



भारत सरकार Government of India विद्युत मंत्रालय Ministry of Power उत्तर पूर्वी क्षेत्रीय विद्युत समिति

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SPEED POST/FAX

North Eastern Regional Power Committee

एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय NERPC Complex, Dong Parmaw, Lapalang, Shillong - 793006, Meghalaya

No.: No. NERPC/SE (O)/OCC/2021/9994-10033 February 03, 2023

To As per list attached

Sub: Minutes of 198th OCC Meeting.

Sir/Madam,

Please find enclosed herewith the minutes of the 198th OCC Meeting held at "NERPC Conference Hall" Shillong on 24th January, 2023 for your kind information and necessary action. The minutes is also available on the website of NERPC, www.nerpc.gov.in.

Any comments/observations may kindly be communicated to NERPC Secretariat at the earliest.

Encl: As above

(एस. एम. आइमोल / S. M. Aimol)

निदेशक / Director

Distribution List:

- 1. Managing Director, AEGCL, Bijuli Bhawan, Guwahati 781 001
- 2. Managing Director, APGCL, Bijuli Bhawan, Guwahati 781 001
- 3. Managing Director, APDCL, Bijuli Bhawan, Guwahati 781 001
- 4. Managing Director, MSPCL, Electricity Complex, Keishampat, Imphal 795 001
- 5. Managing Director, MSPDCL, Secure Office Bldg. Complex, South Block, Imphal 795 001
- 6. Director (Transmission), MePTCL, Lumjingshai, Short Round Road, Shillong 793 001
- 7. Director (Generation), MePGCL, Lumjingshai, Short Round Road, Shillong 793 001
- 8. Director (Distribution), MePDCL, Lumjingshai, Short Round Road, Shillong 793 001
- 9. Director (Tech.), TSECL, Banamalipur, Agartala -799 001.
- 10. Director (Generation), TPGCL, Banamalipur, Agartala -799 001.
- 11. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar-791111
- 12. Chief Engineer (TP&MZ), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791111
- 13. Chief Engineer (Commercial) -cum- CEI, DoP, Govt. of Arunachal Pradesh, Itanagar- 791111
- 14. Engineer-in-Chief, P&E Department, Govt. of Mizoram, Aizawl 796 001
- 15. Engineer-in-Chief, Department of Power, Govt. of Nagaland, Kohima 797 001
- 16. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
- 17. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
- 18. Group GM, NTPC, Bongaigoan Thermal Power Project, P.O. Salakati, Kokrajhar-783369
- 19. Vice President (Plant), OTPC, Badarghat Complex, Agartala, Tripura 799014
- 20. ED, PGCIL/NERTS, Dongtieh-Lower Nongrah, Lapalang, Shillong -793 006
- 21. AGM (BD), NVVN, Core 5, 3rd floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
- 22. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi 110066
- 23. Dy. COO, CTUIL, "Saudamini", 1st Floor, Plot No. 2, Sector-29, Gurugram, Haryana 122001
- 24. Chief Engineer, GM Division, Central Electricity Authority, New Delhi 110066
- 25. Chief Engineer, NPC Division, Central Electricity Authority, New Delhi 110066
- 26. Head & VP, (R&C), ENICL, IndiGrid, Windsor Building, Kalina, Santacruz (East), Mumbai- 98
- 27. ED, NERLDC, Dongtieh, Lower Nongrah, Lapalang, Shillong -793 006
- 28. CGM, AEGCL, Bijuli Bhawan, Guwahati 781001
- 29. CGM, APGCL, Bijuli Bhawan, Guwahati 781001
- 30. CGM, DISCOM, Bijuli Bhawan, Guwahati 781001
- 31. Head of SLDC, Dept. of Power, Govt. of Arunachal Pradesh, Itanagar 791111
- 32. CGM, (LDC), SLDC Complex, AEGCL, Kahilipara, Guwahati-781 019
- 33. Head of SLDC, MSPCL, Imphal 795001
- 34. Head of SLDC, MePTCL, Lumjingshai, Short Round Road, Shillong 793 001
- 35. Head of SLDC, P&E Deptt. Govt. of Mizoram, Aizawl 796 001
- 36. Head of SLDC, Dept. of Power, Govt. of Nagaland, Dimapur 797103
- 37. Head of SLDC, TSECL, Agartala 799001
- 38. Chief Engineer (Elect), Loktak HEP, Vidyut Vihar, Kom Keirap, Manipur- 795124
- 39. DGM (O&M), OTPC, Badarghat Complex, Agartala, Tripura 799014
- 40. Director, NETC, 2C, 3rdFloor, D21Corporate Park, DMRC Building Sector 21, Dwarka, Delhi-77.

(एस. एम. आइमोल / S. M. Aimol)

निदेशक / Director



Minutes of the 198th OCC Meeting



Govt. of India
Ministry of Power
North Eastern Regional Power Committee
Shillong

North Eastern Regional Power Committee Minutes of the

198th Operation Co-ordination Sub-Committee Meeting (OCCM)

Time of meeting : 10:00 Hrs.

Date of meeting : 24-01-2023 (Tuesday)

Venue : "NERPC Conference Hall, Shillong"

The list of participants is attached at **Annexure-I**.

At the outset, Shri S. M. Aimol, Director, NERPC welcomed all the participants and introduced the new Member Secretary, Shri K. B. Jagtap, who had joined as Member Secretary, NERPC on 23rd January 2023. He then requested Shri K. B. Jagtap, Member Secretary, NERPC to give his opening remarks.

Shri K. B. Jagtap, MS extended warm welcome to all members and expressed gratitude for participating in large numbers in his first OCC meeting of NERPC. In his brief opening remarks, he mentioned that NE region is given special attention by the central government for development of the region including power sector. He appreciated the cooperation and coordinated efforts of all the constituents towards improvement of power sector in NER. He further stated that Kopili & Khandong HEP restoration is closely monitored by the CEA & Ministry of Power and all efforts should be made for early restoration of the plants. He also requested POWERGRID to expedite for early restoration of 132 kV Jiribam- Haflong transmission line so as to provide some relief to the critical situation in Haflong areas of Assam and Meghalaya power system.

After this, the agenda items were taken up discussion.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 197thMEETING OF OPERATION SUB-COMMITTEE OF NERPC.

The minutes of 197th meeting of Operation Sub-committee held on 16th December 2022 in Guwahati were circulated vide letter No. NERPC/SE (O)/OCC/2021/1289-1325 dated 28th December, 2022.

No comments/observations were received from the constituents.

The Sub-committee confirmed the minutes of 197th OCCM of NERPC.

B. FOLLOW UP AGENDA ITEMS

B.1. Operational Performance and Grid discipline during December, 2022:

NERLDC presented the Operational Performance and Grid Discipline for the month of November 2022 (Attached at **Annexure B.1)**.

B.2. Generation Planning (ongoing and planned outages)

a. Present per day MU and projected number of days of operation.

Plants	Reservoir level in meter (as on 14/12/2022)	MU content	Present DC (in MU)	No of days as per current generation
Khandong + Kopili stg II	Under outage and restoration process going on	Under outage and restoration process going on	0	Will be "0" until further intimation.
Kopili	Under outage and restoration process going on	Under outage and restoration process going on	0	Will be "0" until further intimation.
Doyang	317.41	18	0.189	95
Loktak	766.63	16.3	0.6125	27

b. The outage of other generating stations may be approved considering the present water levels in reservoirs and long-term outage of Kopili HEP.

Deliberation of the sub-committee

The shutdown/outage proposals were discussed and after detailed deliberation the forum approved the outage of generating stations for the month of February 2023 (as attached at **Annexure-B.3**).

The shutdown proposal in respect of BgTPP of NTPC was not approved due to lean hydro season. The forum agreed to consider shutdown of BgTPP after sufficient hydro power is available, likely from May/June 2023.

The sub-committee noted as above.

B.3. <u>Outage Planning Transmission elements</u>

It was agreed in the 99th OCC meeting that shutdown will be availed only after approval is given by the OCC forum. It was also agreed that deferment/revision of outages elements other than already approved in OCC will be henceforth put/displayed in the website of NERPC (under Operational Activities/OCC Approved shutdown) as per CERC regulations/ CEA guidelines etc for ensuring smooth & secure grid operation.

Furnishing request of shut down of the element, which was approved by NERPC, by Indenting Agency (ISTS licensees/STUs/Generating Companies) to NERLDC: Planned shutdown approved by NERPC shall be considered for implementation by NERLDC on D-3 basis. If an outage is to be availed on say 10th of the month, the shutdown availing agency would reconfirm to NERLDC on 7th of the month by 10:00 Hr. This practice is necessary to ensure optimal capacity utilization and the time required for associated system study/coordination by/amongst RLDC/NLDC.

It was decided in the previous OCCM that shutdown would be granted from the 1^{st} day of the following calendar month to the $30^{th}/31^{st}$ day of the same month.

Deliberation of the sub-committee

After detailed deliberation the forum approved the shutdown of transmission elements

for February 2023 (attached at Annexure-B.3).

The sub-committee noted as above.

B.4. <u>Estimated Transmission Availability Certificate (TAC) for the month of November</u>, 2022:

Transmission Utilities have submitted the outage data for the month of November, 2022. The attributability of outage of the said elements have been finalized by NERLDC & NERPC. The Availability percentage of the transmission elements of ISTS licensees for the month of November, 2022 is as given below:

SN	ISTS Licensee	Availability for Nov'22 (%)
1	NETC	100.0000
2	KMTL	99.9618
3	NER-II TL	99.8822
4	PGCIL	99.9418 (Oct)/99.7689 (Nov)

The sub-committee noted as above

B.5. Mock Black Start Exercise:

The previous mock black start & restoration exercise has been conducted at various generating stations in NER on the dates mentioned in the following table:

As per regulation 5.8 (b) of IEGC, mock black start shall be carried out by Users/CTU/STUs at-least once in 6 months.

Minutes of Meeting of 198th OCC Meeting held on 24th January 2023 Status as updated in the 197th OCCM:

Plant Name	Performed On	Due Date	Schedule of Testing as per 197 th OCCM
AGBPP			after upgradation of DG under R&M
AGTTCCPP	09.04.2019	09.10.2019	Dec'22*
PareHEP	25.01.2020	25.07.2020	To be done in lean hydro season
Kopili HEP	10.05.2019	NA	NA
Kameng HEP			In Lean Hydro season
Doyang HEP	-	-	Completed on 21st Oct'22
KopiliStg-II	-	-	Under prolonged shutdown
RHEP	-	1	Done on 28 th Nov'22

^{*}DGM, SLDC TSECL updated that synchronization trolley is installed at 79 Tilla on 16th Nov'22. Consequently, ED NEEPCO stated that R&M activities at AGTCCPP are over and would come up with a suitable date later for the exercise in consultation with NERLDC.

Deliberation of the sub-committee

Status as updated in the 198th OCCM:

Plant Name	Performed On	Due Date	Schedule of Testing as per 198th OCCM
AGBPP			after upgradation of DG under R&M
AGTTCCPP	09.04.2019	09.10.2019	To be done on 27 th Jan'23
PareHEP	25.01.2020	25.07.2020	1st week of Feb'23*
Kopili HEP	10.05.2019	NA	NA
Kameng HEP			In Lean Hydro season**
Doyang HEP	-	-	Completed on 21st Oct'22
KopiliStg-II	-	-	Under prolonged shutdown
RHEP	-	1	Done on 28 th Nov'22

^{*}Regarding Pare HEP, GM, NEEPCO intimated that the MBS exercise was attempted last year but was unsuccessful due to faulty auto synchronizing circuit at Ranganadi, for rectification of which M/s GE has already been consulted. As an alternative, NEEPCO suggested to synchronize Pare HEP from Chimpu end and added that it was done successfully in the past also. Arunachal Pradesh agreed to the proposal. NERLDC will study the feasibility and finalize the same. The forum

Minutes of Meeting of 198th OCC Meeting held on 24th January 2023 requested NEEPCO to conduct the exercise before taking shutdown of one unit of Pare HEP which is from 2nd February 2023.

**Regarding Kameng HEP, NEEPCO highlighted the high requirement of MVAR for charging the 400kV Balipara-Kameng D/C. For addressing the issue, the OEM of the Generator, BHEL has been consulted but still not able to resolve.

Member Secretary NERPC requested NEEPCO to resolve the issues at the earliest and stated that, if necessary, NERPC will write to BHEL for expediting the same.

Sub-committee noted as above

Action: NEEPCO

B.6. Status of ADMS:

Status for Automatic Demand Management Scheme in 7 states of NER. The SLDCs informed the latest status as follows:

Name of the utility	SAT Completion	DoCO
DoP Ar. Pradesh	27-01-2021	Enabled & in-operation
AEGCL/APDCL	07-12-2020	Enabled & in-operation
MSPCL	24-11-2020	Enabled & in-operation
MePTCL/MePDCL	31-08-2020	Enabled & in-operation
P&ED Mizoram	22-02-2021	Enabled & in-operation
DoP Nagaland	17-11-2020	To be enabled after stability of ICCP
		link
TSECL	24-12-2020	To be enabled by Oct'22

As updated in the 197th OCCM:

- 1. **SLDC TSECL** reiterated that ADMS at Takerjhala, Bishalgarh and Badarpur can be enabled only after the completion of works by NERPSIP.
- 2. **Proposed New Logic as per New DSM Regulations**: The proposed changes in tripping logic, in line with new DSM regulation, is as follows-
- a. For scheduled drawl<400MW, tripping should occur when deviation > min [40MW, 20% of schedule] OR if frequency <49.85 and drawl> schedule
- b. For scheduled drawl>400MW, tripping should occur when deviation > min [100MW, 10% of schedule] OR if frequency <49.85 and drawl> schedule

The forum requested all the SLDCs to implement the revised logic as per new DSM regulation at the earliest.

Deliberation of the sub-committee

1. DoP Nagaland updated that the issue related to link between ICCP server and ADMS server has been resolved on 17th September 2022 and the same has been commissioned on 7th October 2022. In case of Tripura, TSECL reiterated that ADMS

Minutes of Meeting of 198th OCC Meeting held on 24th January 2023 at Takerjhala, Bishalgarh and Badarpur can be enabled only after the completion of works by NERPSIP.

- 2. Regarding revision of tripping Logic-
- Assam updated that APDCL would be asked to complete the work before the next OCCM
- Similarly, Arunachal Pradesh and Meghalaya intimated that revised logic will be incorporated before next OCCM.
- Mizoram updated that the new logic has been implemented. The forum appreciated Mizoram for the same.
- SLDC, Nagaland stated that in current scheme, tripping logic is set at 10% of schedule, and the new logic will be implemented soon.
- Manipur and Tripura stated that the new logic will be implemented shortly.

Sub-committee noted as above

Action: all state SLDCs

B.7. Violation of state wise TTC/ATC:

As per POSOCO KPI, NERLDC has to report the violation of import TTC/ATC of NER states in daily, weekly and monthly basis. It has been observed that most of the NER states are not N-1 secure causing violation of TTC/ATC limit although the actual drawl remains within the schedule values. Violation has been observed in case of Assam, Meghalaya, and Tripura states.

The TTC/ATC calculation of States done by NERLDC is as follows:

State	Time	N-1 considered	Limiting element	TTC	RM	ATC
	Period					
Arunachal	Off-Peak	132kV Lekhi –	132 kV Pare –	195	5	180
Pradesh	Peak	Pare	Itanagar S/C	195	5	180
Assam	Off-Peak	220kV Misa-Samaguri I or	220 kV Balipara-Sonabil	1730	40	1690
	Peak	Ш		1600	40	1690
Manipur	Off-Peak	132kV Imphal MA-	132 kV Imphal	320	5	315
	Peak	Imphal PG Ckt I	(MA)-Imphal (PG) II & III	320	5	315
Meghalaya	Off-Peak	132 kV Umiam3 – Umiam ²	132 kV Umiam-Umiam	340	10	330
	Peak		Umiam 1 II	260	10	250
Mizoram	Off-Peak	132 kV Melriat-Silchar I	132 kV Aizawl-Luangmual	160	5	155
	Peak	ORII	S/C	155	5	150
Nagaland	Off-Peak	220/132 kV ,100	220/132 kV ,30	255	5	245
	Peak	MVA Dimapur ICT	MVA Mokokchung ICTs	290	5	285
Tripura	Off-Peak	132 kV SM Nagar(ISTS)	132 kV SM-Nagar (TR) –	340	6	334
	Peak	Budhjungnagar S/C	SM Nagar (ISTS) S/C	315	6	304

In previous OCC meeting(s) it was decided that in the event of any major shutdown(approved/emergency) the state periphery ATC/TTC shall be calculated by respective SLDC and communicated to NERLDC.

As agreed in previous OCCMs, all the states are requested to provide the respective ATC/TTC to NERLDC on monthly basis.

Deliberation of the sub-committee

NERLDC updated that SLDCs of Meghalaya, Assam, Nagaland and Manipur are submitting the ATC/TTC report regularly. Member Secretary requested other SLDCs also to furnish the same.

Sub-committee noted as above

Action: all state SLDCs

B.8. <u>Issues pertaining to Kopili & Khandong.</u>

A. <u>Load restriction in Meghalaya Power System due to planned outage of Khandong HEP & Kopili Stg-II:</u>

The planned shutdown of Khandong HEP and Kopili Stage II has been approved from 10.01.2022 to 09.05.2022 in the 185thOCCMfor the following activities:

- a. Inspection and repairing of Khandong Head Race Tunnel, Trash Rack Gate, Intake Gate, Surge Shaft Gates, Steel Liner of HRT etc.
- b. Acid Proof Coating of Stage-II Penstock
- c. Installation and commissioning of Penstock Protection BFV System of Khandong
- d. Annual Planned Maintenance of Khandong Unit# I & II.

Decisions as per previous meetings: (i) Meghalaya System shall be operated by opening of 132kV Mawngap-Nongstoin T/L right from the start of Khandong HEP shutdown. (ii) In normal circumstances no load shedding is required and Meghalaya can continue to cater full demand based on present generation scenario. (iii) In event of tripping of any one circuit of 132kV UmiamStg-I to UmiamStg-III D/C SLDC Meghalaya shall swiftly shed load till loading of 132kV UmiamStg-I to UmiamStg-III S/C is within limit and also increase generation from UmiamStg-I HEP and Leshka HEP. (iv) based on Real Time Condition Mawphlang may be shifted to be fed from Agia side after concurrence of NERLDC, (v) Early restoration of Misa-KopiIi-Khandong link by NERTS/NEEPCO.

B. <u>Station supply at Khandong and Kopili Power Station:</u>

Following the discussions in the 189th OCC and in the special meeting held on 27.04.2022 in presence of representatives from NERPC, NERLDC, NEEPCO, NERTS

Minutes of Meeting of 198th OCC Meeting held on 24th January 2023 and AEGCL, Khliehriat – Khandong – Umrangshu link was charged as an interim special arrangement.

- 1. As agreed in the special meeting, AEGCL was requested to extend the PLCC system from Umrangshu to Haflong by 15th May 2022.
- 2. Since all the CRPs at Khandong Control room are under debris now and it is doubtful for revival of the same, NEEPCO is planning to arrange following CRPs and 220V DC source to charge the Khandong bus radially from Umrongso Sub-station only.

It may kindly be noted that due to Khandong incident, the construction restoration activities of 4x50MW Kopili P.S, 2x25MW Khandong and 1x25MW Kopili Stage-II is badly hampered. Whatever activities are being carried out is based on DG Power only which is not the solution and progress of work has been severely hit.

As a stop gap arrangement following CRPs and 220V DC source shall be arranged by NEEPCO at the earliest.

- 132KV Umrongso bay 1 No.
- 132/33KV 7.5MVA & 3MVA 2 Nos.
- 33/0.4KV SAT 1MVA 2 Nos.
- 33KV Umrongso line 1 No.
- 33KV Kopili line 1 No.
- 3. As discussed in 192nd OCC, NEEPCO has sent consent letter for becoming Bulk power consumer of APDCL for the consumption of construction power for restoration works of KhandongHEP.Further NEEPCO shall be sending weekly SEM reading to Assam/NERLDC. Also, NEEPCO requested for installation of 2 nos SEMs at the earliest so that restoration works can be started.
- 4. In 193rd OCC, GM, NEEPCO proposed space for 2 CRP in old kiosk room near Khandong stage 1 to PGCIL for Panel installation for 132kV Khliehriat-Khandong 2 line and 132kV Khandong-Kopili line 2.
- 5. In 194th OCC, GM, NEEPCO informed the forum that for drawing of construction power from 132kV Bus at Khandong via the two 132/33kV Transformers CRPs are at site but 220V DC battery bank is unavailable, for which order has been placed and will be supplied by Sep'22. Thereafter, drawing of power from the Grid shall commence by 1st week of October'2022. Regarding Panel installation for 132kV Khliehriat-Khandong 2 line and 132kV Khandong Kopili 2, NERTS assured the forum to complete the work before Feb'23.

C. Recommissioning of 1X25 MW Khandong Stage-II plant

NEEPCO is planning to re-commission and synchronize 1X25MW Khandong Stage-II unit within this current financial year. Since all the Control & relay panels are submerged and damaged beyond repair during the inundation on 26.03.2022, for successful commissioning and evacuation of the generated power, the Khandong Switch Yard has to be adequately restored within February – 2023.

Present Status:

- 1. One CRP for Khandong-Umrongso feeder at Khandong end is procured and expected to commissioned by NEEPCO before February 2022.
- 2. One Temporary KIOSK rom has been identified and Cable trenches are under Construction and, cables are being re-routed.

Status of action being taken by NERTS, POWERGRID:

- 1. The matter for availability one more 132KV line from Khandong SY to Khlehiriat (PG) Sub-Station was discussed in the last OCC meetings, the availability of towers nearby Khandong Power Stations/new arrangement may be intimated to NEEPCO.
- 2. For the above, NERTS, POWERGRID was requested to install 1(one) BCU based CRP Febreuary-2023. Status of the same may kindly be shared with NEEPCO.
- 3. NERTS, POWERGRID was requested to ensure the installation of PLCC panel for Khandong Khliehriat line alongwith FOTE panels for digital and analog data/voice, protection and communication to NERLDC before synchronization of the Khandong Stage-II.

Status of action taken by AEGCL:

1. AEGCL was requested to provide a PLCC Panel for Khandong-Umrongso line and NEEPCO was to provide the 48V battery bank with charger for PLCC. Status of the same may please be intimated to NEEPO.

In the 196th 197th OCCMs, following points were discussed-

1. Regarding power supply to Meghalaya Power system

- Meghalaya Power system to operate in bifurcation mode (132kV Mawngap-Nongstoin T/L shall be opened and Nongstoin, Nangalbibra, Tura and Ampati to be fed from Agia) with installation of 20MVAR capacitor banks at 132/33kV NEHU SS till the reconductoring if Umiam stgl-stglII DC reconductoring work is done. After the reconductoring, It will shift to closed loop mode wherein maximum of 380MW maximum demand can be met with 107 MW Meghalaya internal generation.
- Early restoration of 132kV Jiribam –Haflong line (out due to Line diversion work by NHIDCL NH48 / replacement of tower due to landslides in road widening

area) which will improve the ATC/TTC of Meghalaya State. NERTS informed the forum that the PGCIL updated that National wildlife Board meeting for forest clearance is scheduled in Dec'22, line will be restored soon after obtaining the forest clearance

• Early commissioning of 220kV Mawngap-Killing line. NERPSIP updated that RoW issue is still unresolved and the matter is being discussed with the state government.

