Relay Retrofitting (Main-1, Micom)		NLDC	ER-SR TTC Revision
424	765/400KV,1500MVA ,ICT-1 at Sundargarh	26-Nov-20	9:30	26-Nov-20	12:30	ODB	ER-II/Odisha/Sundargarh	Spare change over work		NLDC	
425	220 KV Gaya(PG)-Dehri ckt 1	26-Nov-20	9:00	27-Nov-20	16:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Dehri will avail power from alternate sources.		
426	400KV KHSTPP-BANKA-2	26-Nov-20	9:00	27-Nov-20	17:00	OCB	NTPC KHSTPP	Bay maintenance and Testing			
427	400/220 kV 315 MVA ICT-2 (EMCO) at Gaya	27-Nov-20	9:00	27-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		BSEB	To be availed after Chhath Puja
428	400KV BARH-PATNA CKT 2	27-Nov-20	9:00	27-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene insulators in ROAD/POWERLINE/RAILWAY /RIVER Crossing; Total Loc- 30; To be completed- 24			
429	A/R OF 400KV BARH-PATNA CKT1	27-Nov-20	9:00	27-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
430	400 KV BIHARSHARIF - VARANASI CKT- I	27-Nov-20	8:00	27-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of Porcelene insulator with Polymer Insulator at road/river/rail/power line crossings Total 60 locations; Completed - Nil; To be completed- 40		NLDC	
431	A/R OF 400 KV BIHARSHARIF - VARANASI CKT- II	27-Nov-20	8:00	27-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV BIHARSHARIF - VARANASI CKT- I		NLDC	
432	315MVA ICT#4 at Subhasgram SS	27-Nov-20	7:00	27-Nov-20	17:00	ODB	POWERGRID, ER-II	Bay Upgradation Work Under ERSS-XVIII - Differential & REF Stability Test w.r.t to new Main CT (412 CT) & Scheme checking	315 MVA ICT#4 will be under Shutdown.	WB	
433	400kv Alipurduar- Siliguri line CKT-1	27-Nov-20	8:00	27-Nov-20	18:00	ODB	ENICL	Helical installation & SD defect rectification			
434	A/R of 400kv Alipurduar- Siliguri line CKT-2	27-Nov-20	8:00	27-Nov-20	18:00	ODB	ENICL	A/R in Non Auto Mode for Helical installation & SD defect rectification.			
435	KTPP- Arambagh 400 KV Ckt	27-Nov-20	5:00	27-Nov-20	14:00	ODB	WB	Rout clearance			
436	400 KV ROURKELA-SUNDARGARH#1 LINE	27-Nov-20	9:00	27-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	LINE MAINTENANCE WORKS			
437	765/400 kV, 1500 MVA ICT at Pusauli	28-Nov-20	9:00	28-Nov-20	18:00	ODB	POWERGRID ER-I	AMP work and to facillitate AMP of East Bus-1		NLDC	Shall be clubed with bus shutdown
438	400 KV East Bus-1 at Pusauli	28-Nov-20	9:00	28-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		NLDC	
439	400KV BARH-PATNA CKT 1	28-Nov-20	9:00	28-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene insulators in ROAD/POWERLINE/RAILWAY /RIVER Crossing; Total Loc- 30; To be completed- 24			
440	A/R OF 400KV BARH-PATNA CKT2	28-Nov-20	9:00	28-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			

441	400KV Maithon - Gaya-II	28-Nov-20	8:00	30-Nov-20	18:00	ODB	POWERGRID ER-I	For changing porcelain insulator by polymer insulator at road/rail/river/powerline crossings.			
442	A/R OF 400 KV GAYA-MAITHON-I	28-Nov-20	8:00	30-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
443	400 KV BIHARSHARIF - VARANASI CKT- II	28-Nov-20	8:00	28-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of Porcelene insulator with Polymer Insulator at road/river/power line crossings Total 60 locations; Completed - Nil; To be completed- 40		NLDC	
444	A/R OF 400 KV BIHARSHARIF - VARANASI CKT- I	28-Nov-20	8:00	28-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV BIHARSHARIF - VARANASI CKT- II		NLDC	
445	400KV SUBASHGRAM SAGARDIGHI	28-Nov-20	7:00	28-Nov-20	17:00	ODB	POWERGRID, ER-II	Porcelain Insulator Changing Works & Maintenance works	400KV SUBASHGRAM SAGARDIGHI line will be under shutdown	WB	
446	A/R of 400KV Alipurduar- Siliguri line CKT-1	28-Nov-20	8:00	28-Nov-20	18:00	ODB	ENICL	A/R in Non Auto Mode for Helical installation & SD defect rectification.			
447	400kv Alipurduar- Siliguri line CKT-2	28-Nov-20	8:00	28-Nov-20	18:00	ODB	ENICL	Helical installation & SD defect rectification			
448	400 KV ROURKELA-SUNDARGARH#3 LINE	28-Nov-20	9:00	28-Nov-20	17:00	ODB	ER- II/ROURKELA	LINE MAINTENANCE WORKS			
449	220 KV Dehri-Pushauli(PG) S/C T/L	28-Nov-20	9:00	29-Nov-20	17:00	ODB	BSPTCL	For tree pruning and jumper tightening work	Dehri will avail power from other 220 KV transmission		Gaya Dehri Should be avialbe
450	400KV BARH-PATNA CKT 2	29-Nov-20	9:00	29-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene insulators in ROAD/POWERLINE/RAILWAY /RIVER			
451	A/R OF 400KV BARH-PATNA CKT1	29-Nov-20	9:00	29-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-II			
452	400kv Biharsharif Banka ckt 1 at Biharsharif	29-Nov-20	10:00	29-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of flashed insulator			
453	A/R of 400 KV Biharsharif Banka ckt-II	29-Nov-20	10:00	29-Nov-20	18:00	ODB	POWERGRID ER-I	To faciliate shutdown of ckt I			
454	400 KV BIHARSHARIF - VARANASI CKT- I	29-Nov-20	8:00	29-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of Porcelene insulator with Polymer Insulator at Insulator at road/river/rail/power line crossings Total 60 locations; Completed - Nil; To be		NLDC	
455	A/R OF 400 KV BIHARSHARIF - VARANASI CKT- II	29-Nov-20	8:00	29-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV BIHARSHARIF - VARANASI CKT- I		NLDC	
456	400kv Maithon-Durgapur#2 line	29-Nov-20	9:30	30-Nov-20	17:00	ODB	POWERGRID, ER-II	Internal inspection/Overhauling of interrupter of 400kv CB of Main Bay.			
457	400 KV Jeerat Sagardighi line	29-Nov-20	9:00	29-Nov-20	17:00	ODB	POWERGRID, ER-II	Retrofitting of A/R Relay at Jeerat end	400 KV Jeerat Sagardighi line will be under shutdown.	WB	
458	Kharagpur- New Chanditala 400 KV Ckt 1	29-Nov-20	6:00	29-Nov-20	16:00	ODB	WB	Rout clearance			
459	400KV BARH-PATNA CKT 1	30-Nov-20	9:00	30-Nov-20	17:30	ODB	POWERGRID ER-I	Replacement of Polymer Insulators with Porecelene insulators in ROAD/POWERLINE/RAILWAY /RIVER Crossings; Total Loc- 30; To be completed- 24			
460	A/R OF 400KV BARH-PATNA CKT2	30-Nov-20	9:00	30-Nov-20	17:30	ODB	POWERGRID ER-I	TO FACILITATE S/D OF CKT-I			
461	400 KV KAHALGAON-MAITHON-II	30-Nov-20	9:00	30-Nov-20	17:00	ODB	POWERGRID ER-I	RECTIFICATION OF FLASHED INSULATOR AT LOC NO.323			
462	A/R OF 400 KV KAHALGAON-MAITHON-I	30-Nov-20	9:00	30-Nov-20	17:00	ODB	POWERGRID ER-I	A/R PUT INTO NON AUTO MODE TO FACILITATE S/D OF CKT2			
463	400 KV BIHARSHARIF - VARANASI CKT- II	30-Nov-20	8:00	30-Nov-20	18:00	ODB	POWERGRID ER-I	Replacement of Porcelene insulator with Polymer Insulator at road/river/rail/power line crossings Total 60 locations; Completed - Nil; To be completed- 40		NLDC	
464	A/R OF 400 KV BIHARSHARIF - VARANASI CKT- I	30-Nov-20	8:00	30-Nov-20	18:00	ODB	POWERGRID ER-I	TO FACILITATE S/D WORK ON 400 KV BIHARSHARIF - VARANASI CKT- II		NLDC	
465	400KV SUBASHGRAM SAGARDIGHI	30-Nov-20	7:00	30-Nov-20	17:00	ODB	POWERGRID, ER-II	Porcelain Insulator Changing Works at major crossing	400KV SUBASHGRAM SAGARDIGHI will be under shutdown.	wb	
466	Kharagpur- New Chanditala 400 KV Ckt 2	30-Nov-20	6:00	30-Nov-20	16:00	ODB	WB	Rout clearance			

ERLDC, KOLKATA										
TRANSMISSION ELEMENTS OUTAGE APPROVED(BAYS) IN 172nd (Oct 2020) OCC MEETING OF ERPC										
		FROM		TO						
SI	NAME OF THE ELEMENTS	DATE	TIME	DATE	TIME	REMARKS	S.D availing agency	Reason	SUBJECT TO CONSENT FROM AGENCY	POST MEETING COMMENTS OF ERLDC
1	400 kV Main Bay Muzaffarpur1 401Bay at Biharsharif	1-Nov-20	10:00	1-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
2	400KV Main bay Bongaigaon #1 at Binaguri	1-Nov-20	9:00	30-Nov-20	17:00	OCB	POWERGRID, ER-II	Upgradation of 412 Bay under ERSS-XX		Both Main Bay should be available, atleast two dia should be complete
3	400KV Main Bay of Durgapur-1 line at Maithon	1-Nov-20	9:00	17-Nov-20	18:00	ODB	POWERGRID, ER-II	Bay upgradation work under ERSS-XVII		Both Main Bay should be available, atleast two dia should be complete
4	400 kV side Main bay of 400/220 kV ICT-1 (416) at Gaya	2-Nov-20	9:00	2-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
5	BAY-403 - 400KV MAIN BAY OF 200MVA ICT-I AT BANKA	2-Nov-20	10:00	2-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
6	400KV Allahabad Line Reactor Bay (CWL29Q50) at Pusauli	2-Nov-20	9:00	5-Nov-20	18:00	OCB	POWERGRID ER-I	Overhauling of CWL29Q50-Y phase Pole		Both Main Bay should be available, atleast two dia should be complete
7	400 KV MAIN BAY OF RANCHI- RAGUNATHPUR-3 AT RANCHI	2-Nov-20	9:30	2-Nov-20	17:30	ODB	POWERGRID ER-I	AMP OF BAY		Both Main Bay should be available, atleast two dia should be complete
8	400KV Allahabad Line Reactor Bay (CWL29Q60) AT SASARAM	2-Nov-20	9:00	5-Nov-20	18:00	OCB	POWERGRID ER-I	Overhauling of CWL29Q60-Y phase Pole		Both Main Bay should be available, atleast two dia should be complete
9	400KV Main bay of Tala#4 at Binaguri	2-Nov-20	9:00	2-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia should be complete
10	400KV Tie bay of Maithon-2 & Future at Durgapur	2-Nov-20	9:00	2-Nov-20	17:30	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia should be complete
11	AMP of 10C06.A BAY at Kaniha	2-Nov-20	9:00	2-Nov-20	17:00	OCB	ER-II/Odisha/HVDC Talcher	Annual maintenance of 10C0A.C bay equipment. ACF1 Filter Bank shall remain in service through 10C06.C bay.		Both Main Bay should be available, atleast two dia should be complete
12	220kV BUS COUPLER BAY (207) at Keonjhar	2-Nov-20	9:00	5-Nov-20	17:00	OCB	Keonjhar	Rectification of CB: found DCRM problem. (Shutdown will be taken if not availed in OCT'20.)		Both Main Bay should be available, atleast two dia should be complete
13	220 KV Bus-Coupler Bay (Bay No-204) at Rengali	2-Nov-20	9:00	2-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia should be complete
14	400 kV Tie bay of 400/220 kV ICT-1 (417) and Chandwa ckt-2 at Gaya	3-Nov-20	9:00	3-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
15	BAY-406 - 400KV MAIN BAY OF 200MVA ICT-II AT BANKA	3-Nov-20	10:00	3-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete

16	400kV Patna-Kishanganj 1 tie bay at Patna	3-Nov-20	9:30	3-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
17	220KV BUS COUPLER BAY(201) AT CHAIBASA	3-Nov-20	9:30	3-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
18	400 kV Main Bay of 400 kV Lakhisarai-Kahalgaoon-2 at Lakhisarai	3-Nov-20	10:00	3-Nov-20	14:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
19	400 KV TIE BAY OF RANCHI NEW RANCHI - I AT RANCHI	3-Nov-20	9:00	4-Nov-20	17:00	OCB	POWERGRID ER-I	REPLACEMENT OF MOISTURE ABSORBENT IN R & B POLES OF 426 CB. LINE WILL REMAIN CHARGED THROUGH MAIN BAY CB.		Both Main Bay should be available, atleast two dia should be complete
20	Tie Bay of 400kV siliguri-2 & ICT-1 (405-52) at New Purnea S/s	3-Nov-20	10:00	3-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
21	400 kV Main Bay Muzaffarpur2 403 Bay at Biharsharif	3-Nov-20	10:00	3-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
22	400KV PUNATSANGCHU 1(JIGME INTERIM-1 & 400KV PUNATSANGCHU 2(JIGME INTERIM-2) TIE Bay at Alipurduar	3-Nov-20	8:00	3-Nov-20	18:00	ODB	POWERGRID, ER-II	Bay AMP Work		Both Main Bay should be available, atleast two dia should be complete
23	ICT-I Main Bay (407 Bay) at Jeypore	3-Nov-20	9:00	3-Nov-20	17:00	ODB	ER-II/Odisha /Jeypore	For AMP Work of 407 Bay		Both Main Bay should be available, atleast two dia should be complete
24	Bay No 424T- ICT#1 at Rourkela	3-Nov-20	9:00	3-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	AMP WORKS		Both Main Bay should be available, atleast two dia should be complete
25	400 kV Main bay of Chandwa-Gaya-II (418) at Gaya	4-Nov-20	9:00	4-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
26	BAY-409 - 400KV MAIN BAY OF 80MVAR BUS REACTOR-I AT BANKA	4-Nov-20	10:00	4-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
27	400kV Patna- Balia-2 Tie bay at Patna	4-Nov-20	9:30	4-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
28	MAIN BAY OF 400KV CHAIBASA-JAMSHEDPUR-2(407) AT CHAIBASA	4-Nov-20	9:30	4-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
29	Main Bay Koderma 2 427 Bay at Biharsharif	4-Nov-20	10:00	4-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