2. Kopili Related activities

48V DC supply for PLCC panels is being undertaken by NEEPCO. PGCIL provided the load requirement of 20A max. Regarding 48V DC supply for PLCC panels, AEGCL stated that order is being processed.

3. Khandong S/y related activities

AEGCL asked PGCIL to undertake the transportation of 2CRPs at Srikona SS to Khandong Switchyard for 132kV Kopili-Khandong#2 & 132kV Khandong-Khliehriat#2 Lines. PGCIL updated that relay replacement works in the CRPs is underway, transportation will be done thereafter.

Deliberation of the sub-committee

A. Load Restriction in Meghalaya Power system:

i Regarding Jiribam-Haflong line, DGM (AM), PGCIL intimated that the meeting of National Board for Wildlife on the issue had taken place on 29th December 2022 and the minutes of the meeting is likely to be issued in the first week of February 2023, after which Level 1 clearance will be provided to PGCIL

ii Regarding reconductoring of Umiam sgt I- stg III D/C, status is shown in item C.12.

iii Regarding commissioning of Mawngap-Killing line, Manager (NERPSIP), PGCIL stated that the status is same as in previous OCCM.

B. Recommissioning of 1x25 MW Khandong stg II

i AEGCL updated that PLCC panel for Khandong-Umrangshu line will be provided by 15th Feb 2023.

ii GM, NEEPCO updated the recommissioning dates of plants as follow-

Sr. No.	Stations	Expected Revival Date
a.	Kopili 2 units (2x50)	May'23
b.	Kopili other 2 units (2x50)	May'25
C.	Khandong units 1 and 2 (2x25)	May'25
d.	Khandong stg II (1x25)	March'23

iii GM, NEEPCO informed that for reliable evacuation of Khandong stg 2, any of the

Khandong-Khleihriat ckt1 or ckt 2 along with 132kV Khandong-Umrangshu line

(with full protection system) is required. And for evacuation of 2 units of Kopili, either

220kV Misa-Kopili D/C or Kopili-Khandong D/C is required.

iv PGCIL intimated the forum that restoration of Koipili-Khandong D/C will take

longer period, so reliable evacuation could take place through Misa-Kopili D/C

provided NEEPCO completes its Switchyard and Bay revival works at Kopili

substation on time.

C. Regarding restoration works at Khandong switchyard, NEEPCO informed that

the Kiosk room will be ready by Feb'23 and about placing the CRPs in the Kiosk

room, PGCIL updated that the required CRPs are to be transferred from Srikona

substation, which will be done after incorporating following modifications in the CRP:

Operating voltage from 110volts to 220volts

Main and Transfer Bus scheme (MT) to Double main and Transfer Bus

Scheme.

Regarding complete restoration of Khandong-Khleihriat D/C, DGM, PGCIL updated

that the line side work (which involves erection of two D/C towers) will be completed

by 15th March'23 and Switchyard side work will be completed by end of March'23.

Member secretary, NERPC requested PGCIL and NEEPCO to ensure availability of

evacuating lines and bays before recommissioning schedule of Khandong stg II.

Sub-committee noted as above

Action: NEEPCO, NERTS

B.9. Implementation of Guwahati Islanding Scheme:

In the 190th OCCM, DD, NERPC stated that in the Special Meeting on 13th May'22 it

was decided that dedicated fiber is required in order to ensure Cyber Security.

AEGCL intimated that Dedicated Fiber is available in the link SLDC - Sarusajai -

Mirza – Boko – Agia – BTPS – BgTPP and offered the same for the Islanding Scheme.

The forum requested NERTS to explore the availability of dedicated fiber. Member

Secretary, NERPC stated that after budgetary offer is received from at least two

vendors the DPR will be finalized.

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In 195th OCC, Member Secretary, NERPC informed the forum that the budgetary offer from M/s GE has been received. He added that the DPR for the Guwahati Islanding Scheme shall be finalized by Oct, 2022. In 196th OCCM, Member Secretary NERPC updated that the finalized DPR was discussed in 23rd NERPC meeting and issue of high cost was flagged. So, re estimation of project cost will be done at the earliest. In the last OCCM, Member secretary NERPC urged AEGCL to re-examine the cost estimates in the DPR and after detail studies, the same will be discussed in the next meeting with the CEA.

Deliberation of the sub-committee

AEGCL was requested to re-examine the cost estimates in the DPR and intimate the subcommittee.

Sub-committee noted as above

Action: AEGCL

B.10. <u>Furnishing details of upgraded UFR settings along with list of feeders and quantum of load:</u>

Status as updated in the 197th OCC meeting

Name of the state/utility	Submission of revised UFR list	Implementation of revised settings	Status of mapping
		Stg-1 (49.4Hz) implementation in	
Ar. Pradesh	Submitted	new feeders. UFR to be procured	LoA to M/s
		by July'22, implementation to be	GE*
		done by Mar'23**	
		Installation Completed. UFR to	
Assam	Submitted	be shifted to Samaguri for 132kV	
		Khaloigaon-Samaguri line.	Done
		No extra shedding required only	
Manipur	Not our broitted	Stage upward revision to be	To be done
Iviarripar	Not submitted	done. ADMS and UFR feeder	TO be done
		segregation to be done for Stage-I	
			One feeder of
Moghalaya	Submitted	17 out of 17 feeders completed.	Stage IV left
Meghalaya	Judimitted	Forum requested to share the	for mapping
		points with RLDC SCADA	Other stages

	J	170 000 Mooting Hold on 21 Sandary 2020	
			completed.
			By Dec'22
Mizoram	To be		subject to
IVIIZOLATI	submitted	Completed	resolving of
		Completed	SCADA issues
Nagaland	Submitted	Completed	Completed**
Tripura	Submitted	Stage-1(49.4Hz), Stage-2 (49.2Hz), Stage-3(49Hz) require installation of UFR. – Delivery at site bySep22 and installation by Oct'22	Jan'23

^{*}EE, SLDC, DoP Arunachal Pradesh intimated the forum that mapping is pending as repeated communication with M/s GE is going unanswered. The forum requested the intervention of NERTS so that work is completed by GE at the earliest. CGM(AM), NERTS assured that POWERGRID will follow up the matter with M/s GE.

Deliberation of the sub-committee

Status as updated in the 198th OCC meeting:

Name of the state/utility	Submission of revised UFR list	Implementation of revised settings	Status of mapping
		Stg-1 (49.4Hz) implementation in	Coordination
Ar. Pradesh	Submitted	new feeders. UFR to be procured	with M/S GE
		by July'22, implementation to be	is ongoing,
		done by Mar'23	tentative
			completion by
			March'23
		Installation Completed. UFR to	
Assam	Submitted	be shifted to Samaguri for 132kV	
		Khaloigaon-Samaguri line.	Done
Manipur	Not submitted	No extra shedding required only	To be done

^{**} Nagaland updated that mapping work is completed and as per the direction of 196th OCC forum, Stage-I of UFR has been segregated from ADMS scheme by shifting the stage-I of UFR to 66kV Ganeshnagar feeder at Dimapur (Nagaland) S/s.

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		Stage upward revision to be		
		done. ADMS and UFR feeder		
		segregation to be done for Stage-I		
		by next OCCM		
			Done	
Moghalaya	Submitted	17 out of 17 feeders completed.		
Meghalaya	Submitted	Forum requested to share the		
		points with RLDC SCADA		
	To be		Done	
Mizoram				
	submitted	Completed		
Nagaland	Submitted	Completed	Completed	
		Stage-1(49.4Hz), Stage-2		
Tripura	Submitted	(49.2Hz), Stage-3(49Hz) require		
			Manning by	
		installation of UFR. Stg I UFR installed	Mapping by Feb'23	

Sub-committee noted as above

Action: all state utilities

B.11. Primary Frequency Response testing plan of remaining units in NER:

Primary Frequency Response Testing of generator units is being carried out in line with the Clause no.5.2(g) of Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2010.

Schedule as agreed in the 197thOCC meeting:

			Suggested Schedule		
Region	Station	No.of generators	Test Start	Test End	Duration (days)
NER	NEEPCO- Monarchak	1	26 th July'22	28 th July'22	done
NER	NEEPCO- Kameng	1 (by M/s Solvina)	Oct′22	Oct′22	Done on 20 th & 21 st Oct' 22
NER	OTPCL- Palatana	2 (by M/s Solvina)	Nov'22	Nov'22	To be done
NER	Doyang- NEEPCO	2 (by M/s Siemens)	Oct′22	Oct′22	4(water level to be sufficient enough to run the units at full capacity)

Regarding OTPC Palatana, PFR testing of unit 2 by M/s Solvina is scheduled on 21st and 22nd Dec'22 and for unit 1, which is to be done by M/s Siemens, date is scheduled on 22nd & 23rd Dec'22.

As decided in 197th OCCM, M/s Solvina and M/s Siemens visited OTPC Palatana for PFR testing. However, Palatana could not undertake the PFR testing mentioning constraints raised by their OEM on approved procedure of PFR testing. Thus, Palatana may provide a new date for performance test.

Deliberation of the sub-committee

OTPC Palatana informed that in a meeting between the stakeholders concerned on 22nd December'22, the OEM, M/S BHEL raised reservations on the PFR testing procedures. OTPC requested OEM to provide procedure for the testing, however no response has yet been received from BHEL.

Member Secretary NERPC stated that, if necessary, a meeting will be organized comprising all the stakeholders including NERPC, NERLDC, OTPC, and the OEM, to resolve the matter.

Sub-committee noted as above

Action: OTPC

B.12. <u>Regular furnishing of Patrolling report for all Important Lines to</u> NERLDC/NERPC

There is a requirement of regular and proper maintenance of transmission lines. It is requested to carry out the patrolling activities as per CINo.23(2), (3) &(4) of CEA Grid Standards Regulation, 2010on regular basis and submit the report to NERPC/NERLDC.

It is requested to upload DR, EL& FIR outputs for transmission lines in the NERLDC tripping portal in line with CI.5.2 R of IEGC 2010 Regulations.

In previous OCC meetings, Member Secretary, NERPC took strong note of the non-submission of patrolling report by the utilities in spite of repeated persuasion. He directed all the utilities to submit the patrolling report for all Important Lines to NERLDC/NERPC periodically. The forum requested NERPC to send letters to states in order to urge them to submit patrolling reports.

In 196th OCCM, NERLDC highlighted that all states except Manipur and P&ED Mizoram are submitting patrolling reports, but only few lines are covered in the reports, thus leaving out important lines. MS NERPC exhorted all the states to duly

Minutes of Meeting of 198th OCC Meeting held on 24th January 2023 undertake comprehensive patrolling of the lines and submit the reports covering all the important lines.

Deliberation of the sub-committee

NERLDC updated that Patrolling reports have been received from all states except Tripura. After brief discussion, MS, NERPC requested all the states to submit the reports in timely manner.

Sub-committee noted as above

Action: all state utilities

B.13. Monthly Review of LGBR

PARTICULARS (Peak Demand in MW as per LGBR vs Actual)	Oct-22 (LGBR)	Oct-22 (Actual)	Nov-22 (LGBR)	Nov-22 (Actual)	Dec-22 (LGBR)	Dec-22 (Actual)
Arunachal Pradesh	141.00	121	161.41	125	142.19	144.74
Assam	2109.98	2312	1700.00	1714	1470.00	1586.27
Manipur	205.00	202	216.00	219	265.00	245.67
Meghalaya	327.00	356	355.00	381	368.00	394.41
Mizoram	114.66	127	127.55	135	133.35	143.34
Nagaland	160.00	167	155.00	165	160.00	152.09
Tripura (exc. Bangladesh)	300.00	321	260.00	282	240.00	240.56
NER DEMAND (exc. Bangladesh)	3196.00	3405.00	2962.00	2905	2774.00	2905

PARTICULARS (Energy Requirement in MU as per LGBR vs Actual)	Oct-22 (LGBR)	Oct-22 (Actual)	Nov-22 (Actual)	Nov-22 (Actual)	Dec-22 (LGBR)	Dec-22 (Actual)
Arunachal Pradesh	69.88	88.53	66.42	69.1	67.53	77.81
Assam	1071.11	1006.800	780.67	811.610	775.57	813.88
Manipur	84.20	77.21	88.92	77.12	101.43	103.86
Meghalaya	180.70	186.79	183.22	199.43	209.04	222.42
Mizoram	76.43	53.17	77.61	51.76	57.25	65.43
Nagaland	79.63	76.44	64.94	64.31	73.05	72.88
Tripura (excl. Bangladesh)	152.69	150.28	114.39	120.53	108.78	114.26
NER DEMAND (exc. Bangladesh)	1684.38	1639.979	1367.71	1393.86	1374.44	1470.54

Deliberation of the sub-committee

The forum noted the LGBR projections vis-a-vis the actual demands/requirements.

B.14. Installation of AWS by IMD Guwahati

It was informed in 158th OCCM that RMC, IMD, Guwahati would install Automatic Weather Station (AWS) in NER. As per the proposed list of stations by the constituents, IMD has survey the stations and has mentioned the requirement of NoC for the suitable stations.

NERLDC vide emails dated 10.01.2023 to all the states requested to facilitate for signing of MoU with IMD Guwahati for installation of AWS in NER substations.

Deliberation of the sub-committee

NERLDC intimated that modified MoU by IMD has been shared with all the States by e-mail. Assam informed that approval of the MoU has been obtained and the same would be signed soon.

Ar. Pradesh informed that the MoU would be signed shortly.

All other States were also requested to check the MoU and expedite for signing at the earliest.

Sub-committee noted as above

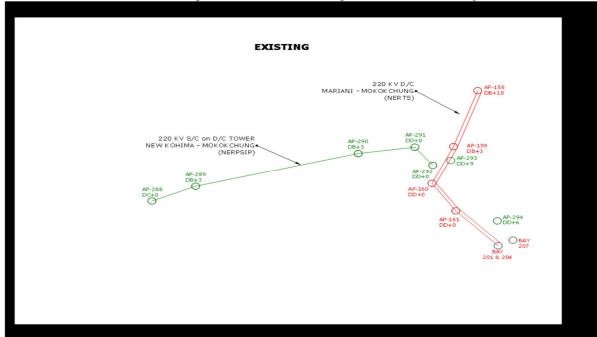
Action: All State utilities

B.15. Requirement of shutdown for executing bay exchange and line swapping for 220kV New Kohima – Mokokchung TL under NERPSIP Nagaland:

Under the scope of NERPSIP, 220kV New Kohima GIS bay at 220/132kV Mokokchung GIS (POWERGRID) is completed and associated 220kV New Kohima – Mokokchung Transmission line on the verge of completion. However, due to non-availability of adequate corridor for crossing the existing 220kV Mariani – Mokokchung TL by the newly constructed line, swapping of the two lines near the substation and exchange of the bays at the substation is required. Matter has also been intimated to DOP.

The swapping of the transmission lines are proposed to be carried out from 07.09.2022 and since one number tower erection along with de-stringing and restringing of both the lines are required to be carried out only after obtaining shutdown of the existing 220kV D/C Mariani-Mokokchung TL. The minimum shutdown requirement shall be of 18 days.

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As per the decision of the 195th OCCM, special meeting was convened on 20th Oct, 2022 to resolve the issues w.r.t the bay exchange and line swapping for 220kV New Kohima – Mokokchung TL with 220kV Mariani-Mokokchung line 1. The deliberation of the said meeting is as follows:

 POWERGRID informed that after bay swapping, the changes in Bays will be as follows:

Bay No	201	204	207
Before Bay Exchange/Existing	Mariani II	Mariani I	New Kohima
After proposed Bay Exchange	New Kohima	Mariani II	Mariani I

The owner of Bay no 207 shall remain with DoP, Nagaland only while Bay no 201 and 204 will remain with POWERGRID.

- Since transfer of assets is not possible, it was requested that NERTS and DoP,
 Nagaland may have a bilateral agreement for O&M of their respective bays.
- CTU connectivity agreement shall not be required.
- NERTS to confirm with the RIO w.r.t the clearances required for charging of the Bays after the proposed changes are made, since there is an addition of two towers (AP293 and AP294) for the diversion of 220 kV Mariani – Mokokchung I and II Line.
- NERTS to adhere to the PTCC clearance as per the CEA's guidelines.

- Since the proposed configuration allows for double OPGW at tower AP-159, its collapse may make the system vulnerable. NERTS mentioned that the same shall be reviewed.
- Various undertakings/compliances (Protection, Telemetry, and Metering etc.)
 were requested by NERLDC to be duly filled by NERTS before FTC.
- Necessary changes to be done by NERTS in the SCADA & metering database.
- SIO clearance dated 28.02.22 submitted by DoP, Nagaland for Bay no 207 mentions New Kohima Bay and has no validity. Also, the same has not been energized till date. DoP, Nagaland prior to FTC, may obtain clarification from SIO regarding validity of SIO clearance and swapping of the inspected Bay (207) for New Mariani II Line.

In the 196th OCCM, regarding agreement on O&M of respective bays of DoP Nagaland and PGCIL, DoP Nagaland stated that it will be finalized soon, and PGCII have already provide bay equipment details to Nagaland.

NERLDC pointed out that long outage of Mariani-Mokokchung DC is posing threat to power system of Nagaland and multiple extensions of shutdown is also affecting other shutdowns related to Nagaland power system.

PGCIL rebutted that the extensions were due to delays in obtaining RIO clearance. It was informed that RIO inspection has been completed on 24.11.2022 and the clearance is expected to be received soon.

In the 197th OCCM:

CGM(AM), NERTS intimated that POWERGRID is only suggesting for handover of bays for maintenance purpose, while original ownership shall remain in force. He assured that PGCIL will approach the higher authorities of DoP Nagaland for finalization of the agreement at the earliest.

Moreover, Sr GM NERLDC highlighted that the 220kV Mokokchung-Mariani line II can be charged as existing and new bay for Mariani II lies with PGCIL only and availability of at least one circuit of 220kV Mokokchung-Mariani D/C shall improve the security and reliability of Nagaland grid.

Member secretary, NERPC stated that a special meeting will be organized soon by NERPC to discuss the issues in a holistic way.

Deliberation of the sub-committee

NERLDC intimated the forum that 220kV Mariani-Mokokchung D/C line has already been charged. Regarding bilateral agreement on O&M of swapped bays, DoP Nagaland informed that in principle approval has been given and signing of agreement will take place shortly.

Sub-committee noted as above

B.16. <u>Furnishing daily data of generation, demand and shortage by State, ISGS</u> and IPPs:

Gross generation and ex-bus generation of all State Generators, ISGS (Inter State Generating Station) & IPP (Independent Power Producer) for each day is to be furnished to MOP/NLDC which was discussed in 193rd OCC meeting held on 12th August 2022. In addition to the above, hourly demand and shortage data of the states is also required to be furnished to NLDC/MOP.

In view of the above it is requested to furnish above data in the format specified (as sent in mail dated 07.11.2022).

In 196th OCCM, Manager NERLDC intimated that most of the states do provide gross generation data for each day but no net generation data is provided. Arunachal Pradesh is not proving any data at all. Even some ISGSs are not providing the net generation data. After detailed deliberation the forum strongly urged the states and ISGSs to provide required generation data and hourly demand and shortage data of the states on daily basis.

Assam: It has been observed that data is not being furnished for all 24 hrs. Since 1st Jan'23 till 10th Jan'23, the data for all the hours has only been furnished for 5th and 6th Jan. 2022, but on remaining days the data has only been furnished for 3 hrs, 8 hrs & 19 hrs.

Arunachal Pradesh: Not providing gross & net generation data and not providing hourly demand and shortage data. Not sending the daily PSP data sheet.

Mizoram: Not providing net generation data. Data being furnished at around 6-6:30 hrs in place of 1-1:30 hrs.

Deliberation of the sub-committee

Assam stated that they have been sending the required data since last week.

Arunachal Pradesh and Mizoram also assured the forum that the requisite data

would be furnished soon.

Sub-committee noted as above

Action: Assam, Arunachal Pradesh, Mizoram

B.17. Related to commissioning of 220 KV downstream transmission line of

DOP Nagaland at New Kohima (400/220kV) SS

Concerns of KMTL:

1. OPGW wire for 220 KV downstream Transmission line has not been installed

so it is very difficult to achieve the protection of 220 KV transmission line by

using line differential Relay. As line length is 10 KM (Approx.) for 220 KV

Transmission line therefore Line differential Relay has been considered for both

the end.

2. PLCC & SDH panel has not been installed at 400/220 KV GIS substation, New

Kohima till date.

3. 220 KV downstream transmission line conductor parameters yet to receive

from DOP, Nagaland for Relay setting at 400/220 KV GIS substation, New

Kohima

In 196th OCCM, Manager, KMTL requested the forum to ensure installation of OPGW,

LDP, PLCC, SDH equipments in the 220kV downstream line. He also requested for

providing parameters to KMTL for finalization of settings.

Member Secretary, NERPC requested POWERGRID to include OPGW for the 220kV

New Kohima - Zhadima D/C under regional scheme - State Sector and proceed for

early implementation as the line is in final stage of commissioning. NERTS agreed to

the same.

NERTS and DoP Nagaland may please update.

Deliberation of the sub-committee

DGM (AM), NERTS updated the forum that quantity margin of OPGW is available

under reliable communication scheme. However, prior approval of RPC forum is

required to install OPGW on intra state lines. After detailed deliberation the forum

decided to discuss the matter in the next NeTEST meeting.

Sub-committee noted as above

Action: NERPC, NERTS

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B.18. <u>Telemetry and Communication system issues of projects commissioned</u> under NERPSIP & Comprehensive schemes:

A number of new substations and transmission lines have been commissioned under NERPSIP and Comprehensive Schemes recently, however, there is no telemetry and communication system at these sites. As unavailability of telemetry data is a major concern, the concerned utilities are requested to expedite telemetry installation works of their respective substations/transmission lines as early as possible. The list of substations and transmission lines not having telemetry is mentioned as below:

SI. No.	Scheme	Name of Element	Name of Owner	First Time Charging Date	Remarks
1	NERPSIP	Mohanpur	TSECL	27.08.21	Data not in NERLDC SCADA
2	NERPSIP	132 kV Mokokchung- Mariani line LILO at Longnak and 132kV Bay & 33kV GIS Bay and associated equipments at Longnak Substation	DoP, Nagaland	16.07.2022	Data not in NERLDC SCADA (Longnak charged through 132 kV Mokokchungn- Longnak)
3	NERPSIP	132/33kV Tangla GSS	AEGCL	08.06.2022	Data not in NERLDC SCADA
4	NERPSIP	132/33 kV, 31.5 MVA Power transformer at Ambassa substation	TSECL	21.06.2022	Data not in NERLDC SCADA
5	NERPSIP	132kV Sonabil- Tezpur line 1 132kV Sonabil- Tezpur line 2	AEGCL	06.08.2022	Reporting with wrong value
6	NERPSIP	132/33 kV Tezpur Substation	AEGCL	22.09.2022	Data reporting partially in NERLDC SCADA

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7	Comprehensive	132/33KV Bay extension and 16 MVA Transformer at Dukumpani(Tenga) Substation	DoP, Arunachal Pradesh	21.10.2022	Data not in NERLDC SCADA NERLDC remarks: The exploration of telemetry of real time data from FRTU and VSAT devices already installed at 132 kV Dukampani (Tenga) S/s may be carried out in near future. PG reply: As advised, possibility for data communication through FRTU using existing VSAT or other broad band devices shall be explored till the OPGW link of Balipara-Khupi-Kimi is completed.
8	NERPSIP	132 kV Rabindranagar - Rokhia line	TSECL	22.07.2022	Line not in NERLDC SCADA (line was test charged & currently not in service)
9	NERPSIP	220 kV New Kohima Bay (207) at Mokokchung	DoP, Nagaland	-	Modelled: Bay to be swapped

Also, it is to be ensured that no substation/transmission line is commissioned in NER grid without telemetry and communication system for reliable operation.