30	400KV Tie bay of Tala#4 and Malbase at Binaguri	4-Nov-20	9:00	4-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia should be complete
31	UHIEP-BR Tie Bay (411) at Indravati	4-Nov-20	9:00	4-Nov-20	17:00	ODB	ER-II/Odisha/Indravati	AMP works of UHIEP-BR Tie Bay (411) . During this shutdown Power flow will not be Interrupted.		Both Main Bay should be available, atleast two dia should be complete
32	400kV Tata line Tie Bay (420) at Jamshedpur	5-Nov-20	9:30	5-Nov-20	17:30	ODB	POWERGRID ER1	Bay AMP work at Jamshedpur.		Both Main Bay should be available, atleast two dia should be complete
33	400 kV Main bay of 400kV BR-1 (419) at Gaya	5-Nov-20	9:00	5-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete

34	400kV Patna-Balia-3 Tie bay at Patna	5-Nov-20	9:30	5-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
35	TIE BAY OF 400KV CHAIBASA-JAMSHEDPUR-2 (408) AT CHAIBASA	5-Nov-20	9:30	5-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
36	400 kV Tie Bay of 400 kV Kahalgaon-2 & 80 MVAR Bus Reactor at Lakhisarai	5-Nov-20	10:00	5-Nov-20	14:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
37	400 KV TIE BAY OF RANCHI NEW RANCHI - II AT RANCHI	5-Nov-20	9:00	6-Nov-20	17:00	OCB	POWERGRID ER-I	REPLACEMENT OF MOISTURE ABSORBENT IN R, Y & B POLES OF 429 CB. LINE WILL REMAIN CHARGED THROUGH MAIN BAY CB.		Both Main Bay should be available, atleast two dia should be complete
38	220KV RANCHI-CHANDIL MAIN BAY (202) AT RANCHI	5-Nov-20	9:00	5-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
39	TIE Bay of Purnia 2 and Balia 1 405 Bay at Biharsharif	5-Nov-20	10:00	5-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
40	400 KV bay of Durgapur (PGCIL) Ckt 1 (diversion through TBC) at Bidhannagar	5-Nov-20	7:00	5-Nov-20	15:00	ODB	WB	Scissor replacement of MB I side pantograph isolator with trapezoidal hanger adj of pantograph iso. B-phase		Both Main Bay should be available, atleast two dia should be complete
41	Tie Bay(708) of 765KV ICT 2 & SUNDARGARH LINE 1 at Angul	5-Nov-20	9:00	5-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP	NLDC	Both Main Bay should be available, atleast two dia should be complete
42	Main bay (20952) of 160MVA ICT I at Baripada	5-Nov-20	9:00	5-Nov-20	17:00	ODB	ER-II/Odisha/BARIPADA S/S	AMP works		Both Main Bay should be available, atleast two dia should be complete
43	AMP of 10C06.C BAY at Kaniha	5-Nov-20	9:00	5-Nov-20	17:00	OCB	ER-II/Odisha/HVDC Talcher	Annual maintenance of 10C06.C bay equipment. ACF1 Filter Bank shall remain in service through 10C06.A bay.		Both Main Bay should be available, atleast two dia should be complete
44	Main Bay 419) of 400 KV Rourkela-Sundargarh # 3 at Rourkela	5-Nov-20	9:00	5-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	AMP WORKS		Both Main Bay should be available, atleast two dia should be complete
45	400 kV Tie bay of 400 kV BR-1 (420) and Nabinagar ckt-II at Gaya	6-Nov-20	9:00	6-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
46	400kV Patna-Barh-3 Main bay at Patna	6-Nov-20	9:30	6-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
47	MAIN BAY OF 400KV CHAIBASA-ROURKELA-2(410) AT CHAIBASA	6-Nov-20	9:30	6-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
48	400 kV Main Bay of 80 MVAR Bus Reactor at Lakhisarai	6-Nov-20	10:00	6-Nov-20	14:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
49	Main Bay of 400kV Siliguri-2 (404-52) at New Purnea S/s	6-Nov-20	10:00	6-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
50	Main Bay ICT 3 410 Bay at Biharsharif	6-Nov-20	10:00	6-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
51	400KV Main bay of ICT#2 at Binaguri	6-Nov-20	9:00	6-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia should be complete
52	400KV Tie Bay Berhampore-Farakka-2 & Berhampore-Sagardighi-2 at Berhampore.	6-Nov-20	9:00	6-Nov-20	17:00	ODB	POWERGRID, ER-II	Bay AMP		Both Main Bay should be available, atleast two dia should be complete
53	400 KV bay of New Chanditala Ckt (diversion through TBC) at Bidhannagar	6-Nov-20	7:00	6-Nov-20	15:00	ODB	WB	MB I side isolator adjustment work (B-phase)		Both Main Bay should be available, atleast two dia should be complete

54	Main Bay(710) of 765KV ICT-3 at Angul	6-Nov-20	9:00	6-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP	NLDC	Both Main Bay should be available, atleast two dia should be complete
55	220kV TURMUNGA FUTURE LINE- I BAY (204) at Keonjhar	6-Nov-20	9:00	6-Nov-20	17:00	ODB	Keonjhar	Rectification of CB: found timing mismatch. (Shutdown will be taken if not availed in OCT'20.)		Both Main Bay should be available, atleast two dia should be complete
56	220 KV ICT # 1 Main Bay (Bay No-201) at Rengali	6-Nov-20	9:00	6-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP & Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia should be complete
57	400 kV Main bay of Nabinagar-Gaya-II (421) at Gaya	7-Nov-20	9:00	7-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
58	400kV Patna-Balia 4 tie bay at Patna	7-Nov-20	9:30	7-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
59	400KV Tie bay of ICT#2 & Tala 2 at Binaguri	7-Nov-20	9:00	7-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia should be complete
60	400KV Tie Bay Berhampore-Farakka-1 & Berhampore-Sagardighi-1 at Berhampore.	7-Nov-20	9:00	7-Nov-20	17:00	ODB	POWERGRID, ER-II	Bay AMP		Both Main Bay should be available, atleast two dia should be complete
61	Main Bay (40452) of 400KV Baripada-Kharagpur Line at Baripada	7-Nov-20	9:00	7-Nov-20	17:00	ODB	ER-II/Odisha/BARIPADA S/S	AMP works		Both Main Bay should be available, atleast two dia should be complete
62	220kV KEONJAR-RANKI LINE -II BAY(206) at Keonjhar	7-Nov-20	9:00	7-Nov-20	17:00	ODB	Keonjhar	Rectification of CB: found timing mismatch. (Shutdown will be taken if not availed in OCT'20.)		Both Main Bay should be available, atleast two dia should be complete
63	Bay No 209:-220 KV ROURKELA-TARKERA # 2 at Rourkela	7-Nov-20	9:00	7-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	AMP WORKS		Both Main Bay should be available, atleast two dia should be complete
64	765KV sundargarh-Future Line-I (Main Bay-727,Tie Bay-726) at Sundargarh	7-Nov-20	9:00	7-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP of 727 Main Bay & Tie Bay-726 after 1 year commissioning	NLDC	Both Main Bay should be available, atleast two dia should be complete
65	400KV RANCHI ROURKELA-2 MAIN BAY (412) AT RANCHI	8-Nov-20	9:00	8-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
66	400 kV side Main bay of 400kV BR-2 (422) at Gaya	9-Nov-20	9:00	9-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
67	400 KV Tie bay of Daltonganj-1 and ICT-1 (CWD60Q50) at Pusauli	9-Nov-20	9:00	9-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
68	Tie Bay of 400kV Farakka & Biharshariff-2 (420-52) at New Purnea S/s	9-Nov-20	10:00	9-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
69	Main Bay Lakhisarai 1 413 Bay at Biharsharif	9-Nov-20	10:00	9-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
70	40KV Tie Bay Berhampore-Bheramara-1 & 125 MVAR Bus Reactor at Berhampore.	9-Nov-20	9:00	9-Nov-20	17:00	ODB	POWERGRID, ER-II	Bay AMP		Both Main Bay should be available, atleast two dia should be complete
71	TBC BAY (201) at Keonjhar	9-Nov-20	9:00	9-Nov-20	17:00	ODB	Keonjhar	Re-checking of CRM (Shutdown will be taken if not availed in OCT'20.)		Both Main Bay should be available, atleast two dia should be complete
72	400 KV, 125 MVAR BR # 2 Main Bay (Bay No-419) at Rengali	9-Nov-20	9:00	9-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP Work		Both Main Bay should be available, atleast two dia should be complete
73	Main Bay (407) of 400 KV ROURKELA-TALCHER # 2 at Rourkela	9-Nov-20	9:00	9-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	AMP WORKS		Both Main Bay should be available, atleast two dia should be complete
74	765KV sundargarh-Future Line-II (Main Bay-730,Tie Bay-729) at Sundargarh	9-Nov-20	9:00	9-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP of 730 Main Bay & Tie Bay-729 after 1 year commissioning	NLDC	Both Main Bay should be available, atleast two dia should be complete

75	400kV, MAITHON & CHAIBASA-1 LINE Tie Bay (408) at Jamshedpur	10-Nov-20	9:30	10-Nov-20	17:30	ODB	POWERGRID ER1	Bay AMP work at Jamshedpur.		Both Main Bay should be available, atleast two dia should be complete
76	400 kV side Tie bay of 400 kV BR-2 (423) and Nabinagar-I at Gaya	10-Nov-20	9:00	10-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
77	400kV Patna-Barh-4 Main Bay at Patna	10-Nov-20	9:30	10-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
78	400KV Bihar Sharif-2 Line Reactor Bay (CWL89Q50) at Pusauli	10-Nov-20	9:00	13-Nov-20	18:00	OCB	POWERGRID ER-I	Overhauling of CWL89Q50-Y phase Pole		Both Main Bay should be available, atleast two dia should be complete
79	400 kV Main Bay of 400 kV Lakhisarai-Khalgaon-1 at Lakhisarai	10-Nov-20	10:00	10-Nov-20	14:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
80	TIE BAY OF RKL-2 & MRB-2 (411) AT RANCHI	10-Nov-20	9:00	10-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
81	Tie Bay of 400kV Gokarna & Biharshariff-1 (423-52) at New Purnea S/s	10-Nov-20	10:00	10-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
82	Main Bay (723) of 765KV ANGUL-SUNDARGARH LINE 3 at Angul	10-Nov-20	9:00	10-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP	NLDC	Both Main Bay should be available, atleast two dia should be complete
83	Main bay (40652) of 315MVA ICT II at Baripada	10-Nov-20	9:00	10-Nov-20	17:00	ODB	ER-II/Odisha/BARIPADA S/S	AMP works		Both Main Bay should be available, atleast two dia should be complete
84	400 KV ICT # 2 Main Bay (Bay No-409) at Rengali	10-Nov-20	9:00	10-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia
85	Main bay 410 of 400KV Sundargarh-Rourkela ckt-1 at Sundargarh	10-Nov-20	9:00	10-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP		Both Main Bay should be available, atleast two dia
86	400kV JAMSHEDPUR-CHAIBASA-1 LINE Main Bay (409) at Jamshedpur	11-Nov-20	9:30	11-Nov-20	17:30	ODB	POWERGRID ER1	Bay AMP work at Jamshedpur.		Both Main Bay should be available, atleast two dia
87	400 kV Main bay of Nabinagar-Gaya-I (424) at Gaya	11-Nov-20	9:00	11-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
88	400 KV Main Bay of Daltonganj-I (CWD60Q51) at Pusauli	11-Nov-20	9:00	11-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
89	Main Bay of 400kV Biharsariff- 2 (424-52) at New Purnea S/s	11-Nov-20	10:00	11-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
90	400KV Main Bay of 125MVAR Bus Reactor-4 at Durgapur	11-Nov-20	9:00	11-Nov-20	17:30	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia
91	Tie Bay (722) of 765KV ANGUL-SUNDARGARH LINE 3 at Angul	11-Nov-20	9:00	11-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP	NLDC	Both Main Bay should be available, atleast two dia
92	220 KV OPTCL # 2 Main Bay (Bay No-207) at Rengali	11-Nov-20	9:00	11-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP & Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia
93	Tie Bay (426) of 400 KV Rourkela-Sundargarh#4 & 125 BR 2 at Rourkela	11-Nov-20	9:00	11-Nov-20	17:00	ODB	ER-II/ODISHA/ROURKELA	AMP WORKS		Both Main Bay should be available, atleast two dia
94	Tie Bay 702 of 765KV ,240MVAR BR-1 and 765/400KV,1500MVA ICT-1 at Sundargarh	11-Nov-20	9:00	11-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	AMP	NLDC	Both Main Bay should be available, atleast two dia
95	400 kV side Main bay of 400/220 kV ICT-2 (425) at Gaya	12-Nov-20	9:00	12-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
96	400 kV Bay No.- 411 (Tie Bay of 400 kV Kahalgaon-1 & ICT-III at Lakhisarai	12-Nov-20	10:00	12-Nov-20	14:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
97	Main Bay of 220kV Purnea- 2 (202- 52) at New Purnea S/s	12-Nov-20	10:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
98	Main bay of 400KV, 125 MVAR B/R-2 (bay 404) AT NEW RANCHI	12-Nov-20	9:00	12-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
99	Tie Bay of Sasaram1 and BR1 420 Bay at Biharsharif	12-Nov-20	10:00	12-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
100	400KV Tie bay Filter-1 & 2 at Alipurduar	12-Nov-20	8:00	12-Nov-20	18:00	ODB	POWERGRID, ER-II	Bay AMP Work		Both Main Bay should be available, atleast two dia

101	Tie Bay of ICT-I & 125MVar B/R (408 Bay) at Jeypore	12-Nov-20	9:00	12-Nov-20	17:00	ODB	ER-II/Odisha /Jeypore	For AMP Work of 408 Bay		Both Main Bay should be available, atleast two dia
102	400 kV Tie bay of 400/220 kV ICT-2 (426) and Karnpura-I at Gaya	13-Nov-20	9:00	13-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
103	Main Bay of 400kV Biharsariff- 2 (421-52) at New Purnea S/s	13-Nov-20	10:00	13-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
104	TIE bay of ICT 2 and Bus Reactor 3, 423 Bay at Biharsharif	13-Nov-20	10:00	13-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
105	400KV Main Bay of Sagardighi-Farakka-2 at Sagardighi	13-Nov-20	10:00	13-Nov-20	13:00	ODB	POWERGRID, ER-II	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
106	400KV Main Bay of Sagardighi-Jeerat-1 at Sagardighi	13-Nov-20	14:00	13-Nov-20	17:00	ODB	POWERGRID, ER-II	CT Oil Sampling		Both Main Bay should be available, atleast two dia
107	400KV Tie Bay of Bus Reactor-4 & ICT-3 at Durgapur	13-Nov-20	9:00	13-Nov-20	17:30	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia
108	400kV Jeypore-Indravati Main Bay (410 Bay) at Jeypore	13-Nov-20	9:00	13-Nov-20	17:00	ODB	ER-II/Odisha /Jeypore	For AMP Work of 410 Bay		Both Main Bay should be available, atleast two dia
109	435 Main bay of 765/400KV,1500MVA ICT-4(IV Side) at Sundargarh	13-Nov-20	9:00	13-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	One Yearly GIS AMP	NLDC	Both Main Bay should be available, atleast two dia should be complete
110	400 KV TIE BAY OF ICT-2 & BIHAR SHARIF#1 (CWD70Q50) at Pusauli	14-Nov-20	9:00	14-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
111	400KV CWD10Q50 Bay (Tie Bay of AC filter north side and Converter transformer north Side) at Pusauli	14-Nov-20	9:00	17-Nov-20	18:00	OCB	POWERGRID ER-I	Overhauling of CWD10Q50-Y phase Pole		Both Main Bay should be available, atleast two dia
112	Main Bay of Banka 1 428 Bay at Biharsharif SS	14-Nov-20	10:00	14-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia
113	400KV Main bay of Tala#2 at Binaguri	14-Nov-20	9:00	14-Nov-20	17:00	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia
114	400KV Tie Bay of Sagardighi-Jeerat-1 at Sagardighi	14-Nov-20	9:00	14-Nov-20	13:00	ODB	POWERGRID, ER-II	CT Oil Sampling		Both Main Bay should be available, atleast two dia
115	Main Bay 407 of 400KV Baripada-Duburi line at Baripada	14-Nov-20	9:00	15-Nov-20	17:00	OCB	ER-II/Odisha/BARIPADA S/c	Gasket replacement		Both Main Bay should be available, atleast two dia should be complete
116	Main Bay (406 BAY) of 125MVar B/R at Bolangir	14-Nov-20	9:00	14-Nov-20	17:00	ODB	ER-II/Odisha/Balangir	AMP for 406 52CB & 406 CT		Both Main Bay should be available, atleast two dia should be complete
117	Tie Bay of Indravati Line & Gazuwaka-I Line (411 Bay) at Jeypore	14-Nov-20	9:00	14-Nov-20	17:00	ODB	ER-II/Odisha /Jeypore	For AMP Work of 411 Bay		Both Main Bay should be available, atleast two dia should be complete
118	TIE Bay of Koderma 2 and ICT4 426 Bay at Biharsharif	15-Nov-20	12:00	15-Nov-20	20:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
119	Main Bay of 400kV Kishanganj-1 (407-52) at New Purnea S/s	16-Nov-20	9:00	16-Nov-20	12:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
120	Tie Bay of 400kV Kishanganj-1 & Muzaffarpur-2 (408-52) at New Purnea S/s	16-Nov-20	12:00	16-Nov-20	15:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
121	Main Bay of 400kV Muzaffarpur-2(409-52) at New Purnea S/s	16-Nov-20	15:00	16-Nov-20	18:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
122	Main Bay of Banka 2 at Biharsharif SS	16-Nov-20	13:00	16-Nov-20	21:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete

123	TIE Bay of Banka 2 and Banka 429 Bay at Biharsharif	16-Nov-20	13:00	16-Nov-20	21:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
124	Tie Bay (408) of 400 kV Baripada-Duburi & Baripada-Jamshedpur line at Baripada	16-Nov-20	9:00	17-Nov-20	17:00	OCB	ER-II/Odisha/BARIPADA S/s	Gasket replacement		Both Main Bay should be available, atleast two dia should be complete
125	Tie Bay (40506 Bay) of 125MVAR B/R at Bolangir	16-Nov-20	9:00	16-Nov-20	17:00	ODB	ER-II/Odisha/Balangir	AMP for 40506 52CB & 40506 CT		Both Main Bay should be available, atleast two dia should be complete
126	400KV ICT#2 Main Bay (403) at OHPC S/Y	16-Nov-20	8:00	16-Nov-20	17:00	ODB	ER-II/Odisha/Indravati	AMP works of 400KV ICT#2 Main Bay (403) at OHPC S/Y. During this shutdown Power flow from ICT#2 will be Interrupted. No Tie bay is in service at OHPC Yard		Both Main Bay should be available, atleast two dia should be complete
127	220KV ICT#2 Main Bay (205) at OHPC S/Y	16-Nov-20	8:00	16-Nov-20	17:00	ODB	ER-II/Odisha/Indravati	AMP works of 220KV ICT#2 Main Bay (205) at OHPC S/Y. During this shutdown Power flow from ICT#2 will be Interrupted. No Transfer Bay is in service at OHPC Yard		Both Main Bay should be available, atleast two dia should be complete
128	436 Main bay of 765/400KV,1500MVA ICT-3(IV Side) at Sundargarh	16-Nov-20	9:00	16-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	One Yearly GIS AMP	NLDC	Both Main Bay should be available, atleast two dia should be complete
129	400 kV Main Bay of 315 MVA ICT-III at Lakhisarai	17-Nov-20	9:30	17-Nov-20	17:30	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
130	220KV SIDE ICT-I BAY (205) AT RANCHI	17-Nov-20	9:00	17-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
131	Main Bay of 400kV Kishanganj-2 (410-52) at New Purnea S/s	17-Nov-20	12:00	16-Nov-20	15:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
132	Main Bay of 400kV Muzaffarpur-1(412-52) at New Purnea S/s	17-Nov-20	15:00	16-Nov-20	18:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
133	Tie bay of 400 KV Ranchi-3 line and 125 MVAR B/R-1 (bay 411) AT NEW RANCHI	17-Nov-20	9:00	17-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
134	TIE Bay of Koderma 1 and Future 435 Bay at Biharsharif	17-Nov-20	13:00	17-Nov-20	21:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
135	400KV Tie Bay of Binaguri-3 at Alipurduar	17-Nov-20	8:00	17-Nov-20	18:00	ODB	POWERGRID, ER-II	Bay AMP Work		Both Main Bay should be available, atleast two dia should be complete
136	400KV Tie bay of 125 MVAR Bus Reactor-3 & Future bay at Durgapur	17-Nov-20	9:00	17-Nov-20	17:30	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia should be complete
137	Main Bay (707) of 765KV ICT 2 at Angul	17-Nov-20	9:00	17-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP	NLDC	Main and Tie bay of dia element should be available, at least two dia should be complete
138	400 KV Rengali-Talcher # 2 Main Bay (Bay No-403) at Rengali	17-Nov-20	9:00	17-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP & Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia should be complete
139	437 Tie bay of 765/400KV,1500MVA ICT-4(IV Side) at Sundargarh	17-Nov-20	9:00	17-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	One Yearly GIS AMP	NLDC	Both Main Bay should be available, atleast two dia should be complete
140	703 Main bay of 765/400KV,1500MVA ICT-1 at Sundargarh	17-Nov-20	9:00	20-Nov-20	17:00	OCB	ER-II/Odisha/Sundargarh	SIEMENS Guide Valve Modification work by OEM Engineer	NLDC	Main and Tie bay of dia element should be available, at least two dia should be complete
141	400KV CWD50Q50 Bay (Tie Bay of Ac filter east side and Converter transformer East Side) at Pusaui	18-Nov-20	9:00	21-Nov-20	18:00	OCB	POWERGRID ER-I	Overhauling of CWD50Q50 R&Y-Phase Pole		Both Main Bay should be available, atleast two dia should be complete

142	TIE BAY OF RNC-3 & B/R- 2 (432) AT RANCHI	18-Nov-20	9:00	18-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