Deliberation of the sub-committee in 197th OCC

- 1. Manager NERPSIP stated that SAS configuration at Mohanpur SS is completed but there is a break in OPGW of the Mohanpur-Dhalabil line, which is under scope of TSECL. The forum requested TSECL to rectify the issue at the earliest.
- 2. EE, SLDC DoP Nagaland stated that telemetry and communication is absent due to non-availability of OPGW along the 132kV Mokokchung-Longnak Line. He requested NERPSIP to undertake OPGW installation from LILO point of Longnak to Mokokchung under its scope. After detailed deliberation, the forum decided to include the link i.e. 132kV Mokokchung Longnak(LILO) point with matching end equipments at Mokokchung under Reliable Scheme being executed by NERTS. Further the forum requested NERTS to commission the same at the earliest with post-facto approval by TCC/RPC.

3. Manger NERPSIP updated the forum that custom clearing certificate will be obtained by Dec'22, after which material will, be dispatched and work will be completed by April'23. The forum categorically noted that no FTC will be given for the SS or any element without provision of Telemetry and Communication.

Deliberation of the sub-committee

NERPSIP updated as follow:-

SI. No.	Scheme	Name of Element	Name of Owner	First Time Charging Date	Status by NERPSIP
1	NERPSIP	Mohanpur	TSECL	27.08.21	The fiber link break issue in the existing line was resolved by state utility on 17.01.2023 and informed to POWERGRID by 18.01.2023. POWERGRID is planned to depute engineer and establish communication on or before 31.01.2023
2	NERPSIP	132 kV Mokokchung- Mariani line LILO at Longnak and 132kV Bay & 33kV GIS Bay and associated equipments at Longnak Substation	DoP, Nagaland	16.07.2022	As informed in the previous OCC or NETeST meetings, Existing fiber link from Mokokchung to LILO point has to be made ready by State utility.
3	NERPSIP	132/33kV Tangla GSS	AEGCL	08.06.2022	Station Data is reporting in SLDC
4	NERPSIP	132/33 kV, 31.5 MVA Power transformer at Ambassa substation	TSECL	21.06.2022	Wiring between CRP to RTU will be done before 31.01.2023 RTU BI/BO cards & Augmentation is in State Scope. Termination details of BI/BO cards to be provided by state.
5	NERPSIP	132kV Sonabil- Tezpur line 1 132kV Sonabil- Tezpur line 2	AEGCL	06.08.2022	Data reporting in SLDC. 2 number status (Breaker Status) are not reporting to SLDC from the existing gateway, but all data are reporting in local SAS. The data were reporting from the gateway

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					initially (MOM has made with AEGCL. However POWERGRID will help to resolve the reporting of 2 CB status in coordination with state utility. Data reporting in SLDC
6	NERPSIP	132/33 kV Tezpur Substation	AEGCL	22.09.2022	Data reporting in SLDC for the charged bays. The telemetry clearance for the bays not charged (ICT # 02 bays & Line Ckt 1) will be taken seperately before charging the bays.
7	Comprehensive	132/33KV Bay extension and 16 MVA Transformer at Dukumpani(Tenga) Substation	DoP, Arunachal Pradesh	21.10.2022	Matter is pertaining to Comprehensive T&D.
8	NERPSIP	132 kV Rabindranagar - Rokhia line	TSECL	22.07.2022	The telemetry data will made ready before charging the Transmission line. The work is planned to complete by 28-February
9	NERPSIP	220 kV New Kohima Bay (207) at Mokokchung	DoP, Nagaland	-	Bay swapping done at local SS and data reporting to NERLDC

Member Secretary, NERPC reiterated that no FTC will be given without ensuring telemetry and telecommunication. He further requested all the constituents to nominate nodal officer each for seamless resolution of telecommunication related issues.

During the meeting, the following officers were nominated by respective Organizations:

NERPSIP- Shri Abhilash

Minutes of Meeting of 198th OCC Meeting held on 24th January 2023 NERLDC- Shri Sakaldeep Assam- Shri Pranab Bhattacharya Tripura- Smt. Sampa Sen Arunachal Pradesh- Shri Purik Buchi Other States were requested to nominate their officers at the earliest. Sub-committee noted as above Action: NERPSIP/Comprehensive Scheme, All State Utilities

C. NEW AGENDA ITEMS

Agenda items from NERPC

C.1. Reviewing the Long Outages of Generating Stations in NER:

Presently following generating stations are under prolonged outages due various reasons. As instructed by MoP/CEA, it is imperative to review the progress of the undergoing works and plan for a realistic revival of these units at regional level.

Sr. No.	Stations	Expected Revival Date/Status of the progress/ Remarks
a.	Kopili I	
b.	Kopili II	
С.	Khandong	

Deliberation of the sub-committee

NEEPCO updated as follow-

Sr. No.	Stations	Expected Revival Date
a.	Kopili 2 units (2x50)	May'23
b.	Kopili other 2 units (2x50)	May'25
C.	Khandong units 1 and 2 (2x25)	May'25
d.	Khandong stg II (1x25)	March'23

Sub-committee noted as above

Agenda items from NERLDC

C.2. Outage of Important 400 kV bays at Palatana:

- a. GT-1 & Silchar 1 Tie Bay is under outage from 31/12/2022.
- b. ST-1 & Main Bay having dia with ICT-1 is under outage from 09/12/2022.

Palatana to funish a timeline for restoration of the bays.

Deliberation of the sub-committee

- a. Regarding GT-1 tie bay OTPC Palatana intimated that the tie breaker had tripped on some spurious signal sent by the relay as the fault recorder did not notice any fault in the system. So far, Relay has been replaced and faults have been rectified, but the breaker is under observation and the bay would be charged by 28th Feb'23.
- b. Regarding ST-1 Main Bay, the OEM visited the site on 10th Jan'23 and found that three cables of the CB were faulty which were causing motoring action in the CB. The replacement of the cables is underway and the bay will be charged as soon as possible.

Sub-committee noted as above

Action: OTPC

C.3. Publication of Black Start and Restoration Procedures of NER Grid

In line with regulation 5.8(a), NERLDC prepares and updates the Black Start and Restoration Procedure document for North Eastern Region on annual basis. Accordingly for this year, NERLDC has updated the Black Start and Restoration Procedures of NER Grid. The draft version of the document has been circulated to all constituents of NER on 10th Jan 2023 via email. All constituents are requested to kindly provide your feedback and comments on the same by 18th Jan. 2023 so as to enable us to publish the document as per the timeline specified by Hon'ble CERC.

Deliberation of the sub-committee

All constituents were requested to provide feedbacks and comments at the earliest.

Sub-committee noted as above

C.4. <u>Furnishing of data as per Detailed Procedure on interim methodology for</u> estimation of Reserves under CERC (Ancillary Services) Regulations, 2022

Grid-India (formerly known as POSOCO) has published interim detailed procedure for estimation of reserve requirements as per the CERC (Ancillary Services) Regulations 2022. The detailed procedure has been approved by the Hon'ble Commission and is available on Grid-India website at https://www.nerldc.in/wp-content/uploads/Detailed-Procedure-for-Estimation-of-Reserves_final.pdf
In line with the procedure, data as per the formats RAS1 and RAS2 have to be submitted by all the SLDCs of India. The last date for submission of Format-RAS1 & Format-RAS2 is 15th January 2023. An email regarding the same was sent to all SLDCs of NER on 24th Dec. 2022. Thus, all SLDCs are requested to kindly furnish the said data as per the aforementioned timeline.

Deliberation of the sub-committee

The forum requested all the States to provide the required data on reserves as per the formats provided by NERLDC at the earliest.

NERLDC further informed that for any assistance regarding this issue, constituents may contact them.

Sub-committee noted as above

C.5. Availing of Shutdown without approval:

AGBBP availed shutdown to Unit-3 which was under outage due to low gas pressure for retrofitting of CT from 11:00 Hrs. of 28/12/2022 to 12:40 Hrs on 04/01/2023 without prior approval or intimation to NERLDC which is violation of the IEGC.

Deliberation of the sub-committee

The forum advised AGBPP to intimate NERPC and NERLDC before availing the

shutdown of units on the basis of swapping.

Sub-committee noted as above

Action: NEEPCO

C.6. Status of implementation of SPS in Assam Power System:

As per the minutes of Sub-group meeting held on 27.09.22, SPS for load reduction in

capital area of Assam power system on tripping of 220 kV Azara-Sarusajai D/C or

220 kV Misa-Samaguri D/C was recommended for safe and reliable operation with

the following tripping conditions:

Triggering condition 1: Tripping of 220kV Azara – Sarusajai D/C SPS action:

Tripping of 132kV Kahilipara – Kamalpur and 132 kV Sarusajai – Kamakhya lines.

For tripping of 132 kV Kahilipara - Kamalpur line, OPGW connectivity between

Sarusujai and Kahilipara will be used to send the tripping signal for tripping

Kamalpur feeder at Kahilipara.

Triggering condition 2: Tripping of 220kV Misa - Samaguri D/C SPS action:

Tripping of 132kV Samaguri-Sankardevnagar Line

AEGCL may update on the latest status regarding implementation status of the

proposed SPS.

Deliberation of the sub-committee

AEGCL raised concern on Tripping condition 1 that there is heavy loading in the

Kamakhya and Sishugram area due to presence of Railways and Industries and

outage of 132kV Sarusjai-Kamkhya line may lead to heavy load loss. Also, the

financial implication, if any, on implementing SPS logic at Substations- was raised by

Assam.

After detailed deliberation, the forum decided to revisit the scheme and a special

meeting will be organized to discuss the matter holistically.

Sub-committee noted as above

Action: NERPC, NERLDC, AEGCL

Review of NER Special Protection Schemes (SPS) Document for 2022-23. C.7.

NER SPS Document for the financial year 2022-23 containing the details of SPS

schemes in operation along with the performance of the existing SPS schemes and

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new proposed SPS schemes has been prepared by NERLDC and mailed to all the constituents of NER.

Hence, all the NER utilities are requested to give their respective comments/suggestions by 27th Jan'23 as the final document will be published by NERLDC by 31st Jan'23.

Deliberation of the sub-committee

All constituents are requested to provide their comments and feedbacks at the earliest.

Sub-committee noted as above

C.8. <u>Procedure for charging/energization & Integration of Altered (including</u> modified/replaced/upgraded) Power System Elements

NLDC vide letter NLDC/FTC/75 dated 18.07.2022 issued Procedure for charging/energization & Integration of Altered (including modified/replaced/upgraded) Power System Elements which supplements the existing NLDC FTC procedure dated 03.06.2022. NERLDC vide email dated 11.08.2022 informed all the utilities regarding the updated procedure.

The revised procedure highlights some of the key aspects such as submission of statutory clearances for replacement of CT, CVT, CB, Bushing etc., restoration of line through ERS, submission of fresh FTC application for reconductoring of lines etc. The details of documents required to be submitted under different categories as per the new procedure are highlighted as per **ANNEXURE- C.8**.

All are requested to follow and abide by the latest procedure available at https://www.nerldc.in/wp-content/uploads/FTC-Procedure_Altered-Elements-6.pdf.

Deliberation of the sub-committee

Manager, NERLDC presented in detail the FTC requirements in various cases/scenarios (Annexure C.8). All utilities are requested to abide by the latest FTC procedure.

Sub-committee noted as above

Agenda from SLDC TRIPURA (TSECL)

C.9. <u>EMERGENCY SHUTDOWN OF OTPC PALATANA GT-1 ON 9TH January</u> 2023 from 9:00 hrs:

OTPC GT 1 has taken emergency shutdown from 09:00 hrs on 9th Jan2023 related to high inlet air filter DP. Accordingly, NERLDC unilaterally has allowed shutdown

rather to discuss the matter with the beneficiary. Tripura has requested to defer the shutdown upto 22:00 hrs as all the activities of IEX in DAM was done on 08th Jan 2023. On 9th January 23 since morning sunny weather observed throughout the state including Palatana area also. Huge financial loss as well as overdraw has occurred due to non-availability of power from Real Time Market. NERLDC has also aware the financial condition of all constituent. Hence, it is requested to Forum to look into the matter in future & also requested to consider views of beneficiaries also in co-ordination with emergency nature of repair work if technically permissible.

Deliberation of the sub-committee

ED, NERLDC stated that Emergency shutdowns are given on the basis of technical emergencies and it is the prerogative of RLDCs to allow the shutdown. Also, RLDC is not bound to take prior permission of SLDCs as any delay in granting shutdown might lead to untoward incident.

The forum requested OTPC & concerned generators to inform their beneficiaries when taking emergency shutdown.

Sub-committee noted as above

C.10. Audit Observation

Audit observation on 9.5MW Schedule of Barmura generation to Manipur instead of nil schedule and O(zero) schedule to Mizoram instead of 9.5 MW on 09/08/22 and rectification thereof.

On 09/08/22 unfortunately the share schedule from Generation to Manipur has given as 9.5 MW from 0:00 hrs to 04:30 hrs(0- 18 blocks) instead of 0(Zero) schedule and 0(zero) instead of 9.5MW to Mizoram from 0:00 hrs to 02:30 hrs (0-10 blocks). This was also communicated to NERLDC through mail for rectification.

Now, internal audit team has raised the issue of the energy scheduled on that day which is supposed to raised bill, though Manipur has surrendered their share of Barmura generation power from July2022 that is why bill not raised. As per audit observation the schedule has require to rectify for that blocks which is mentioned & there is the consent from Manipur and Mizoram are require as NERLDC suggested in their mail.

Hence the matter is placed to the forum for obtaining consent from both Manipur & Mizoram so that further necessary rectification may be settled.

Deliberation of the sub-committee

NERPC informed that as the matter has implication on DSM, it would be necessary to

discuss thoroughly in the commercial committee meeting.

Therefore, after brief discussion, the matter was referred to next CCM meeting for

discussion in the presence of concerned officials of the States Commercial/Discom.

Sub-committee noted as above

Action: NERPC

Agenda from GRID - INDIA

C.11. Early Restoration of Y-pole Circuit Breaker at AGTCCPP for 132 kV

Agartala I Line

132 kV AGTCCPP- Agartala I line was taken under Emergency Shutdown from 10:07

Hrs of 18.12.2022 due to Circuit Breaker Lockout at AGTCCPP end due to sudden

drop in SF6 Gas Pressure. Subsequently, the gas leakage point has been identified at

the joint of Y phase interrupter. The line is yet to be restored till date and the

shutdown is being extended progressively and is presently extended till 20th Jan'23.

As per Clause no 28 of Central Eectricity Authority (Grid Standards) Regulations,

2010 Inventory control and spare part management. -

(1) The required spare parts shall be kept in stock, to ensure speedy the maintenance

of the equipment. Because of this prolonged outage, outage planning of other

elements in Tripura Power System is impacted considerably. As 132 kV AGTCCPP

Agartala I line is crucial for ensuring the reliability and security of Tripura Power

System, hence, it is requested rectify the fault and charge the line at the earliest.

Deliberation of the sub-committee

GM NEEPCO intimated the forum that line was taken under shutdown due to gas

leakage observed in the Y Pole of the CB of the line. Further, the said Ciruit breaker

is ABB made and was installed in 2018. Now M/S Hitachi has taken over the

manufacturing of CBs from ABB and has discontinued the model, also no AMC is

being provided by Hitachi for the model. Moreover, there is no transfer scheme at R.C.

Nagar. To rectify the CB, gasket replacement work is being done and expected revival

date is 5th Feb'23.

CGM(AM), NERTS assured to help by contacting with Hitachi dealers if required.

Sub-committee noted as above

Action: NEEPCO

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C.12. Status of Reconductoring of 132 kV Umiam III – Umiam I D/C and 132kV Lumshnong – Panchgram line with HTLS conductor.

As per the planned scheme implementation, Umiam III-Umiam I line reconductoring was to be followed by 132 kV Panchgram-Lumshnong line. Coincidently, due to long outage of 132 kV Haflong - Jiribam line, Misa - Kopili- Khandong link, and Khandong Generation, increased power flow is observed at 132kV Badarpur- Khliehriat and 132 kV Panchgram - Lumshnong lines, overloading both the lines, resulting in conductor snapping. Consequently, due to grid constraints, Meghalaya is constrained to operate its system in 2- 3 sections, ignoring the system security aspects and also resorting to load curtailment. Corrective action call for reconductoring of 132 kV Panchgram-Lumshnong line on high priority. In this regard, SLDC Meghalaya is requested to update the following:

- **a.** Work Completion Status of Reconductoring of 132 kV Umiam III Umiam I D/C with HTLS Conductor including the max allowable loading in each circuit.
- b. Tentative Date for resuming the Reconductoring work 132kV Lumshnong Panchgram line with HTLS Conductor (as the work was stopped due to parallel reconductoring work of 132 kV Umiam III Umiam I D/C)

Deliberation of the sub-committee

- **a.** SLDC Meghalaya intimated the forum that the line work has been completed and the recondutoring is done with AAAC Casablanca conductor with loading limit of 75MW in each circuit. However, replacement of 400/1 CTs with 600/1 CTs is yet to be done, for which the generators at both ends have been asked to divert some CTs for the purpose.
- **b.** Reconductoring of 132kV Lumshnong –Panchgram will be taken up after completion of state assembly elections, tentatively by 15th March and till then Meghalaya to curtail loading in 132kV Lumshnong-Panchgram line within 50MW.

Sub-committee noted as above

Action: MEPTCL

C.13. Agenda from OTPC

- **1**. OTPC Palatana Unit #2 shutdown may be approved from 27/03/2023 to 28/03/2023 for hydro-test of HRSG#2.
- 2. During the last shutdown of both Block (Date: 11th January 2023.), Scheduled Generation updated by NERLDC 50 % of Declared Capacity of 1st block of startup

and 35 MW ramp for the subsequent blocks till SG matched DC. This rule change

was not intimated to OTPC. Further this rule change was telephonically informed

during real time operation. As such any change in rule/SOP for operations may be

informed prior to actual implementation so that the same can be planned in advance.

There are issues related to auto update frequently in ABT system. It is requested

to inform OTPC about any change in NEWWBES website or subsystem prior to actual

implementation so that the same can be planned in advance.

Deliberation of the sub-committee

1. To be discussed in the 199th OCCM.

The concern of OTPC was noted. NERLDC apprised that during startup, average

output becomes half of the peak value so the schedule was kept at 50% of DC. Also,

new SOP was agreed after discussion with generators as requested by them and is

aimed at minimizing DSM losses to them.

OTPC intimated that their ABT system was not able to automatically download

data from WBES website as a new captcha has been added. NERLDC highlighted

that the new captcha has been added on instruction of NLDC due to cyber security

related issues. However, NERLDC assured that any information about changes in the

portal will be shared with all stakeholders as soon as they receive the same from

NLDC.

Sub-committee noted as above

Action: NERLDC

C.14. Agenda from NEEPCO

As per the deliberation in previous OCC meetings, the Khandong Switchyard is to be

restored within February 2023, for commissioning of Khandong Stage-II Power

Station by March 2023. In this connection, NEEPCO has informed NERTS about the

availability of the required space for bay control & other panels by January 2023.

Further the bay control panels are to be installed by NERTS.

<u>Deliberation of the sub-committee</u>

Discussed in item B.8

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Agenda from APDCL

C.15. <u>Construction Power Supply to Khandong/ Kopili Hydro Power Station of</u> NEEPCO

As per the deliberation of 197th OCC Meeting, NEEPCO agreed to become a consumer of APDCL for drawing the Construction Power for restoration works of Khandong HEP, connected load of 2.5 MW was released on 18.11.2022. As discussed in the previous meeting the meter was supplied by CTU India Ltd. and APDCL agreed to consider it as the Billing meter for APDCL's billing purpose too. But after installation, it was noticed that some billing parameters like Maximum Demand, Power Factor are not displayed in the meter. While Maximum Demand can be retrieved from the downloaded parameters, but PF is unavailable in the downloaded parameters also. Because of this, APDCL is unable to bill the consumer. As such, APDCL now proposes to install a new billing energy meter in parallel to the existing meter cost of which NEEPCO has to bear like any other consumer of APDCL. For billing of the already used units, APDCL proposes that average PF data to be recorded in the new meter will be considered for already used units too. Also, APDCL requests NEEPCO to share the SEM data from 18.11.2022 till the new meter is installed for determination of the Maximum Demand.

Deliberation of the sub-committee

GM NEEPCO agreed to bear the cost of new billing energy meter as suggested by APDCL. Further, regarding billing of the already used units till the new meter is installed, APDCL intimated that power factor of 0.85 will be used, which is penalty neutral and reward neutral. After the new meter is installed, a supplementary bill will be raised based on the average PF data recorded in the new meter. NEEPCO agreed.

Sub-committee noted as above

Agenda form MePTCL

C.16. The Status of 132KV Haflong-Jiribam line:

PGCIL is requested to update on the same.

Deliberation of the sub-committee

Discussed in item B.8

C.17. Redundant OPGW link between NEHU SLDC and NERLDC:

PGCIL had proposed vide letter No.NERTCC/Ghy/MePTCL/Co-location dt.18.01.2023 for a redundant optical link between NEHU and NERLDC through

OPGW on NEHU-Khliehriat line-II in addition to the existing ULDC OPGW link on NEHU-Khliehriat line-I. In this regard, PGCIL is requested to clarify on the matter for

the benefit of the house.

Deliberation of the sub-committee

SLDC Meghalaya intimated that a redundant OPGW link is required between NEHU and NERLDC. Member secretary NERPC stated that a sub-group consisting of

NERPC, NERLDC, PGCIL, PowerTel and MePTCL, will be formed to discuss the

matter.

Sub-committee noted as above

Action: NERPC, NERTS

C.18. Request for loading between 45 - 50 MW for 132 KV Panchgram-

Lumshnong S/C line:

AEGCL vide mail dated 17th January 2023 informed Meghalaya to restrict loading of 132 KV Panchgram-Lumshnong S/C line below 40 MW citing aging of the line conductor. The present loading of the line between 45-50 MW is a result of continued outage of Kopili and Khangdong generation, unavailability of Misa-Kopili-Khangdong link as well as that of 132 KV Haflong-Jiribam and 132 KV Srikona-Panchgram lines. Restringing by HTLS conductor was also stopped temporarily considering increase in

winter demand and to maintain redundancy of 132 KV Badarpur-Khliehriat and 132

KV Badarpur-Panchgram lines throughout the day. Considering the depleted water level of Leshka and the upcoming Meghalaya Assembly elections, AEGCL is requested

to kindly consider loading of the line upto a maximum of 50 MW since it has been

observed on three occasions that the line had tripped only on sustained loading

above 50 MW. Meghalaya will ensure that the loading will be below 50 MW and for

this, Lumshnong industrial load has been curtailed accordingly.

Deliberation of the sub-committee

After detailed deliberation, SLDC Meghalaya assured that the loading on the line will be maintained below 50MW even by reducing Lumshnong industry load by 20MW, if need arises. Also, the reconductoring will be taken after the completion of State

Assembly elections.

Sub-committee noted as above

Action: SLDC Meghalaya, MEPTCL

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D. ITEMS FOR STATUS

D.1. <u>Implementation of projects funded from PSDF:</u>

The status as informed in 198th OCC:

State	R&U scheme	ADMS	Capacitor Installation	SAMAST**	Line Differential Protection
Ar. Pradesh	Package-I (Diagnostic tools) Complete in all respects. P-II (for PLCC & communication) Supply completed. Erection WIP. 50% requisition submitted. P-III (Substation equipment) Agreement signed and 10% requisition submitted. Total 90% requisition by Apr'22. Completion by Dec'22. (Approval from TSA and Account opening in 3 months)	Project completed in all respects.		30% requisition submitted. Amount not received in the TSA account.	
Nagaland	Completed in all respects.	Work completed in all respects. UC submitted.	-	30% requisition submitted	Lines identified. Under DPR preparation stage.
Mizoram	Final 10% disbursed. UC to be submitted.	Work completed in all respects. Remaining part of final 10% to be disbursed ASAP.	To reply to TESG queries.	30% requisition submitted.	Revised DPR including both 132kV Aizawl-Luangmual and 132kV Khamzawl-Khawiva to be submitted.
Manipur	Package-II: completed Package-I: all stations complete except Ningthoukhong.	Work completed in all respects. UC submitted in Oct'21.	WIP.	10% disbursed for IT portion, no disburseme nt for Meter,	Revised DPR for LDP of 132kV Imphal- Yurembam-III to be submitted by

	By May'22.			AMR portion. 20% disburseme nt for IT portion after completion of 3rd milestone. 30% to be disbursed for Meter, AMR portion	June'22.
	33kV System Integration with SLDC		In tender	ing stage	
	Reliable Communications for grid connectivity		In tender	ing stage	
Tripura	Completed. Final UC submitted on 04th May'22.	Final 10% requisition submitted.	Not relevant in present scenario with commissioning of ISTS lines. Issue dropped	10% successfully disbursed. 20% fund reversed back from vendor account. Will be resolved soon.	For 132kv 79Tilla- Budhjungnag ar line and for Rokhia link LDP at own cost. Tendering undergoing. DPR preparation for rest of the lines
Assam	Work completed except CRP, SAS work in 8stations which have been retendered and awarded to M/s SIEMENS. Completion by Dec'22	Project completed in all respects.	-	30% funds yet to be fully disbursed. 60% requisition sent.	Lines identified. Under DPR preparation stage.
Meghalaya	MePTCL - completed in all respects. MePGCL - Completed in all respects.	Project completed in all respects.	-	90% works completed. Communicat ion pending.	All works except OPGW done

In the 194th OCC, CGM, SLDC, AEGCL requested for extension of Milestone date for SAMAST. The forum unanimously decided that in view of the pandemic restrictions throughout NER in 2021 the extension is to be granted. Member Secretary, NERPC informed that originally the Project Completion deadline as per PSDF was 12 months, however in LoA target is completion by 18 months. The forum decided to extend the milestone date(s) and completion/Go Live/DoCO date(s) by 3 months, with target completion by 10th November'2022.

Sub-committee noted as above

D.2. <u>Status update of important grid elements under prolonged outage impacting system operation:</u>

SI. No	Element	Owner	Status as informed in the 197 th OCCM	Latest Status
1	132kV Mariani – Mokokchung (<i>out since</i> <i>April'2008</i>)	AEGCL	Non clearance due to persisting funding issue	Same status
3	132kV Roing-Pasighat (charged through ERS tower	NERTS	March'23	June-2023
4	220kV Misa-Kopili D/C, 220/132kV ICTs at Kopili, 132kV Khandong -Kopili D/C(out since Oct'19)	NEEPCO/ NERTS	Refer to agenda item B.8	ICT Kopili- May 2023 ICT Khandong- May 2023
5	132kV Srikona – Panchgram	AEGCL	Tender floated on 21.11.2022	Under evaluation
6	400kV Imphal - Thoubal-I and 315MVA 400/132kV ICT at Thoubal	MSPCL	RoW, litigation pending in court.	Same status
7	63MVAR Bus Reactor at Byrnihat to be replaced with 80MVAR Reactor	MePTCL	Logistics issue hampering the work. Tentatively by Dec,22.	Under process.
9	400kV Silchar-Misackt DC (permanent restoration)	NER-II TL	Restoration work (ERS) of both the ckt done. Work underway for permanent restoration. Mar'23	Pile works and chimney casting completed. Tower erection under process. Estimated by March'23.

D.3. Status of commissioning for upcoming projects:

		-	Status as	
SI. No	Name of the element	Utility	informed in 197 th OCC meeting	Latest Status
1	132kV Monarchak- Surjamaninagar	TSECL	By March 23	July'23
2	PLCC for 132kV Loktak-Ningthoukong and 132kV Loktak- Rengpang(existing lines)	MSPCL	Under R&M by NHPC	July'23
3	Construction of 2 nd bay at Balipara for 220kV Balipara-Sonabil-2	AEGCL	SAS completed. Partial Cross Jumper od Sonabil- Balipara D/C line corrected in shutdown on 3rd dec. Further, tests before charging being done as per PGCIL requirement, to be made ready in 3-4 days.	Work to continue after shut down is availed.
4	Upgradation of 132kV Lumshnong – Panchgram line	MePTCL	Umiam reconductoring works about to be completed, s/d after that	Shutdown not availed from SLDC. Work to proceed once shutdown is availed.
5	PLCC for 132kV Karong-Kohima. PLCC at Kohima	DoP Nagaland	Awaiting sanction from PSDF	Awaiting sanction from PSDF
6	132kV Loktak- Ningthoukhong-II	MSPCL	Same status, no definite time limit	
7	132kV Roing- Chapakhowa	NERTS	Work is in progress with a target for completion of the line by Dec'22.	Estimated by Feb'23 if RoW issues are resolved by Jan'23
8	Re-conductoring 220kV BTPS-Salakati D/C	NERTS	Shutdown of ckt 1, for reconductoring, was taken, but only ground work was done by PGCIL. Shutdown will be taken next month	Feb'23
9	420kV 80MVAR Bus Reactor	NEEPCO	Dec'22	Transportation and logistics issue, by Dec'23
10	220kV Killing – Mawngap	NERPSIP	RoW at one location yet to be resolved.	March'23 subject to resolution of

			Matter is regularly taken up with higher administration level.	lomg pending RoWs in Ri-Bhoi and East Khasi Hills district.
11	220kV Samaguri – Mariani-I	AEGCL	FC still awaited in the Samaguri- Khumtai section. While the Mariani-I to Khumtai section is charged	Same status. No forest clearance.
12	Reconductoring of 132kV UmiamStg-III to UmiamStg-I by HTLS	MePTCL	To be completed before 24th Dec	Line work is done, CT to be replaced at both ends, process underway
13	PLCC/DTPC for 220kV Balipara- Sonabil	AEGCL	Will be commissioned along with charging of line 2	After the completion of 2 nd bay at Balipara for 220KV Balipara- Sonabil-2
14	220kV AGBPP -Namsai D/C	TBCB	LoA awarded	LoA awarded on Oct'22. Estimated to be completed in 36 months.
15	Upgradation of 132kV Surjamaninagar- Surjamaninagar(ISTS), 132kV Bodhjungnagar- SMNagar, 132kV P.K.Bari-Ambassa, 132kV P.K. Bari- P.K.Bari(ISTS)	TSECL	Tender awarded to PGCII. Work started	New tender has been floated for joint venture of PGCIL and STU.
16	LILO of 132kV Leshka- Khliehriat-I at Mynkre and Mynkre SS and 33kV downstream at Mynkre.	NERPSIP	WIP	LILO ready. Substation WIP- March'23.
17	220kV Tinsukia- Behiating D/C	NERPSIP	Jan23	WIP-March'23
18	LILO of 132kV Kamalpur-Kamakhya& 132kV Kamalpur- Sishugram at Amingaon	NERPSIP	Jan23	ERS installation work under scope of AEGCL. Work under progress.
19	220kV Rangia – Amingaon D/C and 220/132kV 2x160MVA Amingaon S/S	NERPSIP	ERS installation work under the scope of AEGCL, work not started yet	March'23
20	132kV Rengpang- Tamenglong and 132/33kV 4x6.67MVA at Tamenglong at Manipur	NERPSIP	Jan'23	March'23
21	132/33kV 2x20MVA Gamphazol at Manipur	NERPSIP	Jan'23	Test charged in Dec'22
22	132/33kV West			Ready for charging.

	Phaileng S/S at Mizoram	NERPSIP		Line WIP.
23	132/33kV 2x12.5MVA Marpara S/S at Mizoram	NERPSIP	Ready for charging but no line	March'23
24	132/33kV 2x12.5MVA Lungsen S/S at Mizoram	NERPSIP	Jan'23	March'23
25	132kV Lungsen- Chawngte S/C at Mizoram	NERPSIP	Jan23	Feb'23
26	132kV Chawngte – S.Bungtlang S/S at Mizoram	NERPSIP	Jan23	March'23
27	132kV W.Phaileng- Marpara S/C at Mizoram	NERPSIP	Dec'22	March'23 subject to RoW clearance in Pukzing village in Manit district.
28	220kV Zhadima – Mokokchung at Nagaland	NERPSIP	Feb23	Feb'23
29	LILO of 132kV Wokha – Kohima at 132/33kV New Kohima at Nagaland	NERPSIP		Feb'23
30	132kV Wokha- Zunheboto – Mokokchung at Nagaland	NERPSIP	Dec'22	March'23
31	132kV Tuengsang – Longleng at Nagaland	NERPSIP	Janʻ23	Tuengsang substation upgradation under tendering.
32	132/33kV Amarpur S/S at Tripura	NERPSIP	Line ready but Tuensang SS projected to be ready by jan'24	March'23
33	132/33kV Manu(new) S/S at Tripura	NERPSIP	Jan'23	March'23
34	132kV Dharmanagar- Kailashor	NERPSIP	Jan;23	Feb'23
35	132kV Ziro-Yazali and 132/33kV Yazali S/S	POWERGRID- Comprehensive	Jan'23	March'23
36	132kV Yazali - Palin and 132/33kV Palin S/S	POWERGRID - Comprehensive		No forest clearance achieved. Work under process.

				Estimated to be completed in 12 months.
37	132kV Palin- Koloriang and 132/33kV Koloriang S/S	POWERGRID - Comprehensive	Dec'23	No forest clearance achieved. Work under process. Estimated to be completed in 12 months.
38	132kV Khonsa – Deomali and 132/33kV Khonsa S/S	POWERGRID - Comprehensive	Dec'23	Next year i.e 2024
39	132kV Miao – Namsai and 132/33kV Miao S/S	POWERGRID - Comprehensive	Dec'23	Next year i.e 2024
40	132kV Chimpu – Holongi and 132/33kV Holongi S/S	POWERGRID - Comprehensive	Dec'22	OPGW has been installed in the line, but stringing work at 6 locations are held up due to RoW issue
41	Lower Subansiri HEP	NHPC	Unit 1 by Jan'23 and Unit 2 by Feb'23	Unit 1 by Jan'23 and Unit 2 by Feb'23
42	400kV Lower Subansiri- BNC line1	PGCIL	Dec'22	Feb'23
43	400kV Lower Subansiri- BNC line2	PGCIL	Feb'23	March'23
44	Conversion of MT to DM at (i)132kV Khliehriat, (ii)132kV Badarpur, (iii)132kV Nirjuli, (iv) 132kV Imphal	NERTS		132 kV Khliehriat and 132 kv Badarpur- under approval stage. 132 kv Nirjuli- work ongoing. 132 kv Imphal- Feb'23

D.4. Status of ISTS expansion scheme in NER:

A. Status of downstream 220kV or 132kV network by STUs from the various commissioned and under-construction ISTS substations in NER

			rans.	oltage	ays	bay	for oays	Statu updated	s of Lines(as in 198 th OCCM)
SI.	ISTS S/s	State	Voltage ratio, T Cap	Down- stream Volence (kV)	Unutilized ba	Status of ISTS	STU Lines foundilized ba	Date of Award	Complet ion schedu le

1	New Mariani (POWERGR ID)	Assam	400/220kV, 2x500MVA	220	2	Commiss ioned	New Mariani (POWERGRID) – Diphu (Assam) 220kV D/c line	Transmiss ion route survey is underway, expected to take a longer time due as the forest areas lying in the rote	By Janʻ25
2	New Kohima (TBCB)	Nagala nd	400/220kV, 2x500MVA	220	2	Commiss ioned	New Kohima (TBCB) – New Kohima (Nagaland) 220kV D/c line	LoA Feb′2021	Resolution of issue of high deviation angle at 1st tower at New Kohima (TBCB) underway. Completion of the line after the said resolution
3	Nangalbibra (TBCB)	Meghal aya	220/132k V, 2x160MVA	132	2	Under bidding	Nangalbibra (ISTS) – Nangalbibra (MePTCL) 132kV D/c (Single Moose) line	Survey awarded	Dec'23

B. Status of 400kV substations and other important elements being implemented by STUs in NER under intra-state schemes to be connected through ISTS

SI. No.	Substation/Location	Transformat ion Capacity/ Element	Date of Award	Completion Schedule
Α	Assam (to be implemented	ed by AEGCL)		
ı	Rangia	400/220kV, 2x500MVA	 EPC Contract Award is Tentatively scheduled in the early half of Dec'2022. Master Plan submitted for approval. Tender under preparation AIB points to be addressed 	Dec'2025
a)	LILO of both circuits of Bongaigaon – Balipara 400kV D/c line at Rangia	400 kV, D/C	 EPC Contract Award is expected byDec'2022. Tender preparation is completed and is to be reviewed by AIIB 	Mar'26 (36 months form date of Award)

II	Khumtai	400/220/13 2kV, 2x500MVA + 2x160MVA	Survey work to be completed by June'2022. EPC tender to be floated on finalization of fund allotment. 220kV work will be constructed under ongoing AIIB scheme for which contract has already been award to M/S RS infra PVT tech ltd.	May′2026
a)	Khumtai (AEGCL) – BiswanathChariyali (PG) 400kV D/c line	400kV D/c	Survey work completion by July'22, tender floating after finalization of fund allocation.	60% complete.
111	Upgradation of Gohpur S/s from AIS to GIS	-	Notice of Award has been issued on 8th june 2022 to M/S Sumaja Electro infra Pvt Itd.	June'2025
a)	2 no. 132kV GIS line bays at Gohpur for termination of LILO of one circuit of BiswanathChariali – Itanagar 132kV D/cl ine(line works underISTSthrough TBCB route)	132kV	1. LoA by Jun'22	June'2025
IV	Upgradation of Sonapur S/s from AIS to GIS	_	1. Contract to be awarded by Jun'23. LoA by Jun'23	June'2026
a)	LILO of 400kV Silchar- Byrnihat at Sonapur	-	1. LoA by Jun'23	June'2026

SI. No.	Substation/Location	Transformation Capacity/ Element	Date of Award	Completion Schedule
В	Tripura (to be implement	ed by TSECL)		
I	Surajmaninagar (TSECL)	400/132kV, 2x315MVA	JV formation, between PGCIL and STU by March'23	12 months from Date of Award
a)	LILO of both circuits of Surajmaninagar (ISTS) – Palatana 400kV D/c IineatSurajmaninagar (TSECL) S/s	400kV D/c	All Works except 400KV	84% Line works complete by PGCIL, total completion subjected to Sub-station

				readiness at Surajmaninagar	
С	NEEPCO (to be implemen	nted by NEEPCO)			
ı	Extension works at RanganadiHEPend				
a)	420kV 80MVAR Bus Reactor at Ranganadi Generation Switchyard		LOA on 11.01.2022	Dec'23 (Logistics and Transportation issue)	
П	Extension works at Pare HEP end				
a)	Bypassing of LILO of Ranganadi - Naharlagun / Nirjuli at Pare HEP so as to form direct Ranganadi- Naharlagun / Nirjuli132 kV S/c line	132kV	Regarding bypassing of LILO at (a), work has been awarded in Dec, work to be completed in 4 months from LoA, The LILO portion is	To be completed by NEEPCO by April2023 i.e. prior to ISTS works i.e. July 2023.	
b)	Re-conductoring of LILO portion at Pare end (of Ranganadi - Naharlagun / Nirjuli 132kV S/c line) with HTLS (HTLS equivalentto ACSR Zebra) along with modification of 132kVbay equipment at Pare HEP	132kV	about 2.2km & the cost estimates have been received by NEEPCO. Upon approval of the same, work shall be awarded. Expected to be awarded shortly.	July 2023.	

D.5. <u>Status Review for the Items Referred from previous OCCMs:</u>

S.No	Item for Discussion	Status as per 197 th OCCM	Latest Status
1.	Introduction of SPS in Leshka S/Sn of Meghalaya (Agenda No. C4 of 189 th OCCM)	OEM has visited the site and proposed certain modifications in the original scheme. The finalised scheme will be submitted to the higher management in the following week.	
2.	Voltage and MVAR issues at 400kV Kameng S/Sn (Agenda No. C7 of 189th OCCM)	Discussion with OEM is underway	Discussion with OEM is underway

			1
4.	Difficulty in test synchronization at Ningthoukhong S/Sn (installation of line CVT) (Agenda No. C11. of 189 th OCCM) Outage of 400kV Imphal (PG) – Thoubal-I (Agenda B.15 of 184 th OCCM)		Litigation pending in court
5.	Charging of 33kV Khupi-Kimi line at 132kV: Recommendations of the 187th OCCM to be implemented: (a) Installation & Commissioning of PLCC and additional Wave Trap with accessories at Khupi (NEEPCO) - By Mar'22 Minutes of 188th OCC meeting held on 16th March, 2022 at Guwahati (b) Defective Relays at Khupi end to be repaired (NEEPCO) - By Mar'22 (c) PID testing and replacement of defective insulators (NEEPCO) - By Mar'22 (d) Infringement checking and vegetation clearance (NEEPCO) - By Mar'22 (e) Stringing of OPGW by POWERGRID Comprehensive - By Mar'22 (f) Procurement and installation of Line Differential Relays (NEEPCO) - By Mar'22 (Agenda B.15 of 188th OCCM)	As informed in 23rd TCC/RPC meeting, NEEPCO to complete its work by Dec'22. Also PGCIL (Comprehensive) to complete OPGW work by Dec'22.	GM, NEEPCO informed that at one location landslide has reduced ground clearance, land clearing work is being undertaken by NEEPCO, to be completed by 10th Feb. All other works in account of NEEPCO is completed. Regarding OPGW work, Comprehensive updated that mobilization of man and materials in progress. Work to start from 06.02.2023 and to be completed by the end of Feb'23
6.	Synchronization issue of 220kv AGBPP – Tinsukia 1 & 2 at AGBPP end.(NEEPCO to update the status of CVT procurement and other relevant details.) Item B.24 of 190th OCCM.	Tender floated in the month of August'2022.	
7.	Implementation of Single Phase Auto-Reclosure for 132kV Rangia- Motonga and 132kV Gelephu- Salakati Line (C.14 of 191st OCCM)	SPAR of 132kV Rangia- Motonga line is planned for March'23. For Salakati- Gelephu, work done.	March'23
8.	Grid Disturbance in Dhaligaon area of Assam Power System	Estimate prepared and submitted to Disaster Risk	Revised estimate

	(0.40, (4.04-+.000))		1 111 1 1
	(C.18 of 191st OCCM)	reduction Works, 2022-2023,	submitted, yet
		Govt of Assam.	to be approved
9.	Tower schedule of 220 KV D/C Transmission line (from Zhadima 400/220 KV GIS Substation to Zhadima 220 KV Substation) (B.18 OF 194™ OCC)	Will be provided before OPGW installation in N Kohima - Zhadima Line.	Will be provided before OPGW installation in N Kohima - Zhadima Line.
10.	Restoration of 400 kV STG-1 Main Bay at OTPC Palatana (C.6 of 194th OCCM)	Bay currently Open.	OEM visited the site, faulty cables to be replaced soon
11.	400 kV Bongaigaon-Byrnihat L/R at 400 kV Bongaigaon (PG) (C.6 of 194th OCCM)	Bushing replaced and shutdown for testing of LR taken.	Done on 16 th Jan'23
12.	Occurrence of Multiple grid disturbance in Gohpur and radially connected areas of Assam Power System (C.10 of 194 th OCC)	SEM meters provided by PGCIL, both lines bays commissioned from AEGCL end.	AeGCI scope of work done, Sterlite scope of work remaining
13.	Status of Installation of TLSA in 400kV Silchar-Azara T/L & 400 kV Silchar-Byrnihat T/L (C.12 of 194th OCCM)	Tender opening on 30.12.2022.	Tendering completed, LoA awarded, supply will start soon
14.	PLCC & protection related issues at 132kV Tipaimukh S/s (C.15 of 194th OCC) & (C.8 of 197th OCC)	PLCC engineer to visit the SS in last week of December. (MSPCL)	
15.	48V System reliability at Pasighat end (C.16 of 194 th OCC)	Transmission division/ circle was requested to take up the matter, likely to be completed by March 2023 if fund is approved.	March'23
16.	Construction of Anchor tower at location 433 by PGCIL and reconductoring of 220kV Mariani-Mariani SC with Moose conductors(B.16 of 196th OCCM)	PGCIL- Construction of anchor tower by Jan'23. AEGCL- reconductoring thereafter.	Approved in OCC(1st to 4th Feb'23) and work has been taken up by the site
17.	Railway Traction Details of NER (C.7 of 197th OCC)	AEGCL to provide the tentative commissioning timelines of the remaining lines (sl. No. c).	_

E. METERING AGENDA ITEMS

E.1. Procurement of SEM & DCD/Laptop for future requirements:

NERTS may intimate the status of procurement of Additional 40 nos. of DCD. In 196th OCCM, NERTS updated that LoA has been placed and supply of DCDs is expected by 9th Jan'23. Status may be reviewed.

Deliberation of the sub-committee

Inspection at Factory was completed on last week of January 2023. Delivery by the OEM, M/s SANDS is expected by 3rd week of February'23.