143	Tie Bay of 400kV Kishanganj-2 & Muzaffarpur-1 (411-52) at New Purnea S/s	18-Nov-20	9:00	16-Nov-20	12:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
144	Tie bay of Bsf-1 & Gokarna line (423-52) at New Purnea S/s	18-Nov-20	15:00	16-Nov-20	18:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
145	Main bay 400 KV Ranchi-4 line (Bay 415) AT NEW RANCHI	18-Nov-20	9:00	18-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
146	220 KV Bus Section bay at Subhasgram	18-Nov-20	9:00	18-Nov-20	17:30	ODB	POWERGRID, ER-II	CB spring mechanism overhauling		Both Main Bay should be available, atleast two dia should be complete
147	Main Bay (425) of 400KV JITPL LINE 2 at Angul	18-Nov-20	9:00	18-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP		Main and Tie bay of dia element should be available, at least two dia should be complete
148	Main Bay (410) of 400 kV Baripada-Pandiabili line at Baripada	18-Nov-20	9:00	19-Nov-20	17:00	OCB	ER-II/Odisha/BARIPADA S/S	Gasket replacement		Both Main Bay should be available, atleast two dia should be complete
149	400 KV Rengali- Indravati- BR # 1 Tie Bay (Bay No-411) at Rengali	18-Nov-20	9:00	18-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia should be complete
150	438 Main bay of 400KV Sundargarh-OPGC Ckt-2 at Sundargarh	18-Nov-20	9:00	18-Nov-20	17:00	ODB	ER-II/Odisha/Sundargarh	One Yearly GIS AMP		Main and Tie bay of dia element should be available, at least two dia should be complete
151	Main Bay of 400kV Malda-2 (413-52) at New Purnea S/s	19-Nov-20	9:00	16-Nov-20	12:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
152	Tie Bay of 400kV Malda-2 & Bus Reactor-1 (414-52) at New Purnea S/s	19-Nov-20	12:00	16-Nov-20	15:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
153	Main Bay of 400kV Bus Reactor-1 (415-52) at New Purnea S/s	19-Nov-20	15:00	16-Nov-20	18:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
154	Main bay of 400 KV New PPSP-1 line (Bay 419) AT NEW RANCHI	19-Nov-20	9:00	19-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
155	400KV Main bay of Farakka-I at Durgapur	19-Nov-20	9:00	19-Nov-20	17:30	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia should be complete
156	Tie Bay(426) of 400KV JITPL LINE 2 & GMR LINE 1 at Angul	19-Nov-20	9:00	19-Nov-20	14:00	ODB	ER-II/Odisha/Angul SS	AMP		Both Main Bay should be available, atleast two dia should be complete
157	220 KV Rengali-OPTCL # 1 Main Bay (Bay No-208) at Rengali	19-Nov-20	9:00	19-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP & Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia should be complete

158	Main Bay of 400kV Malda-1 (416-52) at New Purnea S/s	20-Nov-20	9:00	16-Nov-20	12:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
159	Tie Bay of 400kV Malda-1 & Bus Reactor-2 (417-52) at New Purnea S/s	20-Nov-20	12:00	16-Nov-20	15:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
160	Main Bay of 400kV Farakka (419-52) at New Purnea S/s	20-Nov-20	15:00	16-Nov-20	18:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
161	400KV Main Bay of Binaguri-3 at Alipurduar	20-Nov-20	8:00	20-Nov-20	18:00	ODB	POWERGRID, ER-II	Bay AMP Work		Both Main Bay should be available, atleast two dia should be complete
162	MainBay (428) of 400KV JITPL LINE 1at Angul	20-Nov-20	9:00	20-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP		Both Main Bay should be available, atleast two dia should be complete
163	Main Bay (720) of 765kV Angul_Sundargarh Ckt 4at Angul	20-Nov-20	9:00	24-Nov-20	17:00	OCB	ER-II/Odisha/Angul SS	SF6 Gas leakage rectification	NLDC	Both Main Bay should be available, atleast two dia should be complete
164	Tie Bay (411) of 400 kV Baripada-Pandiabili & Baripada-TISCO line at Baripada	20-Nov-20	9:00	21-Nov-20	17:00	OCB	ER-II/Odisha/BARIPADA S/S	Gasket replacement		Both Main Bay should be available, atleast two dia should be complete
165	Bay No 427L:-400 KV Rourkela-Sundargarh # 4 at Rourkela	20-Nov-20	9:00	20-Nov-20	13:00	ODB	ER-II/ODISHA/ROURKELA	AMP WORKS		Both Main Bay should be available, atleast two dia should be complete
166	Tie Bay(429) of 400KV JITPL LINE 1 & GMR LINE 2 at Angul	21-Nov-20	9:00	21-Nov-20	17:00	ODB	ER-II/Odisha/Angul SS	AMP		Both Main Bay should be available, atleast two dia should be complete
167	400 KV Rengali-Talcher # 1 Main Bay (Bay No-404) at Rengali	21-Nov-20	9:00	21-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For AMP & Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia should be complete
168	706 Main bay of 765/400KV,1500MVA ICT-2 at Sundargarh	21-Nov-20	9:00	24-Nov-20	17:00	OCB	ER-II/Odisha/Sundargarh	SIEMENS Guide Valve Modification work by OEM Engineer	NLDC	Main and Tie bay of dia element should be available, at least two dia should be complete
169	10452- 160MVA ICT II Bay at Baripada	22-Nov-20	9:00	22-Nov-20	17:00	ODB	ER-II/Odisha/BARIPADA S/S	AMP works		Both Main Bay should be available, atleast two dia should be complete
170	400 kV Main bay of North karanpura-Gaya-I (427) at Gaya	23-Nov-20	9:00	23-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
171	400 KV Tie bay of PSL-BSF#2 and BR-1 (CWD80Q50) at Pusauli	23-Nov-20	9:00	23-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
172	Main Bay of 400kV Gokarna (422-52) at New Purnea S/s	23-Nov-20	12:00	16-Nov-20	15:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete
173	Tie Bay of 400kV Farakka & Biharshariff-2 (420-52) at New Purnea S/s	23-Nov-20	15:00	16-Nov-20	18:00	ODB	POWERGRID ER-I	CT Oil Sampling		Both Main Bay should be available, atleast two dia should be complete

174	Tie bay of 765 KV,3 X 80 MVAR B/R-1 and Future (Bay 711) AT NEW RANCHI	23-Nov-20	9:00	24-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.	NLDC	Both Main Bay should be available, atleast two dia should be complete
175	400KV Tie bay of Bidhannagar-1 & ICT-1 at Durgapur	23-Nov-20	9:00	23-Nov-20	17:30	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia should be complete
176	Main bay (10152) of 132KV Baripada-Jaleswar Line at Baripada	23-Nov-20	9:00	23-Nov-20	17:00	ODB	ER-II/Odisha/BARIPADA S/S	AMP works		Both Main Bay should be available, atleast two dia should be complete
177	400 kV side Main bay of 400/220 kV ICT-3 (428) at Gaya	24-Nov-20	9:00	24-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
178	400 KV Main bay of 500 MVA ICT#2 (CWD70Q52) at Pusauli	24-Nov-20	9:00	24-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
179	400KV Tie bay Filter-3 & Bus Reactor-2 at Alipurduar	24-Nov-20	8:00	24-Nov-20	18:00	ODB	POWERGRID, ER-II	Bay AMP Work		Both Main Bay should be available, atleast two dia should be complete