Sub-committee noted as above

Action: NERTS

E.2. <u>Issues regarding SEM Data Processing:</u>

a. Non-receipt of SEM data from 132 kV Pailapool Substations:

Weekly SEM data of 132 kV Pailapool (As) Substations is important for accounting of Assam drawal. However, SEM data from the said substation is not being received. In 197th OCCM, SLDC Assam informed that new laptop is under procurement stage, meanwhile SEM data will be sent through the laptop at Karimganj SS. SEM data yet to be received. Status may be reviewed.

b. Erroneous reading of Tipaimukh end of 132kV Aizwal-Tipaimukh line:

Tipaimukh end of 132kV Aizwal-Tipaimukh line is reading close to 0 (Zero). In 197th OCCM, PGCIL updated that replacement meter is received by MSPCL and will be installed by PGCIL Status may be reviewed.

Deliberation of the sub-committee

- a. Assam updated that procurement of new laptop is under process. Regarding laptop at Karimganj problem in Operating system is being rectified.
- b. PGCIL had delivered the SEM to Manipur state official, who have stated that they will install the SEM in their premises by themselves.

Sub-committee noted as above

Action: AEGCL, MSPCL

E.3. <u>High Time Drifted SEMs:</u>

Time drift in SEMs may result in computational errors in Regional energy accounts & Weekly Loss. All constituents in whose premises the meters are installed are required to take corrective action for the same.

Time drift of more than 4 mins observed in the following meters.

Minutes of Meeting of 198th OCC Meeting held on 24th January 2023

S.No	ENTITY	FEEDER NAME	METER NO
1	ASSAM	220 kV TINSUKIA END OF KTG FDR-I	NP-9654-A
2	ASSAM	220 kV TINSUKIA END OF KATHALGURI FDR-II	NP-9658-A
3	ASSAM	132 kV UMRANGSOO END OF KHLEIRIAT (PG)	NP-5290-A
4	ASSAM	132 kV UMRANGSOO END OF HAFLONG	NE-0019-A
5	ASSAM	132 kV RANGIA END OF MOTONGA	NP-9669-A
6	MANIPUR	400 kV THOUBAL END OF IMPHAL(PG)-II FDR	NP-9603-A
7	MIZORAM	132 kV KOLASIB END OF AIZAWL(PG) FDR	NE-0087-A
8	POWERGRID	400/132kV SILCHAR 200MVA ICT-1 (HV SIDE)	NE-0050-A
9	POWERGRID	400 kV SILCHAR END OF BYRNIHAT	NP-9398-A
10	POWERGRID	400 kV SILCHAR END OF PALATANA FDR-I	NE-0030-A
11	POWERGRID	400/132 kV SILCHAR ICT-3 (HV SIDE)	NP-6946-A
12	POWERGRID	400/132 SILCHAR END OF MISA FDR-I	NP-9925-A
13	POWERGRID	400 kV SILCHAR END OF IMPHAL-II	NE-0040-A
14	POWERGRID	400 kV SILCHAR END OF PK BARI (STERLITE)-I	NP-9901-A
15	POWERGRID	400 kV SILCHAR END OF IMPHAL-I	NE-0007-A
16	POWERGRID	132 kV SILCHAR END OF SRIKONA-I	NP-9895-A
17	POWERGRID	400 kV BONGAIGAON END OF NTPC_BgTPP-2	NP-9477-A

Note: Out of 90 Locations, appx. 35-40 Nos. of locations send SEM Time Drift Report. In 197th OCCM, PGCIL: correction process underway. Assam: T&C will take up the work, Manipur: Thoubal personnel will take up the matter and for Mizoram: PGCIL will help.

Status may be reviewed.

Deliberation of the sub-committee

PGCIL updated that for all the said meters, the time drift corrections are being done by DCDs and are in process of compliance as per 197th OCCM, 1 minute/ week.

Sub-committee noted as above

Action: NERTS

E.4. DCD issue at 132 kV Kolasib Substation:

Enormous amount of old files remained dumped in DCD of 132 kV Kolasib station which is causing hindrance in receiving latest weekly SEM data. Even after communicating several times, the problem is still persisting. In 197th OCCM, PGCIL updated that memory cleaning go the DCD is required for which they have not yet received any call from Mizoram. NERPC requested PGCIL/P&ED Mizoram to resolve the issue bilaterally. Issue is still persisting. Status may be reviewed.

Deliberation of the sub-committee

PGCIL updated that the issue has been resolved.

Sub-committee noted as above

E.5. Faulty DCD in Rangia substation:

Personnel from Rangia Substation informed via mail dtd. 20/12/22 that their existing DCD is faulty which is causing difficulty in downloading data from SEM. Weekly SEM data of 132 kV Rangia (As) Substation is important for accounting of Inter-regional drawl.

Deliberation of the sub-committee

AEGCL intimated the forum that DCD and SEM are non-compatible and have requested PGCIL to look into the matter. However PGCIL updated that the matter hasn't been intimated to PGCIL, the DCD and its operation at Rangia (AS) is specific to AEGCL and PGCIL has no involvement in it.

Sub-committee noted as above

Action: AEGCL

Annexure-I List of Participants in the 198th OCC Meeting held on 24.01.2023

SN	Name & Designation	Organization	Contact No.
1	Sh. Purik Buchi, AE (E)	Ar. Pradesh	09366118384
2	Sh. P. Borah, CGM, AEGCL	Assam	_
3	Sh. Indrajit Tahbildar, AGM(TRC), APDCL	Assam	08761049486
4	Sh. N.Baruah, AGM (SO)	Assam	07002885719
5	Sh. P.Saha, AGM (SCADA)	Assam	09435561777
6	Sh. Paragjyoti Kalita, AGM	Assam	09706979183
7	Sh. R. Sarma, AGM	Assam	07002380393
8	Sh. P.Yaiphaba, DGM, MSPCL	Manipur	09774088766
9	Sh. B.Wankhar, SE (SLDC)	Meghalaya	07005673697
10	Sh. B.Nikhla, SE (Gen-II)	Meghalaya	09436314163
11	Sh. M. Mairom, EE	Meghalaya	08259904575
12	Sh. B.Narry, EE (SP)	Meghalaya	07005298338
13	Sh. D.J.Lyngdoh, EE (SM), MePTCL	Meghalaya	-
14	Sh. T.Gidon, EE, SLDC, MePTCL	Meghalaya	06009094044
15	Sh. K.W.Sohlang, EE (MoD)	Meghalaya	07085057822
16	Sh. A.Shullai, AEE (G&PSD)	Meghalaya	07005379616
17	Sh. Y.Iakai, AEE, SLDC	Meghalaya	09402133552
18	Sh. D.Marsharing, AEE	Meghalaya	08014046544
19	Sh. C.W.Chen, AEE (C&C)	Meghalaya	09863093311
20	Sh. Zoramdina Ralte, EE	Mizoram	08415901755
21	Sh. P.C.Lalremruata, AE	Mizoram	09106305215
22	Sh. R. Suohu, SE (E)	Nagaland	08575000014
23	Sh. Rokobeito Italu, SDO	Nagaland	09436832020
24	Sh. Anil Debbarma, DGM (SLDC)	Tripura	09612589250
25	Sh. Joypal Roy, GM	NEEPCO	08837200069
26	Sh.N.Roy, ED	NERLDC	09869080265
27	Sh. S.C. De, Sr.GM	NERLDC	09436335369
28	Sh. B. Sahu, Sr.GM	NERLDC	09425409539
29	Sh. Mintu Mandal, C.Mgr	NERLDC	09436335243
30	Sh. Abhijit Bhuin, C.Mgr	NERLDC	09433041807
31	Sh. Chitra Bahadur Thapa, Manager	NERLDC	08135989964
32	Sh. Palash Jyoti Borah, Dy.Manager	NERLDC	08761093397
33	Smti. Namrata Pathak, Asst.Mgr	NERLDC	09706384809
34	Sh. P. Kanungo, CGM (AM)	PGCIL	09436302823

36 Sh. Ankit Vaish, DGM, NERTS PGCIL 0940930572 37 Sh. Amit Kr. Verma, C. Mgr (NERPSIP) PGCIL 0889470124 38 Sh. Raktim Konwar, Manager (NERPSIP) PGCIL 0967868235 39 Sh. Soham De, Shift-in-Charge OTPC 0955655764 40 Sh. N.Ramesh Kr. Singh, Engineer (O&M) NETC 0910165804 41 Sh. Sanjeev Kumar Sharma, Manager (E) NHPC 0963095033 42 Sh. A. Majumdar, AGM NTPC 0965099050 43 Sh. K. B. Jagtap, Member Secretary NERPC 08974002106 44 Sh. S. M. Aimol, Director NERPC 0987126695 45 Sh. A. Agarwal, Dy.Director NERPC 0987126695 46 Sh. Shaishav Ranjan, AEE NERPC 0945533175 47 Sh. Vikash Shankar, AD-I NERPC 0945533175				
37 Sh. Amit Kr. Verma, C. Mgr (NERPSIP) PGCIL 0889470124 38 Sh. Raktim Konwar, Manager (NERPSIP) PGCIL 0967868235 39 Sh. Soham De, Shift-in-Charge OTPC 0955655764 40 Sh. N.Ramesh Kr. Singh, Engineer (O&M) NETC 0910165804 41 Sh. Sanjeev Kumar Sharma, Manager (E) NHPC 0963095033 42 Sh. A. Majumdar, AGM NTPC 0965099050 43 Sh. K. B. Jagtap, Member Secretary NERPC 08974002106 44 Sh. S. M. Aimol, Director NERPC 0987126695 45 Sh. A. Agarwal, Dy.Director NERPC 0987126695 46 Sh. Shaishav Ranjan, AEE NERPC 08787892650 47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	35	Sh. R. Haribabu, DGM	PGCIL	09445021006
37 Sh. Amit Ki. Verma, C. Mgr (NERPSIP) PGCIL 0967868235 38 Sh. Raktim Konwar, Manager (NERPSIP) PGCIL 0967868235 39 Sh. Soham De, Shift-in-Charge OTPC 0955655764 40 Sh. N.Ramesh Kr. Singh, Engineer (O&M) NETC 0910165804 41 Sh. Sanjeev Kumar Sharma, Manager (E) NHPC 0963095033 42 Sh. A. Majumdar, AGM NTPC 0965099050 43 Sh. K. B. Jagtap, Member Secretary NERPC 08974002106 44 Sh. S. M. Aimol, Director NERPC 0987126695 45 Sh. A. Agarwal, Dy.Director NERPC 08787892650 46 Sh. Shaishav Ranjan, AEE NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	36	Sh. Ankit Vaish, DGM, NERTS	PGCIL	09409305725
39 Sh. Soham De, Shift-in-Charge OTPC 0955655764 40 Sh. N.Ramesh Kr. Singh, Engineer (O&M) NETC 0910165804 41 Sh. Sanjeev Kumar Sharma, Manager (E) NHPC 0963095033 42 Sh. A. Majumdar, AGM NTPC 0965099050 43 Sh. K. B. Jagtap, Member Secretary NERPC 08974002106 44 Sh. S. M. Aimol, Director NERPC 0987126695 45 Sh. A. Agarwal, Dy.Director NERPC 0987126695 46 Sh. Shaishav Ranjan, AEE NERPC 08787892650 47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	37	Sh. Amit Kr. Verma, C. Mgr (NERPSIP)	PGCIL	08894701248
39 Sh. Soham De, Simt-In-Charge OTPC 40 Sh. N.Ramesh Kr. Singh, Engineer (O&M) NETC 0910165804 41 Sh. Sanjeev Kumar Sharma, Manager (E) NHPC 0963095033 42 Sh. A. Majumdar, AGM NTPC 0965099050 43 Sh. K. B. Jagtap, Member Secretary NERPC NERPC 44 Sh. S. M. Aimol, Director NERPC 08974002106 45 Sh. A. Agarwal, Dy.Director NERPC 0987126695 46 Sh. Shaishav Ranjan, AEE NERPC 08787892650 47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	38	Sh. Raktim Konwar, Manager (NERPSIP)	PGCIL	09678682358
41 Sh. Sanjeev Kumar Sharma, Manager (E) NHPC 0963095033 42 Sh. A. Majumdar, AGM NTPC 0965099050 43 Sh. K. B. Jagtap, Member Secretary NERPC 44 Sh. S. M. Aimol, Director NERPC 08974002106 45 Sh. A. Agarwal, Dy.Director NERPC 0987126695 46 Sh. Shaishav Ranjan, AEE NERPC 08787892650 47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	39	Sh. Soham De, Shift-in-Charge	OTPC	09556557648
41 Sh. Sanjeev Kumar Sharma, Mariager (E) NHPC 42 Sh. A. Majumdar, AGM NTPC 0965099050 43 Sh. K. B. Jagtap, Member Secretary NERPC NERPC 44 Sh. S. M. Aimol, Director NERPC 08974002106 45 Sh. A. Agarwal, Dy.Director NERPC 0987126695 46 Sh. Shaishav Ranjan, AEE NERPC 08787892650 47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	40	Sh. N.Ramesh Kr. Singh, Engineer (O&M)	NETC	09101658046
42 Sh. A. Majumdar, Adm NTPC 43 Sh. K. B. Jagtap, Member Secretary NERPC 44 Sh. S. M. Aimol, Director NERPC 08974002106 45 Sh. A. Agarwal, Dy.Director NERPC 0987126695 46 Sh. Shaishav Ranjan, AEE NERPC 08787892650 47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	41	Sh. Sanjeev Kumar Sharma, Manager (E)	NHPC	09630950336
44 Sh. S. M. Aimol, Director NERPC 08974002106 45 Sh. A. Agarwal, Dy.Director NERPC 0987126695 46 Sh. Shaishav Ranjan, AEE NERPC 08787892650 47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	42	Sh. A. Majumdar, AGM	NTPC	09650990503
45 Sh. A. Agarwal, Dy.Director NERPC 0987126695 46 Sh. Shaishav Ranjan, AEE NERPC 08787892650 47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	43	Sh. K. B. Jagtap, Member Secretary	NERPC	
46 Sh. Shaishav Ranjan, AEE NERPC 08787892650 47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	44	Sh. S. M. Aimol, Director	NERPC	08974002106
47 Sh. Vikash Shankar, AD-I NERPC 0945533175 48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	45	Sh. A. Agarwal, Dy.Director	NERPC	09871266951
48 Sh.Dinesh Kr.Singh, AD-I NERPC 0704211826	46	Sh. Shaishav Ranjan, AEE	NERPC	08787892650
	47	Sh. Vikash Shankar, AD-I	NERPC	09455331756
49 Sh. Rajib Das, AEE NERPC -	48	Sh.Dinesh Kr.Singh, AD-I	NERPC	07042118261
	49	Sh. Rajib Das, AEE	NERPC	-
50 Sh. Ashim Goswami, AD-II NERPC 0863896648	50	Sh. Ashim Goswami, AD-II	NERPC	08638966481

उ.पू.क्षे ग्रिड प्रदर्शन



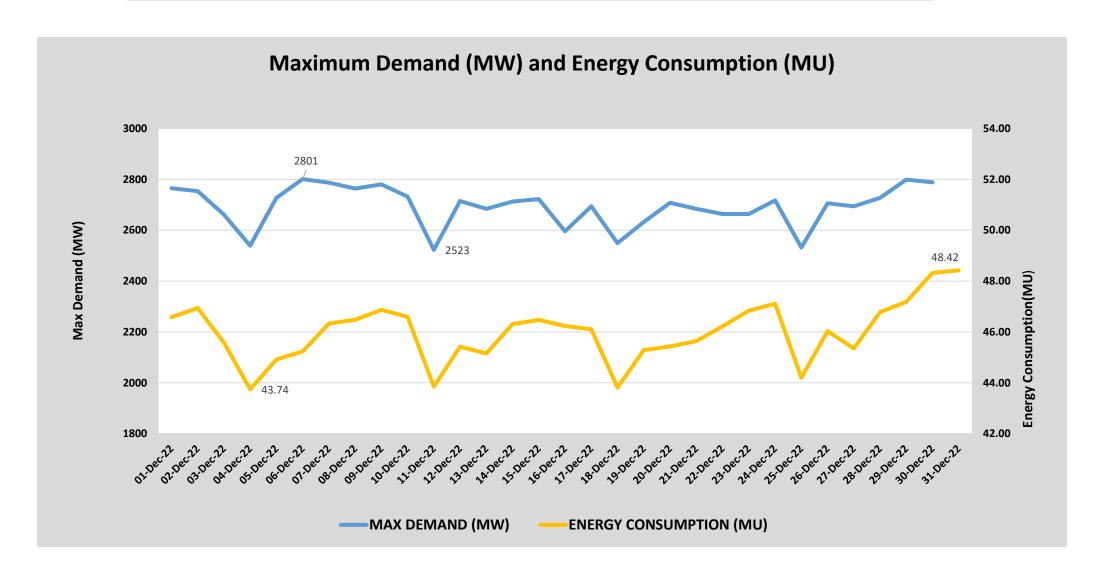
NER GRID PERFORMANCE

For the month December 2022

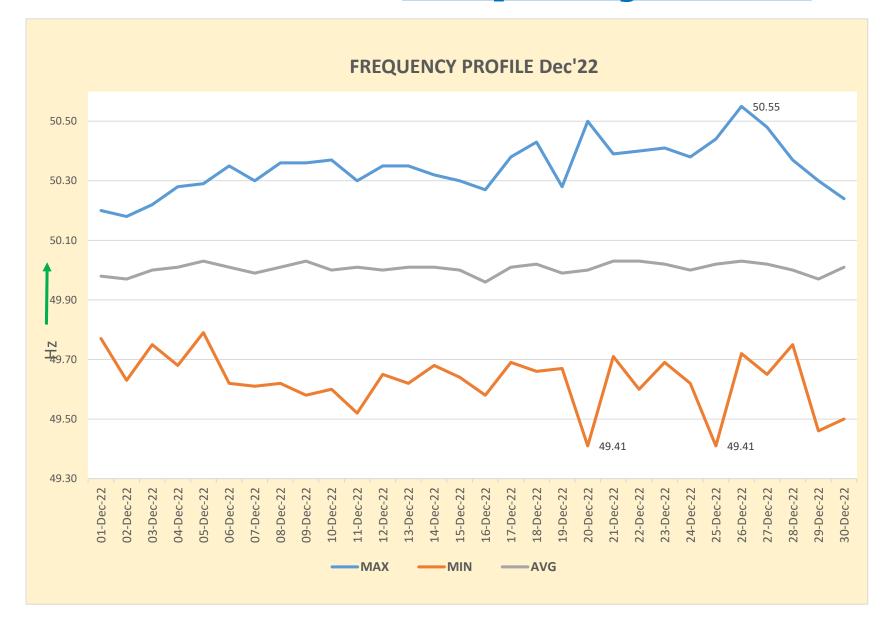
North-Eastern Regional Load Despatch Centre Grid-India, Shillong

Maximum MW and MU in NER: December 2022



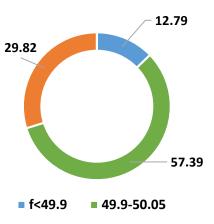


Frequency Profile





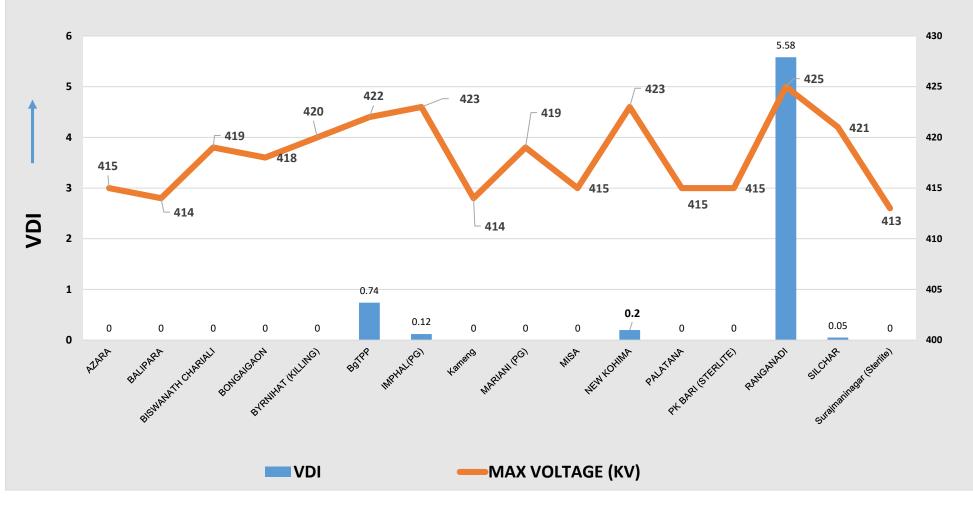
FREQ PROFILE FOR Dec'22





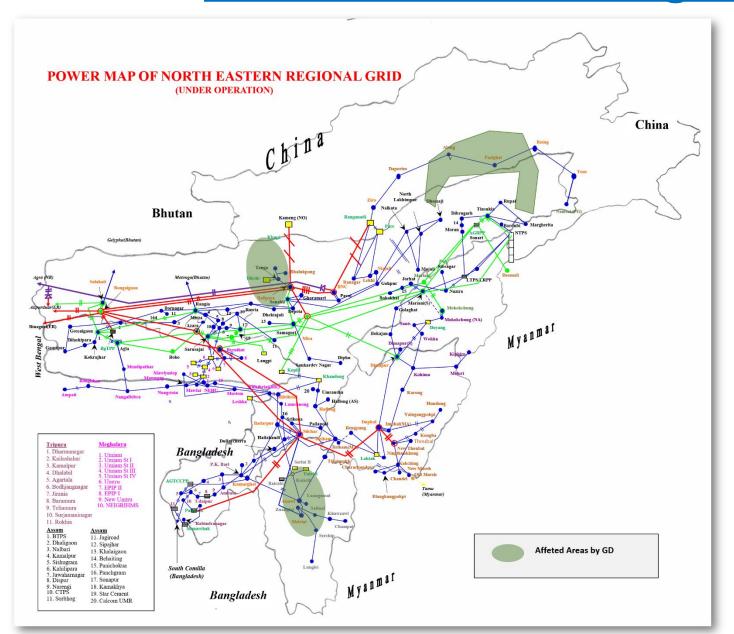
VDI (400 KV) FOR December 2022

No. of 400 kV lines kept open for over voltage: 2



Grid Disturbance during December 2022



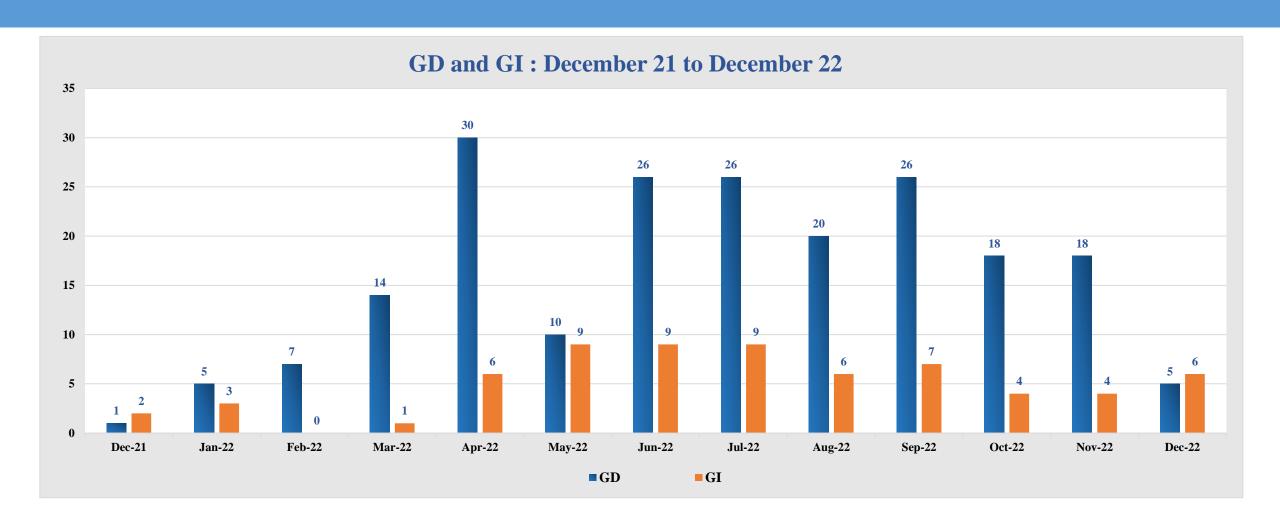


No. of GD	5
No. of GI	6

SI.		
No.	Element	Number of times
1	132 kV Balipara-Tenga line	caused GD 1 time
2	132 kV Along-Pasighat line	caused GD 1 time
3	132 kV Kolasib - Turial line	caused GD 1 time
4	132 kV Aizawl - Luangmual line	caused GD 2 times



Grid Disturbance/Incidences for last 12 Months





Projected Hydro Generation Availability

Plants	Reservoir Level in meters (as on 24/12/2022)	MU Content	Present DC (MU)	No of days as per current Generation
Khandong + Kopili STG II	_	_	_	_
Kopili	-	-	_	-
Doyang	316.51	16	0.18	89
Loktak	766.63	16	0.61	26



OCC approved shutdown availing status for the month of December 2022

SUMMARY OF NER OUTAGE

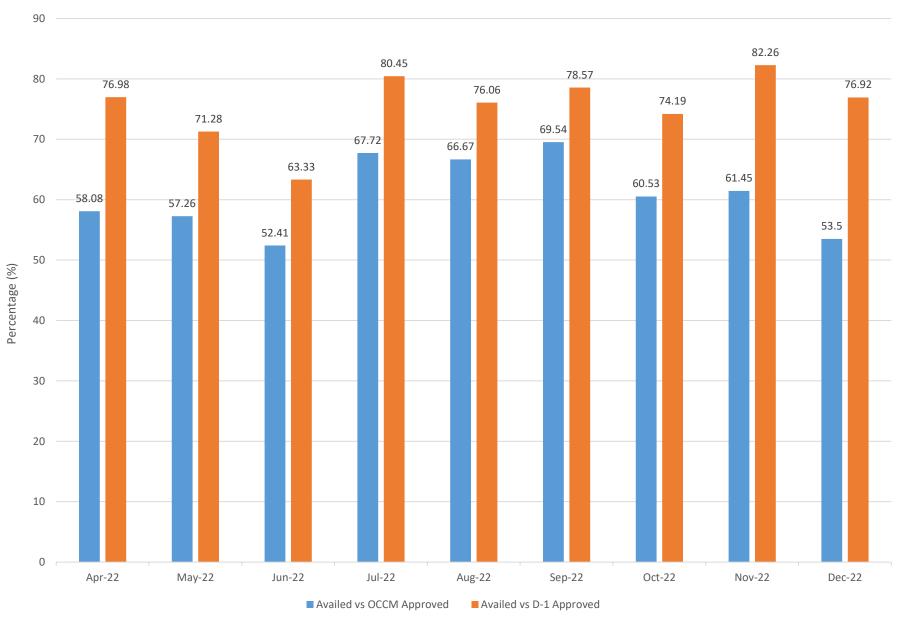
MONTH	PLANNED IN OCC	APPROVED IN D-1	AVAILED IN REAL TIME	AVAILED VS PLANNED	AVAILED VS APPROVED	DEFFERED BY RLDC DUE TO SYSTEM CONSTRAINT
December-22	243	169	130	53.50%	76.92%	8



	OCC Approved	D-1 Approved	Availed	Not Availed	RLDC Deferred
NER	243	169	130	39	8
NERTS	142	84	61	23	5
ASSAM	58	53	48	5	2
MANIPUR	0	0	0	0	0
MEGHALAYA	8	4	2	2	1
NAGALAND	0	0	0	0	0
MIZORAM	0	0	0	0	0
TRIPURA	1	1	1	0	0
Arunachal Pradesh	0	0	0	0	0
NETC	2	2	2	0	0
KMTL	13	10	8	2	0
NEEPCO	7	6	4	2	0
NTPC	6	6	3	3	0
ОТРС	6	3	1	2	0
INDIGRID	0	0	0	0	0
NHPC	0	0	0	0	0

Approved Shutdown availing trend in percentage





RMSE of Load forecast for Dec'22



RMSE of the forecasted Demand by SLDCs Vs Actual Demand met as per SEM by SLDCs (as per IEGC c1.5.3):

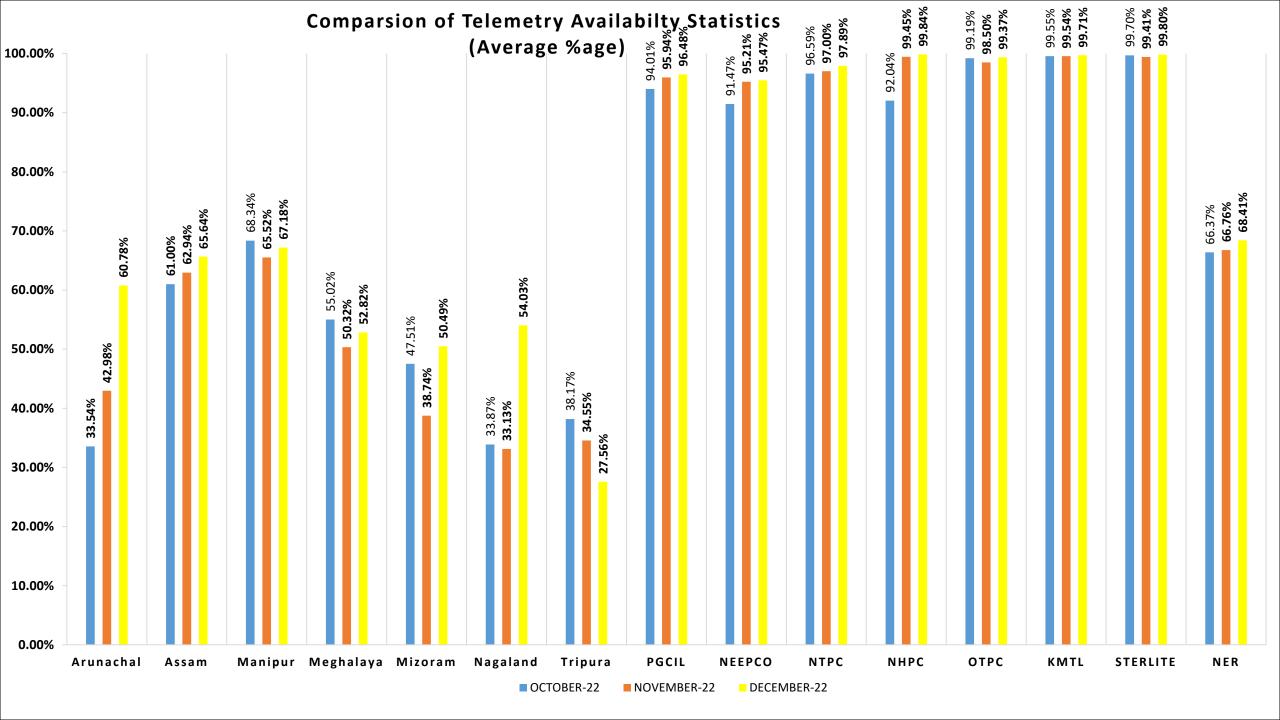
$$RMSE = \sqrt{\frac{\sum_{i=1}^{N} (Predicted_{i} - Actual_{i})^{2}}{N}}$$

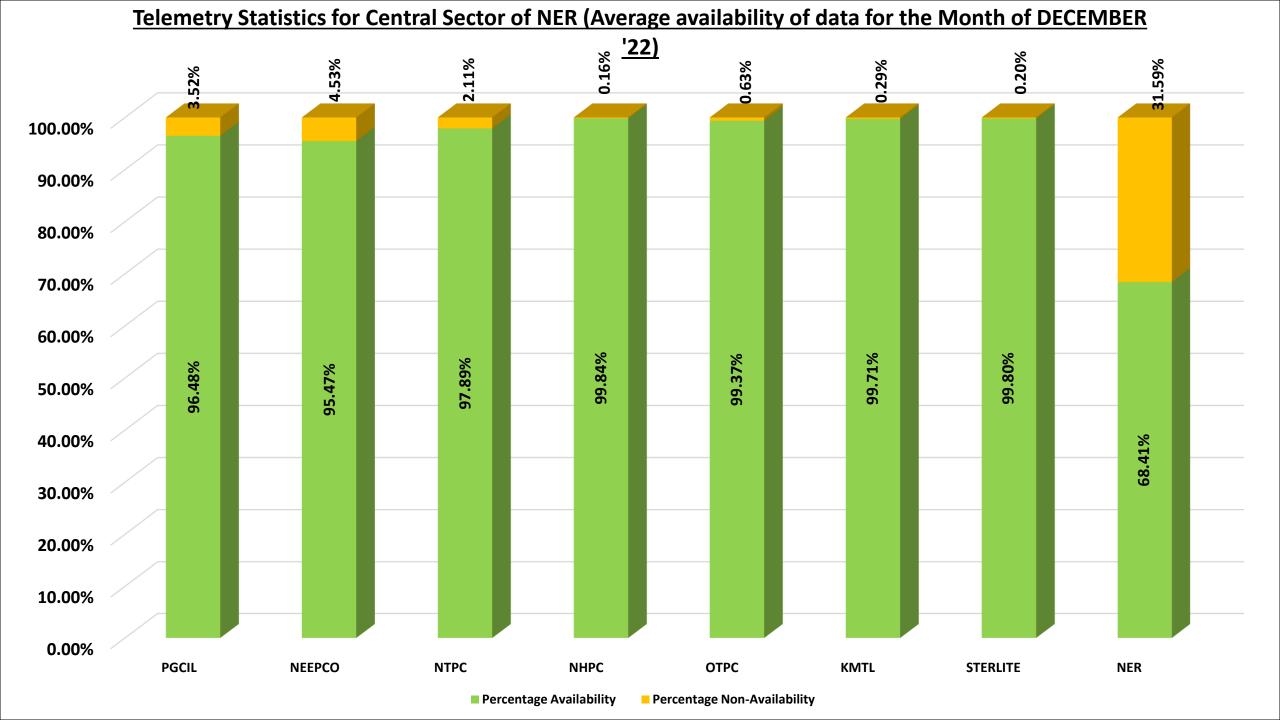
Where, **Predicted**_i = Forecasted Value **Actual**_i = Actual value **N** = Total number of observations.

	Arunachal Pradesh	Assam	Manipur	Meghalaya	Mizoram	Nagaland	Tripura
Median	14	4	8	6	17	20	12

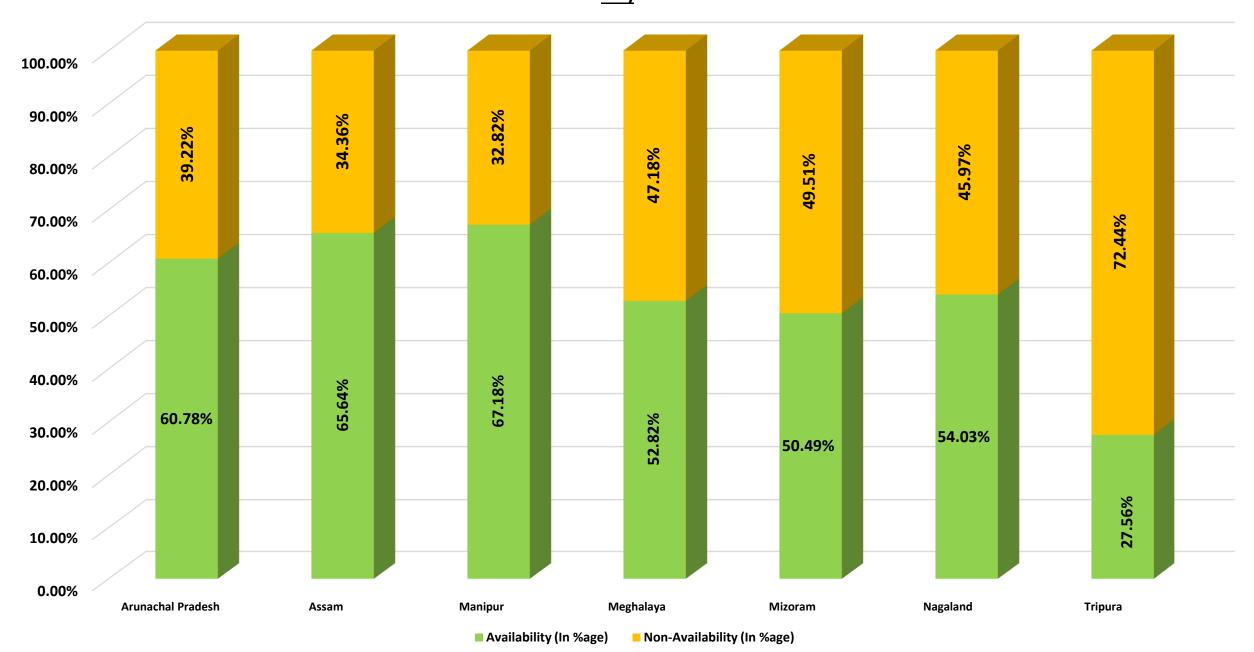


Telemetry and Data Availability





Telemetry Statistics for NER States (Average availability of data for the Month of DECEMBER '22)







Approved Shutdown for the month of February 2023 Name of Element 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 SHUTDOWNS PROPOSED BY PGCIL 132kV Transmission lines Annexure B The SD may be availed subject to availability of 132 kV R C Nagar- Agartala line I & II Replacement of lightning damaged insulators at rmal Maintenance related shutdown 132kV RC Nagar - Kumarghat TL 0700Hrs to 1500Hrs various loc such as 105 106 118 and 132 kV R C Nagar - P K Bari I & II. The SD may be availed subject to availability of 132 kV BNC - Pavoi Ckt -2 and 132 kV BNC-Chimpu DC. ONSENT FROM ASSAM RECEIVED 2 132kV BNC - Pavoi Ckt #1 TL 0700Hrs to 1500Hrs AMP of Bay Equipments at Pavoi end The SD may be availed subject to availability of 132kV BNC - Payoi Ckt -1, and 132 kV 3 132kV BNC - Pavoi Ckt #2 TL 0700Hrs to 1500Hrs AMP of Bay Equipments at Payoi end rmal Maintenance related shutdow BNC- Chimpu DC. SD may be availed subject to availability of 132 kV Dimapur - Doyang 2 and 220 kV 4 132kV Dimanur - Dovang - 1 TL 0700Hrs to 1500Hrs For removal of balance arching horn from TL SD may be availed subject to availability of 132 kV Dimapur - Doyang 1 and 220 kV 5 132kV Dimapur - Dovang - 2 TL 0700Hrs to 1500Hrs For removal of balance arching horn from TI rmal Maintenance related shutdow Mariani-Mokokchung DC. present, due to low generation at Meghalaya power system and outage of 132 Khadong-opili link, 132 kV Haflong-Jiribam line and 132 kV Loktak-Jiribam line, the Meghalaya power system is not N-I compliant. The SD may only be availed after restoration of Khanong-Kopili link. 6 132kV Khliehriat - Badarpur TL 0700Hrs to 1500Hrs For replacing old BPL PLCC with new Hitachi The SD may be availed. Ziro. Daporizo, Along, Pasighat Roing, Tezu and Namsai area 7 132 kV Ranganadi-Ziro TL ENT FROM AP NOT RECEIVED rmal Maintenance related shutdown For replacing old BPL PLCC with new Hitachi 8 132kV Khliehriat - Khliehriat - 1 TL <mark>se</mark>nt from meghalaya received 0700Hrs to 1500Hrs rmal Maintenance related shutdown SD may be availed subject to availability of 132kV Khlierihat - Khlierihat II line 9 132kV Kumarghat - Karimganj TL SENT FROM ASSAM RECEIVED 0700Hrs to 1500Hrs For infringment clearing in span 332-337. mal Maintenance related shutdown The SD may be availed subject to availability of 132 kV Badarpur Karimganj line 10 132kV Melriat - Aizwal TL 0700Hrs to 1500Hrs For removal of balance arching horn from TL mal Maintenance related shutdown The SD may be availed subject to availability of 132 kV Silchar-Melriat DC. The SD may be availed subject to availability of 132 kV Aizawl-Lungmual-Melriat(Mz) ink. The Mizoram load may be limited to 65 MW as low voltage issue may arise during the SD period. 11 132kV Melriot - Zemohowk TI 0900Hrs to 1400Hrs For removal of balance arching horn from TL CSD 0900Hrs to For conductor restringing to HTLS under NERSS 12 132kV Loktak - Jiriham TL struction Related Shutdown The element is already under shutdown till Feb 2023. SD may be availed. resent, on low generation from Meghalaya power system and outage of 132 Khadong 13 132kV Silchar - Badarpur - 1 TL 0700Hrs to 1500Hrs For removal of balance arching horn from TL t present, on low generation from Meghalaya power system and outage of 132 Khadong-Copili link, 132 kV Haflong-Jiribam line and 132 kV Loktak-Jiribam line, the Meghalaya 14 132kV Silchar - Badarpur - 2 TL 0700Hrs to 1500Hrs For removal of balance arching horn from TL mal Maintenance related shutdown power system is not N-1 compliant. The SD may only be availd after restoration of Khanong -Kopili link. 0700Hrs to 1500Hrs For removal of balance arching horn from TL 15 | 132kV Silchar - Hailakandi - 1 TL ONSENT FROM ASSAM RECEIVED The SD may be availed subject to avaiilability of 132kV Silchar - Hailakandi - 2. 16 132kV Silcher - Heilekendi - 2 TL NSENT FROM ASSAM RECEIVED 0700Hrs to 1500Hrs For removal of balance arching horn from TL rmal Maintenance related shutdown The SD may be availed subject to availability of 132kV Silebar - Hailakandi - 1 17 132kV Silchar - Srikona - 1 TL along with 132kV Bus-1 at Silchar The SD may be availed subject to availability of 132kV Silchar - Srikona - 2 TL. Rest of the element must be transferred to Bus II at Silchar before taking the SD. 0700Hrs to 1500Hrs AMP of Bus and Rectification of Bus isolater For replacement of existing gang operated CB by single pol-operated CB to enable single phase auto reclose scheme at AEGCL, Rangis Substation. 18 132kV Rangia - Motonga TL SD may be availed. Consent from NLDC is to be taken SENT FROM NLDC REQUIRED 19 132kV Salakati - Golonbu TI 0800Hrs to 1600Hrs AMP of Bay Equipments SD may be availed. Concent from NLDC is to be taken Auto reclosure to be kept at non auto mode for OPGW 20 A/R of 132kV Balipara - Khupi TL 0700Hrs to 1700Hrs xisting system improvement related shutdown. Auto Reclosure may be kept in Non-Auto Mode Auto reclosure to be kept at non auto mode for OPGW works Existing system improvement related 21 A/R 132kV Roing - Tezu TL 0700Hrs to 1700Hrs Auto Reclosure may be kept in Non-Auto Mode Existing system improvement related Auto reclosure to be kept at non auto mode for 22 A/R 132kV Tezu - Namsai TL 0700Hrs to 1700Hrs Auto Reclosure may be kept in Non-Auto Mode 220kV Transmission lines The SD may be availed subject to availability of 220kV Misa - Dimanur - 2 and 132 kV 23 220kV Misa - Dimanur - 1 TL 0700Hrs to 1500Hrs For removal of balance arching horn from TL The SD may be availed subject to availability of 220kV Misa - Dimapur - 1 and 132 kV 24 220kV Misa - Dimapur - 2 TL 0700Hrs to 1500Hrs For removal of balance arching born from TL Disnosus/Inoshol Ilino.

SD may be availed. Flowgate of Upper Assam to be maintained below 245 MW during the SD period.