180	400KV Main bay of 315 MVA ICT-1 at Durgapur	24-Nov-20	9:00	24-Nov-20	17:30	ODB	POWERGRID, ER-II	AMP works		Both Main Bay should be available, atleast two dia should be complete
181	400 kV Tie bay of 400/220 kV ICT-3 (429) and Karnpura-II at Gaya	25-Nov-20	9:00	25-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
182	400 KV Main bay of 500 MVA ICT#1 (CWD60Q52) at Pusauli	25-Nov-20	9:00	25-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
183	Tie bay of 765 KV Dharamjaygarh-2 line and Future (Bay 714) AT NEW RANCHI	25-Nov-20	9:00	26-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.	NLDC	Both Main Bay should be available, atleast two dia should be complete
184	Tie Bay (719) of 765kV Angul-Sundargarh Ckt 4 at Angul	25-Nov-20	9:00	30-Nov-20	17:00	OCB	ER-II/Odisha/Angul SS	SF6 Gas leakage rectification	NLDC	Both Main Bay should be available, atleast two dia should be complete
185	721 Main bay of 765KV Sundargarh-Dharamjaygarh ckt-1 at Sundargarh	25-Nov-20	9:00	28-Nov-20	17:00	OCB	ER-II/Odisha/Sundargarh	SIEMENS Guide Valve Modification work by OEM Engineer	NLDC	Main and Tie bay of dia element should be available, at least two dia should be complete
186	400 kV Main bay of North karnapura-Gaya-II (430) at Gaya	26-Nov-20	9:00	26-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
187	Main bay of Pusauli-Varanasi Line (CWD30Q52) at Pusauli	26-Nov-20	9:00	26-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
188	20852- 315MVA ICT I Bay at Baripada	26-Nov-20	9:00	26-Nov-20	17:00	ODB	ER-II/Odisha/BARIPADA S/S	AMP works		Both Main Bay should be available, atleast two dia should be complete
189	Transfer 220 kV side bay of 100 MVA 220/132 kV ICT 2 from Main Bay (207) to TBC bay (209) at Ara	27-Nov-20	9:00	27-Nov-20	17:30	ODB	POWERGRID ER1	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete

190	220 KV Main bay of 400/220kV ICT#2 at Pusauli	27-Nov-20	9:00	27-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
191	724 Main bay of 765KV Sundargarh-Dharamjaygarh ckt-2 at Sundargarh	27-Nov-20	9:00	30-Nov-20	17:00	OCB	ER-II/Odisha/Sundargarh	SIEMENS Guide Valve Modification work by OEM Engineer	NLDC	Main and Tie bay of dia element should be available, at least two dia should be complete
192	220 kV side Main bay of 400/220 kV ICT-2 (205) at Gaya	28-Nov-20	9:00	28-Nov-20	17:00	ODB	POWERGRID ER-1	For Annual Maintenance work. ICT-2 will remain in service through TBC bay.		Both Main Bay should be available, atleast two dia should be complete
193	400 KV RANCHI MAITHAN RB-I MAIN BAY (407) AT RANCHI	28-Nov-20	9:00	11-Nov-20	17:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
194	220 KV TBC Bay (Bay No-203) at Rengali	28-Nov-20	9:00	28-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia should be complete
195	406 Bay Main bay and Balia 1 at Biharsharif SS	29-Nov-20	10:00	29-Nov-20	18:00	OCB	POWERGRID ER-I	CB Overhauling		Both Main Bay should be available, atleast two dia should be complete
196	Main Bay of 400kV ICT-2 (403-52) at New Purnea S/s	30-Nov-20	10:00	30-Nov-20	18:00	ODB	POWERGRID ER-I	For Annual Maintenance work.		Both Main Bay should be available, atleast two dia should be complete
197	400 KV Rengali-Keonjhar Main Bay (Bay No-401) at Rengali	30-Nov-20	9:00	30-Nov-20	17:00	ODB	ER-II/Odisha/Rengali	For Isolator alignment work and interlock checking		Both Main Bay should be available, atleast two dia should be complete

ERLDC, KOLKATA											
ADDITIONAL AGENDA OF TRANSMISSION ELEMENTS OUTAGE APPROVED IN 172nd (Oct 2020) OCC MEETING OF ERPC											
		From		To							
Sl	NAME OF THE ELEMENTS	DATE	TIME	DATE	TIME	REMARKS	S.D availing agency	Reason	Remarks from Indenting Agencies	SUBJECT TO CONSENT FROM AGENCY	POST-MEETING COMMENTS
1	220 KV Chandil-Ranchi(PGCIL) Line	28-10-2020	08:00	28-10-2020	09:00	ODB	JUSNL	FOR FACILITATING THE S/D OF 100 MVA TRF. No. 1 FOR REPLACEMENT OF 220KV MAIN BUS ISOLATOR UNDER PSDF SCHEME AT CHANDIL GSS (DURING S/D OF TRF No.1 FROM 08:00HRS TO 18:00HRS, 220KV STPS FEEDER WILL BE CHARGED THROUGH BUS COUPLER)	POWER GRID ER-I & WB		
2	220 KV Chandil-Ranchi(PGCIL) Line	28-10-2020	17:00	28-10-2020	18:00	ODB	JUSNL	FOR FACILITATING THE S/D OF 100 MVA TRF. No. 1 FOR REPLACEMENT OF 220KV MAIN BUS ISOLATOR UNDER PSDF SCHEME AT CHANDIL GSS (DURING S/D OF TRF No.1 FROM 08:00HRS TO 18:00HRS, 220KV STPS FEEDER WILL BE CHARGED THROUGH BUS COUPLER)	POWER GRID ER-I & WB		
3	220 KV Chandil-Ranchi(PGCIL) Line	31-10-2020	08:00	31-10-2020	09:00	ODB	JUSNL	FOR FACILITATING THE S/D OF 100 MVA TRF. No. 2 FOR REPLACEMENT OF 220KV MAIN BUS ISOLATOR UNDER PSDF SCHEME AT CHANDIL GSS (DURING S/D OF TRF No.2 FROM 08:00HRS TO 18:00HRS, 220KV STPS FEEDER WILL BE CHARGED THROUGH BUS COUPLER)	POWER GRID ER-I & WB		
4	220 KV Chandil-Ranchi(PGCIL) Line	31-10-2020	17:00	31-10-2020	18:00	ODB	JUSNL	FOR FACILITATING THE S/D OF 100 MVA TRF. No. 2 FOR REPLACEMENT OF 220KV MAIN BUS ISOLATOR UNDER PSDF SCHEME AT CHANDIL GSS (DURING S/D OF TRF No.2 FROM 08:00HRS TO 18:00HRS, 220KV STPS FEEDER WILL BE CHARGED THROUGH BUS COUPLER)	POWER GRID ER-I & WB		
5	765KV-DHARAMJAYGARH-RANCHI-2	01-11-2020	07:00	12-11-2020	18:00	ODB	WR	For Tower Strengthening works		NLDC	
6	Arambag-KTPP 400 KV Ckt	03-11-2020	07:00	03-11-2020	15:00	ODB	WB	Tree Trimming			
7	400 KV Main Bus-I at KTPP	03-11-2020	08:00	03-11-2020	17:00	ODB	WB	Testing of CVT			
8	220KV S/C Ramchandarpur(RCP)-Joda T/L	03-11-2020	08:00	03-11-2020	17:00	ODB	JUSNL	STRENGTHENING OF JUMPER REPLACEMENT OF DAMAGED DISC INSULATOR UNDER PREVENTIVE MAINTENANCE	OPTCL	JUSNL	
9	Arambag- NewPPSP 400 KV Ckt 2	04-11-2020	07:00	04-11-2020	15:00	ODB	WB	Tree Trimming			
10	400 KV Main Bus-I at KTPP	04-11-2020	08:00	04-11-2020	17:00	ODB	WB	Testing of CVT			
11	220KV S/C Ramchandarpur(RCP)-Joda T/L	04-11-2020	09:00	04-11-2020	17:00	ODB	JUSNL	STRENGTHENING OF JUMPER REPLACEMENT OF DAMAGED DISC INSULATOR UNDER PREVENTIVE MAINTENANCE	OPTCL	JUSNL	
12	Arambag-BKTPP 400 KV Ckt	05-11-2020	07:00	05-11-2020	15:00	ODB	WB	Tree Trimming			
13	400 KV Main Bus-I at Bidhannagar	05-11-2020	07:00	05-11-2020	15:00	ODB	WB	Scissor replacement of MB I side pantograph isolator with trapezoidal hanger adj of pantograph iso. B-phase			220KV Waria-Bidhannagar-DC shall be opened.
14	400 KV bay of Durgapur (PGCIL) Ckt 1 (diversion through TBC) at Bidhannagar	05-11-2020	07:00	05-11-2020	15:00	ODB	WB	Scissor replacement of MB I side pantograph isolator with trapezoidal hanger adj of pantograph iso. B-phase			
15	Arambag- NewPPSP 400 KV Ckt 1	06-11-2020	07:00	06-11-2020	15:00	ODB	WB	Tree Trimming			
16	400 KV Main Bus-I at Bidhannagar	06-11-2020	07:00	06-11-2020	15:00	ODB	WB	MB I side isolator adjustment work (B-phase)			220KV Waria-Bidhannagar-DC shall be opened.