The SD may be availed subject to availability of 220kV Misa - Samagari-1,220 kV Azara-Sungari-1,220 kV Azara 25 220kV New Mariani(PG) - Old Mariani(AEGCL) TL CSD 0700Hrs to MATION TO NEEPCO & ASSAM for stringing works of Anchor tower at Mariani 26 220kV Misa - Samaguri -2 TL 0700Hrs to 1500Hrs AMP of Bay Equipments 27 220kV Misa - Brynihat -2 TL 0700Hrs to 1500Hrs AMP of Bay Equipments The SD may be availed subject to availability of 220kV Misa - Brynihat -1 line 0800Hrs to 1300Hrs CT Oil Sampling The SD may be availed subject to availability of 220kV Misa - Dimapur - 1 and 132 kV 28 220 kV Misa-Dimapur #2 TL 0800Hrs to 1500Hrs AMP of Bay Equipments 29 220 kV Misa-Samaguri #1 TL rmal Maintenance related shutdown Auto reclosure to be kept at non auto mode for 30 A/R 220kV Misa - Kopili - 1 TL 0700Hrs to 1700Hrs Auto Reclosure may be kept in Non-Auto Mode Auto reclosure to be kept at non auto mode for Existing system improvement related 31 A/R 220kV Misa - Kopili - 2 TL 0700Hrs to 1700Hrs Auto Reclosure may be kept in Non-Auto Mode OPGW works shutdown 0700Hrs to 1700Hrs Auto recom-OPGW works Existing system improvement related Auto reclosure to be kept at non auto mode for 32 A/R 220kV Misa - Dimapur - 1 TL Auto Reclosure may be kept in Non-Auto Mode Auto reclosure to be kept at non auto mode for Existing system improvement related 33 A/R 220kV Misa - Dimapur - 2 TL 0700Hrs to 1700Hrs Auto Reclosure may be kept in Non-Auto Mode OPGW works he SD may be availed subject to availability of 220kV Salakati - Bongaigaon -2 and both 34 220kV Salakati - Bongaigaon - 1 TL 0700Hrs to 1500Hrs AMP of Bay Equipments ormal Maintenance related shutdown The SD may be availed subject to availability of 220kV Salakati - Bongaigaon -1 and both 35 220kV Salakati - Bongaigaon - 2 TL 0700Hrs to 1500Hrs AMP of Bay Equipments rmal Maintenance related shutdow 400/220 kV ICTs at BoTPP 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 400kV Transmission lines The SD may avance only after commission of second circuit of 22 kV balipara-Sonbti ine. Outage of both circuit of 400 kV Misa - Balipara DC would shift the 60% of load to 220 kV Balipar-Sonabil line, Thus Ithe loading of 220 kV balipara-Sonabil line would ge For OPGW installation work under river crossing sections & 36 400 kV Misa - Balipara # 1 TL 0800Hrs to 1700Hrs Existing system improvement related shutdown For OPGW installation work under river crossing sections & 37 400 kV Misa - Balipara # 2 TL 0800Hrs to 1700Hrs Existing system improvement related shutdown. Outage of both circuit of 400 kV Misa - Balinara DC would shift the 60% of load longer span sections Firmware ungradation of Main-II Existing system improvement related 38 400kV BNC-Balipara Ckt#1 TL 0900Hrs to 1300Hrs The SD may be availed subject to availability of 400kV BNC-Balipara II, III, and IV. Firmware upgradation of Main-II Distance(MiCOM) Relay Existing system improvement related 39 400kV BNC-Balipara Ckt#2 TL 0900Hrs to 1300Hrs The SD may be availed subject to availability of 400kV RNC-Ralinara L III and IV Auto reclosure to be kept at non auto mode for Existing system improvement related 40 A/R of 400kV New Mariani - Misa - 1 TL Auto Reclosure may be kept in Non-Auto Mode OPGW works Auto reclosure to be kept at non auto mode for 41 A/R of 400kV New Mariani - Misa - 2 TL 0700Hrs to 1700Hrs Auto Reclosure may be kept in Non-Auto Mode OPGW works 42 400kV Balipara - Bongaigaon - 1 TL For replacement of disc insulator with CLR The SD may be availed subject to availability of 400kVBalipara-Bongaigaon II, III, and 0700Hrs to 1500Hrs ormal Maintenance related shutdown polymer in Major crossings 43 400kV Balipara - Bongaigaon - 2 TL he SD may be availed subject to availability of 400kVBalipara-Bongaigaon I, III, and IV polymer in Major crossings For replacement of disc insulator with CLP 44 400 kV Misa - Balipara #1 TL 0700Hrs to 1500Hrs rmal Maintenance related shutdown The SD may be availed subject to availability of 400 kV Misa - Balipara -II line. polymer in Major crossings

Modification in PRV wiring to reduce 45 400kV Silchar - Palatana - 1 TL along with LR Existing system improvement related 0700Hrs to 1500Hrs The SD may be availed subject to availability of 400kV Silchar - Palatana - 2. maloperation and Frimware upgradation of shutdown distance relay 46 400kV Silchar - Palatana - 2 TL along with Existing system improvement related 0700Hrs to 1500Hrs | maloperation and Frimware upgradation of The SD may be availed subject to availability of 400kV Silchar - Palatana - 1 distance relay For replacement of disc insulator with CLR polymer in Major crossings 47 400 kV Misa - New Mariani # 2 TL 0700Hrs to 1500Hrs rmal Maintenance related shutdown The SD may be availed subject to availability of 400 kV Misa - New Mariani I line For replacement of disc insulator with CLR 48 400 kV Misa - Balipara # 2 TL 0700Hrs to 1500Hrs rmal Maintenance related shutdown The SD may be availed subject to availability of 400 kV Misa - Balipara I line polymer in Major crossings Auto reclosure to be kept at non auto mode for Existing system improvement related 49 A/R 400kV Misa - Balipara # 1 0700Hrs to 1800Hrs Auto Reclosure may be kept in Non-Auto Mode OPGW works shutdown Auto reclosure to be kept at non auto mode for Existing system improvement related 50 A/R 400kV Misa-Balipara # 2 Auto Reclosure may be kept in Non-Auto Mode OPGW works shiitdown Auto reclosure to be kept at non auto mode for OPGW works

0700Hrs to 1800Hrs

0700Hrs to 1800Hrs

Auto reclosure to be kept at non auto mode for

OPGW works

Existing system improvement related

Auto Reclosure may be kept in Non-Auto Mode

Auto Reclosure may be kept in Non-Auto Mode

51 A/R 400kV Misa-New Mariani # 1

52 A/R 400kV Misa-New Mariani # 2

			Feb-23							
	1 2 3 4	5 6 7	8 9 10 11 12 13 14 15 16 17 18 19 2	20 21 22 23 24	25 26	27 28			Category	
220kV Dimapur SS										
220/132kV 100MVA ICT-3 at Dimapur							0700Hrs to 1500Hrs	AMP of ICT	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 220/132kV ICT II and I at Dimapur.
400kV Mariani SS										
220kV Bus Coupler at Mariani 220kV Future Bay- 211 at Mariani								AMP of Bay Equipments AMP of Bay Equipments	Normal Maintenance related shutdown. Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements. SD may be availed subject to no outage of elements.
220kV Future Bay - 212 at Mariani								AMP of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements. SD may be availed subject to no outage of elements.
125MVAR Bus Reactor - 1 Tie Bay at								AMP of Bay Equipments	Normal Maintenance related shutdown.	125 MVAR Bus Reactor -1 connectd to both the 400 kV Buses at 400 kV Mariani SS. S
Mariani 125MVAR Bus Reactor - 1 Main Bay at								AMP of Bay Equipments		may be availed subject to no outage of elements. 125 MVAR Bus Reactor -1 connectd to both the 400 kV Buses at 400 kV Mariani SS. S
Mariani							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	may be availed subject to no outage of elements.
400 kV ICT#1 & Balipara #2 Tie Bay at										
Misa						'	0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
220 kV Bus Coupler Bay at Misa						1	0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
400 kV ICT #2 Main #2 Bay at Misa							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	315 MVA ICT II directly connected to both bus at 400 kV Misa SS. SD may be availed subject to no outage of elements.
400 kV ICT #2 Main #1 Bay at Misa							0800Hrs to 1300Hrs	CT Oil Sampling	Normal Maintenance related shutdown.	315 MVA ICT II directly connected to both bus at 400 kV Misa SS. SD may be availed
400kV Balipara #2 Main Bay at Misa							0800Hrs to 1300Hrs	CT Oil Sampling	Normal Maintenance related shutdown.	subject to no outage of elements. Balipara II & 500 MVA ICT I is sharing the dia at 400 kV Buses at 400 kV Misa SS. S
			 							may be availed subject to no outage of elements. 50 MVAR Bus Reactor (individual switchable) & Balipara I (Now both elements direct)
400kV Balipara #1 Main #1 Bay at Misa							0800Hrs to 1300Hrs		Normal Maintenance related shutdown.	connected to both bus(s)) at 400 kV Misa SS. SD may be availed subject to no outage of 50 MVAR Bus Reactor (individual switchable) & Balipara I (Now both elements direct
400kV Balipara #1 Main #2 Bay at Misa						1	0800Hrs to 1300Hrs	CT Oil Sampling	Normal Maintenance related shutdown.	connected to both bus(s)) at 400 kV Misa SS. SD may be availed subject to no outage of
400kV, 50 MVAr Bus Reactor #1 at Misa							0800Hrs to 1300Hrs	CT Oil Sampling	Normal Maintenance related shutdown.	50 MVAR Bus Reactor (individual switchable) & Balipara I (Now both elements directl connected to both bus(s)) at 400 kV Misa SS. SD may be availed subject to no outage of
400kV Silchar SS										\(\tilde{\pi}\)
400/132kV 200MVA ICT-1 at Silchar							0900Hrs to 1500Hrs	Modification in OTI/WTI and PRV circuit to	Existing system improvement related	SD may be availed subject to availability of 400/132kV ICT-II & III at Silchar.
·								reduce maloperation of the equipment Modification in OTI/WTI and PRV circuit to	shutdown. Existing system improvement related	
63MVAr Bus Reactor-2 at Silchar						'	09001118 10 13001118	reduce maloperation of the equipment	shutdown.	SD may be availed. 2-3 kV voltage change is expected at 400 kV Silchar SS.
125MVAr Bus Reactor - 3 at Silchar								Modification in OTI/WTI and PRV circuit to reduce maloperation of the equipment	Existing system improvement related shutdown.	SD may be availed. 5-6 kV voltage change is expected at 400 kV Silchar SS.
400kV Bus - 2 at Silchar							0900Hrs to 1500Hrs		Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements. All elements must be shifted to oth
			Feb-23							AUREN Hue before taking the SD
	1 2 3 4	5 6 7	8 9 10 11 12 13 14 15 16 17 18 19 2	20 21 22 23 24	25 26	27 28			Category	
400kV Bongaigaon SS										
ICT 1 & New Siliguri 1 Tie Bay at Bongaigaon							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
New Siliguri 2 & BR 1 Tie Bay at							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
Bongaigaon										50 MVAR Bus Reactor II & Balipara II is sharing dia at 400 kV Bongaigaon SS. SD m
Balipara 2 Main Bay at Bongaigaon							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	be availed subject tono outage of elements at Bongaigaon.
Balipara 3 & Azara Tie bay at Bongaigaon							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
Byrnihat Main bay at Bongaigaon							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	400 kV Killing & 400 kV BTPS I is sharing dia at 400 kV Bongaigaon SS. SD may b availed subject tono outage of elements at Bongaigaon.
Bus reactor 3 Main bay at Bongaigaon							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	400 kV 2x80 MVAR Bus Reactor-III & IV& 400 kV BTPS II is sharing dia at 400 kV
										Bongaigaon SS. SD may be availed subject tono outage of elements at Bongaigaon. 400 kV 2x80 MVAR Bus Reactor-III & IV& 400 kV BTPS II is sharing dia at 400 kV
Bus reactor 4 main bay at Bongaigaon								AMP of Bay Equipments	Normal Maintenance related shutdown.	Bongaigaon SS. SD may be availed subject tono outage of elements at Bongaigaon.
ICT#1 main bay at Bongaigaon						1	0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	ICT 1 & New Siliguri 1 is sharing dia at 400 kV Bongaigaon SS. SD may be availed subject to no outage of elements at Bongaigaon.
Balipara 3 & Azara Tie bay at Bongaigaon							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
80MVAR Bus Reactor # 3 at Bongaigaon							0700Hrs to 1500Hrs	AMP of Bus Reactor	Normal Maintenance related shutdown.	SD may be availed. 2-3 kV voltage change is expected at 400 kV Bongaigaon SS.
80MVAR Bus Reactor # 4 at Bongaigaon							0700Hrs to 1500Hrs		Normal Maintenance related shutdown.	SD may be availed. 2-3 kV voltage change is expected at 400 kV Bongaigaon SS.
oomvak bus keactor # 4 at Bongargaon			Feb-23		_		07001118 to 13001118	AMF OF BUS REACTOR	Normal Maintenance related structown.	SD may be availed. 2-3 kV voxage change is expected at 400 kV Bongargaon 55.
			8 9 10 11 12 13 14 15 16 17 18 19 2	20 21 22 22 24	25 26	27 20			Category	
400kV Balipara SS					20 20	21 25				
-						C	SD 0900Hrs to			
400kV 50MVAR Biswanath Chariali -2 L/R at Balipara						17		Rectification of the Existing Reactor	Normal Maintenance related shutdown.	SD may be availed. 2 kV Voltage change is expected at 400kV Balipara SS.
400kV BNC-1 Main Bay at Balipara					-		,	AMP of Bay Equipments	Normal Maintenance related shutdown.	Misa I & Biswanath Chariali I is sharing dia at 400 kV Balipara SS. SD may be availe
400kV BNC-2 Main Bay at Balipara		_			_			AMP of Bay Equipments	Normal Maintenance related shutdown.	Subject to no outage of elements Misa II & Biswanath Chariali II is sharing dia at 400 kV Balipara SS. SD may be availe
400kV Bus Reactor - 3 Main Bay at										125 MVA Bus Reactor-3 connected to both 400 kV Bus at 400 kV Balipara SS. SD ms
Banpara							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	be availed subject to no outage of elements.
400kV Bongaigaon - 4 Main Bay at Balipara							0900Hrs to 1300Hrs	CT Oil Sampling	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
400kV Bus Reactor - 1 Main Bay at							0900Hrs to 1300Hrs	CT Oil Sampling	Normal Maintenance related shutdown.	315 MVA ICT II & 80 MVAR Bus Reactor-2is sharing dia at 400 kV Balipara SS.SD
Banpara								Modification in OTI/WTI and PRV circuit to	Existing system improvement related	may be availed subject to no outage of elements.
400/220kV 315MVA ICT-1 at Balipara							0700Hrs to 1500Hrs	reduce maloperation of the equipment	shutdown.	SD may be availed subject to availability of 400/220 kV ICT-II at Balipara.
400/220kV 315MVA ICT-2 at Balipara							0700Hrs to 1500Hrs	Modification in OTI/WTI and PRV circuit to reduce maloperation of the equipment	Existing system improvement related shutdown.	SD may be availed subject to availability of 400/220 kV ICT-I at Balipara.
220/132kV ICT-1 HV side bay at Balipara							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
			Feb-23							<u> </u>
Name of Element	1 2 3 4	5 6 7	8 9 10 11 12 13 14 15 16 17 18 19 2	20 21 22 23 24	25 26	27 28	Time	Remarks	Category	
400kV Imphal SS										
400/132kV 315MVA ICT_1 at Imphal							0700Hrs to 1500Hrs	AMP of ICT	Normal Maintenance related shutdown.	SD may be availed subject to availability of 400/132kV 315MVA ICT-II at Imphal and 1
400/132kV 315MVA ICT_1 at impnai 400/132kV 315MVA ICT_2 Main Bay at										kV Jirībam-Rengpang-Loktak link. Silchar-2 & 315 MVA ICT 2 is sharing dia at 400 kV Imphal SS.SD may be availed
Imphal						'	0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	subject to no outage of elements.
400kV New Kohima - 1 Main Bay at Imphal							0700Hrs to 0900Hrs	for CT oil sampling	Normal Maintenance related shutdown.	New Kohima-1 & 315 MVA ICT 1 is sharing dia at 400 kV Imphal SS.SD may be availed subject to no outage of elements.
400kV New Kohima - 2 Main Bay at							0900Hrs to 1100Hrs	for CT oil sampling	Normal Maintenance related shutdown.	New Kohima-2 & 125 MVAr Bus Reactor-2 is sharing dia at 400 kV Imphal SS.SD ma
Imphal 400kV New Kohima - 2 Bus Reactor-2 Tie										be availed subject to no outage of elements.
Bay at Imphal							1100Hrs to 1300Hrs	for CT oil sampling	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
400kV 125MVAr Bus Reactor Main Bay at Imphal							1300Hrs to 1500Hrs	for CT oil sampling	Normal Maintenance related shutdown.	New Kohima-2 & 125 MVAr Bus Reactor-2 is sharing dia at 400 kV Imphal SS.SD ms be availed subject to no outage of elements.
800kV BNC SS										or arange surject to no onage of elements.
ICT # 2 Main bay at BNC							0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	400/132 kV 200MVA ICT 2 and 400/132 kV 200 MVA ICT 1 is sharing dia at 400 kV
ICT # 1 & ICT # 2 Tie Bay at BNC								AMP of Bay Equipments	Normal Maintenance related shutdown.	RNC SD may be availed subject to no outage of elements. SD may be availed subject to no outage of elements.
LS # 1 & LS # 2 Tie Bay at BNC								AMP of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
Balipara # 2 Main bay at BNC								AMP of Bay Equipments	Normal Maintenance related shutdown.	Balipara 4 and Balipara 2 is sharing dia at 400 kV BNC. SD may be availed subject to n
			CONSENT FROM NLDC REQUIRED					AMP of Bay Equipments	Normal Maintenance related shutdown.	Filter Bank 3 connected to both Busses via Double Bus Scheme at 400 kV BNC. SD ma
Filter # 3 Sub bank # 1 bay at BNC					_					the availant surticent to no outside of elements
Filter # 3 Sub bank # 1 bay at BNC Filter # 3 Sub bank # 2 bay at BNC			CONSENT FROM NLDC REQUIRED				0700Hrs to 1500Hrs	AMP of Bay Equipments	Normal Maintenance related shutdown.	Se availed subject to no outson of elements. Filter Bank 3 connected to both Buses via Double Bus Scheme at 400 kV BNC. SD may be availed exhibited to no outson of elements.