17	400 KV bay of New Chanditala Ckt (diversion through TBC) at Bidhannagar	06-11-2020	07:00	06-11-2020	15:00	ODB	WB	MB I side isolator adjustment work (B-phase)			
18	132KV S/C Kendposi-Joda T/L	06-11-2020	08:00	06-11-2020	17:00	ODB	JUSNL	STRENGTHENING OF JUMPER REPLACEMENT OF DAMAGED DISC INSULATOR UNDER PREVENTIVE MAINTENANCE	OPTCL	JUSNL	
19	Arambag-New Chanditala 400 KV Ckt	07-11-2020	07:00	07-11-2020	15:00	ODB	WB	Tree Trimming			
20	132KV S/C Kendposi-Joda T/L	07-11-2020	08:00	07-11-2020	17:00	ODB	JUSNL	STRENGTHENING OF JUMPER REPLACEMENT OF DAMAGED DISC INSULATOR UNDER PREVENTIVE MAINTENANCE	OPTCL	JUSNL	
21	315 MVA ICT-1 at Arambagh	09-11-2020	07:00	09-11-2020	15:00	ODB	WB	Routine maintenance			
22	132KV S/C Rajkharasawan(RKS)- Kendposi T/L	09-11-2020	08:00	09-11-2020	17:00	ODB	JUSNL	PREVENTIVE MAINTENANCE, DURING THIS PERIOD UPTO 40 MW POWER ASSISTANCE FROM JODA IS REQUIRED	OPTCL	JUSNL	
23	315 MVA ICT-2 at Arambagh	10-11-2020	07:00	10-11-2020	15:00	ODB	WB	Routine maintenance			
24	315 MVA IBT-1 at KTPP	10-11-2020	08:00	10-11-2020	17:00	ODB	WB	Testing of Transf & CT			
25	132KV S/C Rajkharasawan(RKS)- Kendposi T/L	10-11-2020	08:00	10-11-2020	17:00	ODB	JUSNL	STRENGTHENING OF JUMPER REPLACEMENT OF DAMAGED DISC INSULATOR UNDER PREVENTIVE MAINTENANCE	OPTCL	JUSNL	
26	315 MVA ICT-3 at Arambagh	11-11-2020	07:00	11-11-2020	15:00	ODB	WB	Routine maintenance			
27	315 MVA IBT-1 at KTPP	11-11-2020	08:00	11-11-2020	17:00	ODB	WB	Testing of Transf & CT			

28	400 KV PATNA-BARH-I AT NTPC BARH	11-11-2020	10:00	11-11-2020	13:00	ODB	POWERGRID ER I UNDER PILOT PROJECT OF RLDC	FOR INSTALLING MAIN SEM METER AND CHECK METER UNDER 5 MINUTE METERING TIME BLOCK			
29	315 MVA ICT-4 at Arambagh	12-11-2020	07:00	12-11-2020	15:00	ODB	WB	Routine maintenance			
30	315 MVA IBT-1 at KTPP	12-11-2020	08:00	12-11-2020	17:00	ODB	WB	Testing of Transf & CT			
31	400 KV PATNA-BARH-II AT NTPC BARH	12-11-2020	10:00	12-11-2020	13:00	ODB	POWERGRID ER I UNDER PILOT PROJECT OF RLDC	FOR INSTALLING MAIN SEM METER AND CHECK METER UNDER 5 MINUTE METERING TIME BLOCK			
32	400 KV PATNA-BARH-III AT NTPC BARH	13-11-2020	10:00	13-11-2020	13:00	ODB	POWERGRID ER I UNDER PILOT PROJECT OF RLDC	FOR INSTALLING MAIN SEM METER AND CHECK METER UNDER 5 MINUTE METERING TIME BLOCK			
33	400 KV PATNA-BARH-IV AT NTPC BARH	14-11-2020	10:00	14-11-2020	13:00	ODB	POWERGRID ER I UNDER PILOT PROJECT OF RLDC	FOR INSTALLING MAIN SEM METER AND CHECK METER UNDER 5 MINUTE METERING TIME BLOCK			
34	400 KV KAHALGAON-BARH-I	15-11-2020	10:00	15-11-2020	13:00	ODB	POWERGRID ER I UNDER PILOT PROJECT OF RLDC	FOR INSTALLING MAIN SEM METER AND CHECK METER UNDER 5 MINUTE METERING TIME BLOCK			
35	400 KV KAHALGAON-BARH-II	16-11-2020	10:00	16-11-2020	13:00	ODB	POWERGRID ER I UNDER PILOT PROJECT OF RLDC	FOR INSTALLING MAIN SEM METER AND CHECK METER UNDER 5 MINUTE METERING TIME BLOCK			
36	400 KV BARH-GORAKHPUR-I	17-11-2020	10:00	17-11-2020	13:00	ODB	POWERGRID ER I UNDER PILOT PROJECT OF RLDC	FOR INSTALLING MAIN SEM METER AND CHECK METER UNDER 5 MINUTE METERING TIME BLOCK		NLDC	
37	400 KV BARH-MOTIHARI-II	18-11-2020	10:00	18-11-2020	13:00	ODB	POWERGRID ER I UNDER PILOT PROJECT OF RLDC	FOR INSTALLING MAIN SEM METER AND CHECK METER UNDER 5 MINUTE METERING TIME BLOCK		BSEB	
38	765KV-DHARAMJAYGARH-RANCHI-1	18-11-2020	07:00	27-11-2020	18:00	ODB	WR	For Tower Strengthening works			
39	315 MVA IBT-2 at KTPP	19-11-2020	08:00	24-12-2020	17:00	OCB	WB	Erection & Commissioning of new/spare 105 MVA Y ph on the plinth of IBT-2 Y phase (CAPEX 2018-19 project). The transformer is already delivered at KTPP by M/S BHEL & BHEL will execute the Erec. & Comm. of the new Trf. by removing the old one.			
40	KTPP- Kharagpur 400 KV Ckt 1	19-11-2020	05:00	19-11-2020	14:00	ODB	WB	Rout clearance			
41	KTPP- Kharagpur 400 KV Ckt 1	20-11-2020	05:00	20-11-2020	14:00	ODB	WB	Rout clearance			
42	KTPP- Kharagpur 400 KV Ckt 2	23-11-2020	05:00	23-11-2020	14:00	ODB	WB	Rout clearance			
43	50 MVAR Bus Reacor at Arambagh	24-11-2020	07:00	24-11-2020	15:00	ODB	WB	Routine maintenance			
44	KTPP- New Chanditala 400 KV Ckt (Only charged line)	24-11-2020	08:00	24-11-2020	17:00	ODB	WB	Testing of CT & CVT			
45	KTPP- Kharagpur 400 KV Ckt 2	24-11-2020	05:00	24-11-2020	14:00	ODB	WB	Rout clearance			
46	125 MVAR Bus Reacor at Arambagh	25-11-2020	07:00	25-11-2020	15:00	ODB	WB	Routine maintenance			
47	KTPP- Arambagh 400 KV Ckt	26-11-2020	05:00	26-11-2020	14:00	ODB	WB	Rout clearance			
48	KTPP- Arambagh 400 KV Ckt	27-11-2020	05:00	27-11-2020	14:00	ODB	WB	Rout clearance			
49	Kharagpur- New Chanditala 400 KV Ckt 1	29-11-2020	06:00	29-11-2020	16:00	ODB	WB	Rout clearance			
50	Kharagpur- New Chanditala 400 KV Ckt 2	30-11-2020	06:00	30-11-2020	16:00	ODB	WB	Rout clearance			