104 132kV Pavoi Ckt # 2 Main Bay at BNC		0.00	0700Ure to 1500Ure AMB	P of Bay Equipments. Line will be in service	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
105 400/132kV 200MVA ICT-2 at BNC			0700Hrs to 1500Hrs AMP		Normal Maintenance related shutdown.	The SD may be availed subject to availability of 400/132kV 200MVA ICT-1 and 132 kV
106 Lower Subansiri # 3 Main bay at BNC			0700Hrs to 1500Hrs AMP		Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
107 Lower Subansiri # 4 Main bay at BNC		o:	0700Hrs to 1500Hrs AMP	P of Bay Equipments	Normal Maintenance related shutdown.	SD may be availed subject to no outage of elements.
Name of Element	Feb-23		Time	Remarks	Category	
Interregional/International	5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28				
108 800KV AGRA BNC - I (S/D proposed by NR3)	CONSENT FROM NLDC REQUIRED			diversion of line in section 3715 to 3724 for astruction of Ganga Expressway	Construction Related Shutdown	SD may be availed. Consent from NLDC is to be taken.
109 800KV AGRA BNC - II (S/D proposed by	CONSENT FROM NLDC REQUIRED		CSD 0800Hrs to For	diversion of line in section 3715 to 3724 for	Construction Related Shutdown	SD may be availed. Consent from NLDC is to be taken.
110 220KV ALIPURDUAR - SALAKATI - 2 TL	CONSENT FROM NEDC REQUIRED		CSD 0800Hrs to Re-	struction of Ganga Expressway Conductoring work under NERSS - XII	Construction Related Shutdown	SD may be availed consent from NLDC is required, 400 kV Bongaigaon - Alipurduar DC,
111 220KV ALIPURDUAR - SALAKATI - 1 TL				Conductoring work under NERSS - XII	Construction Related Shutdown	400kV Bongaigaon - Binaguri DC mus to be in service. NER-ER TTC/ATC will be SD may be availed consent from NLDC is required. 400 kV Bongaigaon - Alipurduar DC,
112 AR OF 220KV ALIPURDUAR - SALAKATI -	CONSENT FROM NLDC REQUIRED CONSENT FROM NLDC REQUIRED	O.	1800Hrs paks 0800Hrs to 1800Hrs	tage Conductoring work under NERSS - XII	Construction Related Shutdown	400kV Bongaigaon - Binaguri DC mus to be in service. NER-ER TTC/ATC will be A/R to be kept in non-auto mode
2 IL	CONSTAT FROM NI DE REGUIRED			tage Conductoring work under NERSS - XII	Construction Related Shutdown	A/R to be kept in non-auto mode
11 TL 114 400KV BINAGURI-BONGAIGAON - 1 TL	COOL 1 HOUSE ALL REQUIRED		Daka	cage Conductoring work under NERSS - XII		SD may be availed consent from NLDC is required, 400 kV Bongaigaon - Alipurduar DC.
115 400KV BINAGURI-BONGAIGAON - 2 TL	CONSENT FROM NLDC REQUIRED		1800Hrs pake CSD 0800Hrs to Re-	cage Conductoring work under NERSS - XII	Construction Related Shutdown	220 kV Bongaigaon - Alipurduar DC mus to be in service. NER-ER TTC/ATC will be SD may be availed consent from NLDC is required. 400 kV Bongaigaon - Alipurduar DC, 220 kV Bongaigaon - Alipurduar DC mus to be in service. NER-ER TTC/ATC will be
116 A, R of 400KV BINAGURI-BONGAIGAON - 2 IL	CONSENT FROMNLDC REQUIRED		1800Hrs paka	rage Conductoring work under NERSS - XII	Construction Related Shutdown	
A /D = CADOUT DINACTIDE DONG ALC A ON	CONSENT PROMINIDE BEQUIRED		0800Hrs to 1800Hrs paks	tage Conductoring work under NERSS - XII	Construction Related Shutdown	A/R to be kept in non-auto mode
117 2 TL	CONSENT FROM NLDC REQUIRED	08	0800Hrs to 1800Hrs paka		Construction Related Shutdown	A/R to be kept in non-auto mode
sx Name of Element	Feb-23	19 20 21 22 23 24 25 26 27 28	Time	Reason	Category	
SHUTDOWNS PROPOSED BY AEGCL	5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28	-			
1 220KV SAMAGURI-SONABIL CKT 1			0700Hrs to 1500Hrs	ROUTINE TESTING	Normal Maintenance related shutdown.	SD may be availed subject to availability of 220 kV Samaguri-Sonabil-2 line.
2 220KV SAMAGURI-SONABIL CKT 2			0700Hrs to 1500Hrs	ROUTINE TESTING CREASE OF GROUND CLEARANCE, HEIGHT	Normal Maintenance related shutdown.	SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. SD may be availed subject to availability of 220 kV Sarusajai-Jawaharnagar line
3 220kV Samaguri-Jawaharnagar	<u> </u>		Hrs	RAISING AT LOC 276	Normal Maintenance related shutdown.	and 220 kV Sarusajai-Azara DC. RELIABILITY OF THE SYSTEM IS
4 220kV Samaguri-Jawaharnagar	No. 100 (100 (100 (100 (100 (100 (100 (100	CS	0700Hrs to 1500Hrs CSD 7:00 Hrs - 15:00 INC	CORRIDOR CLEANING CREASE OF GROUND CLEARANCE, HEIGHT	Normal Maintenance related shutdown.	SD may be availed subject to availability of 220 kV Sarusajai-Jawaharnagar line SD may be availed subject to availability of 220 kV Sarusajai-Sonapur line and
5 220kV Samaguri-Sonapur	N 10 10 10 10 10 10 10 10 10 10 10 10 10	A A PROVIDE IN THE OCCU.	Hrs	RAISING AT LOC 276	Normal Maintenance related shutdown.	220 kV Sarusaiai-Azara DC, RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Sarusajai-Sonapur line and
6 220kV Samaguri-Sonapur 7 220kV SONAPUR-SARUSAJAI	NOT APPROVED IN 198TH OCCM		0700Hrs to 1500Hrs	CORRIDOR CLEANING CORRIDOR CLEANING	Normal Maintenance related shutdown. Normal Maintenance related shutdown.	220 LV S A DC DELIABILITY OF THE SYSTEM IS DEDICED.
8 220 KV Tinsukia-Kathalguri Feeder no 1	INTIMATION TO NEEPCO	0.	0:00 Hrs - 15:00 Hrs	CORRIDOR CLEARANCE	Normal Maintenance related shutdown.	SD may be availed subject to availability of 220 kV Samaguri-Sonapur line and SD may be availed subject to availability of 220 kV Tinsukia-Kathalguri 2
9 220 KV Tinsukia-Kathalguri Feeder no 2	INTIMATION TO NEEPCO		9:00 Hrs - 15:00 Hrs	CORRIDOR CLEARANCE	Normal Maintenance related shutdown.	SD may be availed subject to availability of 220 kV Tinsukia-Kathalguri 1
10 220 KV Tinsukia-NTPS Feeder		9:	9:00 Hrs - 15:00 Hrs	CORRIDOR CLEARANCE	Normal Maintenance related shutdown.	SD may be availed subject to availability of 220 KV Tinsukia-NRPP line & 220
11 220 KV Tinsukia-NRPP Feeder		9:	9:00 Hrs - 15:00 Hrs	CORRIDOR CLEARANCE	Normal Maintenance related shutdown.	SD may be availed subject to availability of 220 kV Tinsukia NTPS line & 220
12 132 kV Pailapool- Jiribam Line		o:	0700Hrs to 1500Hrs	D required for maintenance of line & corridor cleaning works	Normal Maintenance related shutdown.	SD may be availed subject to availability of 132 kV Srikona-Pailapool line.
13 220KV AMGURI-NAMRUP		07	0700Hrs to 1500Hrs	REVENTIVE MAINTENANCE & CORRIDOR CLEANING	Normal Maintenance related shutdown.	SD may be availed subject to availability of 220 kV Amguri-Mariani. RELIABILITY OF THE SYSTEM IS REDUCED.
14 220KV AMGURI-MARIANI		07	0700Hrs to 1500Hrs	REVENTIVE MAINTENANCE & CORRIDOR CLEANING	Normal Maintenance related shutdown.	SD may be availed subject to availability of 220 kV Amguri-NTPS. RELIABILITY OF THE SYSTEM IS REDUCED.
15 220KV SAMAGURI-MARIANI	INTIMATION TO NEEPCO & ASSAM	o:	0700Hrs to 1500Hrs	REVENTIVE MAINTENANCE & CORRIDOR	Normal Maintenance related shutdown.	SD may be availed. At present, the Upper Assam power system is connected with
	Feb-23 5 6 7 8 9 10 11 12 13 14 15 16 17 18		Time	CLEANING Reason	Category	220 kV Samaguri-Mariani(AS) line, 220 kV Mariani(AS) - Mariani (PG) line, 220
SHUTDOWNS PROPOSED BY AEGCL						The SD may be availed subject to availability of 400 kV Bongaigaon-
SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line			0700Hrs to 1500Hrs Bay	y Equipment Maintenance and Relay Testing	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 400 kV Bongaigaon- Azara line.
SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Bongaigaon Line		0:			Normal Maintenance related shutdown.	
SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line		000	0700Hrs to 1500Hrs Bay			Azara line.
### SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Bongnigaon Line 18 400/220/33 kV 315 MVA1CT-1 402 Bay		000000000000000000000000000000000000000	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay Con	y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing nductor restringing work in between location	Normal Maintenance related shutdown. Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements.
### SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Bongaigaon Line 18 400/220/33 kV 315 MVA ICT-1 402 Bay The CB , MIRZA		000000000000000000000000000000000000000	D700Hrs to 1500Hrs Bay D700Hrs to 1500Hrs Bay D700Hrs to 1500Hrs Con	y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing nductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 KV Panchgram-Hailskandi line.	Normal Maintenance related shutdown. Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TTC/ATC will be revised.
### SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Bongaigaon Line 18 400/220/33 kV 315 MVA ICT-1 402 Bay The CB , MIRZA		000000000000000000000000000000000000000	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Con 0.0000Hrs to 1500Hrs PR	y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchgram-Hailakandi in EEVENTIVE MAINTENANCE & INSPECTION WORK	Normal Maintenance related shutdown. Normal Maintenance related shutdown.	Azara line. SD may be availed. NEB-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed SD may be availed subject to availability of 132 kV Srikons-Silchar DC.
### SHUTDOWNS PROPOSED BY AEGCL 16		000000000000000000000000000000000000000	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Con 0.0000Hrs to 1500Hrs PR	y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing nductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 KV Panchgram-Hailakandi line. REVENTIVE MAINTENANCE & INSPECTION	Normal Maintenance related shutdown. Normal Maintenance related shutdown. Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed
SHUTDOWNS PROPOSED BY AEGCL		000000000000000000000000000000000000000	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs no. 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs FR	y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing nductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 kV Panchspram-Hailakandi Inspection WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK AND	Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed SD may be availed subject to availability of 132 kV Srikona-Sikhar DC. SD may be availed. 132 kV FK Bari - Dharmanagar - Dullaveberra line and 132 kV Hailakandi - Dullaveberra line to be kept in service. RELIABILITY OF THE
### SHUTDOWNS PROPOSED BY AEGCL 16	COMMENT FROM MICHALAYA ROT RECEIVED	000000000000000000000000000000000000000	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Ray 0700Hrs to 1500Hrs FR 0700Hrs to 1500Hrs FR 0700Hrs to 1500Hrs Conno.	y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 kV Panchgram-Hailakandi low REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK anductor restringing work in between location 3.08 (T/T) and location no. 370 (T/T) of the 123 kV Panchgram-Lumshnong line.	Normal Maintenance related shutdown. Normal Maintenance related shutdown. Normal Maintenance related shutdown. Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV RK Barl - Dharmanagar - Dullaveberra line and 132
SHUTDOWNS PROPOSED BY AEGCL		01 01 01 01 01 01 01 01 01 01 01 01 01 0	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Ray 0700Hrs to 1500Hrs FR 0700Hrs to 1500Hrs FR 0700Hrs to 1500Hrs Conno.	y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 kV Panchgram-Hailakandi intellectual to the 13	Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV FK Bari - Dhurmanagar - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line to be kept in service. RELIABILITY OF THE SD may be availed. Low voltage issue may arise near 132kV Khilehriat Bus
SHUTDOWNS PROPOSED BY AEGCL	CONSIST FROM MIGHALAYS NOT RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs LiN 0700Hrs to 1500Hrs LiN	Fequipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing nductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 KV Panchgram-Hallakandi incl. REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK MORK And Control of the Maintenance of the Maintenance 132 kV Panchgram-Lumshnong line. RE MAINTENANCE & CORRIDOR CLEANING WORK	Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dharmanagar - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line to be kept in service. RELIABILITY OF THE SD may be availed. Low voltage issue may arise near 132kV Khilchirit Bus during the SD period. Consent from SLDC Tripura is required. SD may be availed. 132 kV PK Bari - Dullavcherra line and 132 kV Hailakandi - Dharmanagar line to be kept in SD may be availed subject to availability of 132 kV Golgabat - Sarupathar line.
SHUTDOWNS PROPOSED BY AEGCL	CONSIST FROM MIGHALAYS NOT RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs LIN 0700Hrs to 1500Hrs LIN 0700Hrs to 1500Hrs LIN 0700Hrs to 1500Hrs LIN	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 kV Panchgram-Hailakand line. 32 kV Panchgram-Hailakand line. 32 kEEVENTIVE MAINTENANCE & INSPECTION WORK KEEVENTIVE MAINTENANCE & INSPECTION MORK JOSEPH MAINTENANCE & INSPECTION WORK WORK WORK KE MAINTENANCE & CORRIDOR CLEANING	Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV FK Bari - Dharmanagar - Dultavcherra line and 132 kV Hailakandi - Dultavcherra line to be kept in service. RELIABILITY OF THE SYSTEM SREAD AND AND AND AND AND AND AND AND AND A
SHUTDOWNS PROPOSED BY AEGCL	CONSIST FROM MIGHALAYS NOT RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing Fequipment Maintenance and Relay Testing Inductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchsgram-Hailakand in 16. REEVENTIVE MAINTENANCE & INSPECTION WORK REEVENTIVE MAINTENANCE & INSPECTION WORK MORK MILLION TESTINGING WORK AND THE MAINTENANCE & INSPECTION WORK MAINTENANCE & CORRIDOR CLEANING WORK MAINTENANCE & CORRIDOR CLEANING WORK ME MAINTENANCE & CORRIDOR CLEANING WERE MAINTENANCE & CORRIDOR CLEANING	Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dharmamagar - Dultaveherra line and 132 kV Hallakandi - Dullaveherra line to be kept in service. RELIABILITY OF THE SD may be availed. Low voltage issue may arise near 132kV Khilehriat Bus during the SD period. Concent form SLDC Tippun is equentled. SD may be availed. 132 kV PK Bari-Dullaveherra line to be kept in service. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golgatar. Surropular line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golgatar. Marinain line and 132 kV Sarupathar - Bokaina line. RELIABILITY OF THE SYSTEM IS SEDUCED.
SHUTDOWNS PROPOSED BY AEGCL	CONSIST FROM MIGHALAYS NOT RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Con no. 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs Lin 0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchsgram-Hailakandi ine. 32 kV Panchsgram-Hailakandi ine. 32 kEEVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK AND TO THE MAINTENANCE & INSPECTION WORK HOLICOT restringing work in between location 33 (8) (T/T) and location no. 370 (T/T) of the 132 kV Panchgram-Lumshnong line. HE MAINTENANCE & CORRIDOR CLEANING WORK HE MAINTENANCE & CORRIDOR CLEANING	Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dhurmamagar - Dullaveherra line and 132 kV Hailakandi - Dullaveherra line to be kept in service. RELIABILITY OF THE SV Hailakandi - Dullaveherra line to be kept in service. RELIABILITY OF THE SV Hailakandi - Dullaveherra line and 132 kV Hailakandi - Dullaveherra line and 132 kV Hailakandi - Dullaveherra line and 132 kV PK Bari - Dullaveherra line and 132 kV Hailakandi - Dullaveherra line and 132 kV Hailakandi - Dullaveherra line and 132 kV Sarupathar line and 132 kV Dullaveherra line and 132 kV Sarupathar line and 132 kV Sarupathar line and 132 kV Dumapur - Bokaina line. RELIABILITY OF THE SVSTEM IS. SD may be availed subject to availability of 122 kV Golgabat - Sarupathar line and 132 kV Dumapur - Bokaina line. RELIABILITY OF THE SVSTEM IS. SD may be availed subject to availability of 122 kV Mariani Golgabaths - Sarupathar line and 132 kV Dumapur - Bokaina line. RELIABILITY OF THE SVSTEM IS. SD may be availed subject to availability of 122 kV Mariani Golgabaths - Sarupathar line and 132 kV Mariani Golgabaths - Sarupathar line and 152 kV Dumapur - Bokaina line. RELIABILITY OF THE SVSTEM IS. SD may be availed subject to availability of 122 kV Mariani Golgabaths - Sarupathar line and 152 kV Dumapur - Bokaina line. RELIABILITY OF THE SVSTEM IS. SD may be availed subject to availability of 122 kV Mariani Golgabaths - Sarupathar line and 152 kV Dumapur - Bokaina line. RELIABILITY OF THE SVSTEM IS.
SHUTDOWNS PROPOSED BY AEGCL	CORRECT FROM MEGHALAYA NOT RECEIVED CORRECT FROM TENTRA RECEIVED CORRECT FROM TENTRA RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 kV Panchspram-Hailakandi in WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK anductor restringing work in between location 3.68 (T/T) and location no. 370 (T/T) of the 123 kV Panchspram-Lumshnong line. KE MAINTENANCE & CORRIDOR CLEANING WORK	Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dharmanagar - Duillavcherra line and 132 kV Hallakandi - Dullavcherra line to be kept in service. RELIABILITY OF THE SD may be availed. Low voltage issue may arise near 132 kV Khilchriat Bus during the SD period. Consent from SLDC Triprura is required. SD may be availed. 132 kV PK Bari-Dullavcherra line and 132 kV Hallakandi - Dharmanagar lines to be kept in SD may be availed subject to availability of 132 kV Golaghat - Sarupathar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golaghat - Sarupathar line and 132 kV Sarupathar - Bokaina line. RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Golaghat - Sarupathar line and 132 kV Sarupathar - Bokaina line. RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Golaghat - Sarupathar line and 132 kV Sarupathar - Bokaina line. RELIABILITY OF THE SYSTEM IS
SHUTDOWNS PROPOSED BY AEGCL	CONSIST FROM MIGHALAYS NOT RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Con no. 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs LIN 0700Hrs to 1500Hrs	y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing nductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchgram-Hailakandi in 82 (EVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK NORK INDUCTOR TESTINGING WORK INDUCTOR TESTINGINGINGINGINGINGINGINGINGINGINGINGINGI	Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed 132 kV PK Bari - Dharmanagar - Dullavchern line and 132 kV Halakanda - Dullavchern line to be kept in service. RELIABILITY OF THE SD may be availed 132 kV Wallakanda - Dharmanagar line to be kept in some of the state of th
### SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Bongsigson Line 18 400/220/33 kV 315 MVA ICT-1 402 Bay The CB , MIRZA 19 132 kV FANCHGRAM-HAILAKANDI 20 132 kV SRIKONA-PAILAPOOL 21 132 kV FANCHGRAM-LUMSHNONG 22 132 kV PANCHGRAM-LUMSHNONG 23 132 kV DULLAVCHERRA-DHARMANAGAR 24 132kV MARIANI-GOLAGHAT 25 132kV GOKAJAN-DIMAFRAR POKAJAN 27 132kV SARUPATHAR-BOKAJAN 28 132kV SARUPATHAR-BOKAJAN 29 132kV BOKAJAN-DIMAPUR	CORRECT FROM MEGHALAYA NOT RECEIVED CORRECT FROM TENTRA RECEIVED CORRECT FROM TENTRA RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Con no. 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs LIN 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing nductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchspram-Hailakandi in 182 kV Panchspram-Hailakandi in 182 kV Panchspram-Hailakandi in 182 kV Panchspram-Hailakandi in 183 kV Panchspram-Hailakandi in 183 kV Panchspram-Hailakandi in 183 kV Panchspram-Lunshnong fine 184 kW MAINTENANCE & CORRIDOR CLEANING WORK REMAINTENANCE & CORRIDOR CLEANING WORK Resses Carry armouring of conductor in between location 117 to 118 & 127 to 128	Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed 132 kV PK Bari - Dharmanagar - Dullavchern line and 132 kV Halakanda - Dullavchern line to be kept in service. RELIABILITY OF THE SD may be availed 132 kV Halakanda - Dharmanagar line to be kept in subject to availability of 132 kV Golaghat - Saraputhar line. All the subject to availability of 132 kV Golaghat - Saraputhar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golaghat - Saraputhar line and 132 kV Brain-Brain RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Golaghat - Saraputhar line and 132 kV Brain-Bokania line. RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Golaghat - Saraputhar Brain and 132 kV Saraputhar Bokajan line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Mariani-Golaghat-Saraputhar-Bokajan line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samagari-Sonabil-2 line. RELIABILITY OF THE SYSTEM IS REDUCED.
SHUTDOWNS PROPOSED BY AEGCL	CORRECT FROM MEGHALAYA NOT RECEIVED CORRECT FROM TENTRA RECEIVED CORRECT FROM TENTRA RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Con no. 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs LIN 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs	Fequipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 kV Panchspram-Hailakand line. REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK AUTOMATION OF A CONTROL OF THE STATE OF THE	Normal Maintenance related shutdown.	Azara line. SD may be availed NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dharmanagar - Dultavcherra line and 132 kV Hailakandi - Dultavchera in too be kept in service. RELIABILITY OF the ST
SHUTDOWNS PROPOSED BY AEGCL	CORRECT FROM MEGHALAYA NOT RECEIVED CORRECT FROM TENTRA RECEIVED CORRECT FROM TENTRA RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs LIN 0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 kV Panchspram-Hailakand line. REEVENTIVE MAINTENANCE & INSPECTION WORK REEVENTIVE MAINTENANCE & INSPECTION WORK AUGUST OF A CORRIDOR CLEANING WORK WORK WORK WORK WORK WORK WORK WORK	Normal Maintenance related shutdown. Category Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed 132 kV PK Bari - Dharmanagar - Dullavchern line and 132 kV Halakanda - Dullavchern line to be kept in service. RELIABILITY OF THE SD may be availed 132 kV Halakanda - Dharmanagar line to be kept in subject to availability of 132 kV Golaghat - Saraputhar line. All the subject to availability of 132 kV Golaghat - Saraputhar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golaghat - Saraputhar line and 132 kV Brainear - Bokajan line. RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Golaghat - Saraputhar line and 132 kV Brainear - Bokajan line. RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Mariani-Golaghat-Sarupathar-Bokajan line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Mariani-Golaghat-Sarupathar-Bokajan line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samagari-Sonabil-2 line. RELIABILITY OF THE SYSTEM IS REDUCED.
SHUTDOWNS PROPOSED BY AEGCL	CORRECT FROM MEGHALAYA NOT RECEIVED CORRECT FROM TENTRA RECEIVED CORRECT FROM TENTRA RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs British 0700Hrs to 1500Hrs British 0700Hrs to 1500Hrs British 0700Hrs to 1500Hrs British Britis	Equipment Maintenance and Relay Testing Y Equipment Maintenance and Relay Testing Onductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 KV Panchsgram-Hailakandi ine. REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK INDUCTOR TESTINGING WORK in between location 132 kV Panchgram-Lumshnong line. RE MAINTENANCE & CORRIDOR CLEANING WORK REMAINTENANCE & CORRIDOR CLEANING WORK	Normal Maintenance related shutdown. Category Normal Maintenance related shutdown. Category Normal Maintenance related shutdown. Normal Maintenance related shutdown. Category Normal Maintenance related shutdown. Normal Maintenance related shutdown.	Agaran line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV FK Bari - Dharmanagar - Dullaveherra line and 132 kV Hailakandi - Dullaveherra line to be kept in service. RELIABILITY OF THE SV Hailakandi - Dullaveherra line to be kept in service. RELIABILITY OF THE SUBJECT OF T
SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Silchar Line 18 400/220/33 kV 315 MVA ICT-1 402 Bay Tiec B, MIRZA 19 132 kV PANCHGRAM-HAILAKANDI 20 132 kV SRIKONA-PAILAPOOL 21 132 KV SRIKONA-PAILAPOOL 22 132 KV PANCHGRAM-LUMSHNONG 23 132 kV PANCHGRAM-LUMSHNONG 24 132KV MARIAN-GOLAGHAT 25 132KV GOLAGHAT-SARUPATHAR 26 132KV SARUPATHAR-BOKAJAN 27 132KV SOKAJAN-DIMAPUR Name of Element 1 2 3 4 SHUTDOWNS PROPOSED BY AEGCL 28 220 KV Samaguri-Sonabil 1 29 220 KV Samaguri-Sonabil 2 30 220KV RANGIA-SALKATI (BTPS) 1 31 220KV RANGIA-SALKATI (BTPS) 2 32 220KV RANGIA-SALKATI (BTPS) 2 32 220KV RANGIA-SALKATI (BTPS) 2 33 220KV RANGIA-SALKATI (BTPS) 2 34 220KV RANGIA-SALKATI (BTPS) 2 34 220KV RANGIA-SALKATI (BTPS) 1 34 220KV RANGIA-SALKATI (BTPS) 2 33 220KV RANGIA-SALKATI (BTPS) 2 33 220KV RANGIA-SALKATI (BTPS) 2 34 220KV RANGIA-SALKATI (BTPS) 2 34 220KV RANGIA-SALKATI (BTPS) 2 35 2	CORRECT FROM MEGHALAYA NOT RECEIVED CORRECT FROM TENTRA RECEIVED CORRECT FROM TENTRA RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs PR 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs LIN 0700Hrs to 1500Hrs Con 0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing Fupipment Maintenance and Relay Testing nductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchsgram-Hailakandi incl. REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK INCLEDITED MAINTENANCE & INSPECTION WORK MILLION TESTINGING WORK INCLEDITED MAINTENANCE & CORRIDOR CLEANING WORK WORK WAINTENANCE & CORRIDOR CLEANING WORK WORK WORK WAINTENANCE OF CORRIDOR CLEANING WORK WAINTENANCE OF CORRIDOR CLEANING WORK WORK WAINTENANCE OF CORRIDOR CLEANING WOR WAINTENANCE OF CORRIDOR CLEANING WORK WAINTENANCE OF CORRIDOR CL	Normal Maintenance related shutdown. Category Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dhurmanagar - Dullaveherra line and 132 kV Hailakandi - Dullaveherra line to be kept in service. RELIABILITY OF THE SVERMENT of the SD may be availed. Low voltage issue may arise near 132kV Khilehriat Bus during the SD period. Consent from SLDC Tripura is required. SD may be availed. 132 kV PK Bari-Dullaveherra line and 132 kV Hailakandi - Dhurmanagar lune to be kept in SD may be availed subject to availability of 122 kV Golaghat - Saraputhar line. SD may be availed subject to availability of 122 kV Golaghat - Saraputhar inc and 132 kV Saraputhar - Bokaian line. RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 122 kV Mariani Golaghat - Saraputhar inc and 132 kV Dimagour-Bokaian line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 122 kV Mariani Golaghat - Saraputhar Bokaian line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-2 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED.
SHUTDOWNS PROPOSED BY AEGCL	CONSUM F FROM MEGINALAYA BOT RECEIVED CONSUM F FROM TEPICHAR RECEIVED THE TOTAL PROPERTY FROM TEPICHAR RECEIV	CO C	0700Hrs to 1500Hrs Page 1700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing nductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchgram-Hailakandi in 182 kV Panchgram-Hailakandi in 182 kEEVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK nductor restringing work in between location 1.368 (T/T) and becation no. 370 (T/T) of the 1.32 kV Panchgram-Lumshnong line. 182 kM MAINTENANCE & CORRIDOR CLEANING WORK RE MAINTENANCE & CORRIDOR CLEANING WORK READ CORRIDOR CLEANING WORK TO THE TOTAL CORRIDOR CLEANING WORK READ CORRIDOR CLEANING WORK READ CORRIDOR CLEANING WORK TO THE TOTAL CREATER TO THE PROPERSION OF THE PROPERSIO	Normal Maintenance related shutdown. Category Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to outside of elements. SD may be availed subject to availability of 132 kV Srikona-Silchur DC. SD may be availed subject to availability of 132 kV Srikona-Silchur DC. SD may be availed. 132 kV PK Bari - Dharmanugar - Dullavcherra line and 132 kV Haliakand - Dullavcherra line to be kept in service. RELLABILITY OF THE SD may be availed. Low voltage issue may arise near 132 kV Khlichriat Bus during the SD period. Consent from SLDC Tripurus is required. SD may be availed. 132 kV PK Bari-Dullavcherra line and 132 kV Haliakand - Dharmanugar linen to be kept in SD may be availed subject to availability of 132 kV Golaghat - Sarupathar line. RELLABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golaghat - Sarupathar line and 132 kV Bringaur- Bokajan line. RELLABILITY OF THE SYSTEM IS SPUCKED. SD may be availed subject to availability of 132 kV Mariani-Golaghat-Sarupathar-Bokajan line. RELLABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELLABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELLABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELLABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject valaibility of 220 kV Samaguri-Sonabil-1 line. RELLABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject valaibility of 220 kV Samaguri-Sonabil-1 line. RELLABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject valaibility of 220 kV SIRS-RANGIA ckT I. SPS at The SD may be availed subject valaibility of 220 kV SIRS-RANGIA ckT I. SPS at The SD may be availed subject valaibility of 220 kV SIRS-RANGIA ckT I. SPS at The SD may be availed subject valaibility of 220 kV SIRS-RANGIA ckT I. SPS at The SD may be availed subject vavailability of 220 kV SIRS-RANGIA ckT I. SPS at The SD may be ava
SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Silchar Line 18 400/220/33 kV 315 MVA ICT-1 402 Bay Tiec B, MIRZA 19 132 kV PANCHGRAM-HAILAKANDI 20 132 kV SRIKONA-PAILAPOOL 21 132 KV SRIKONA-PAILAPOOL 22 132 KV PANCHGRAM-LUMSHNONG 23 132 kV PANCHGRAM-LUMSHNONG 24 132KV MARIAN-GOLAGHAT 25 132KV GOLAGHAT-SARUPATHAR 26 132KV SARUPATHAR-BOKAJAN 27 132KV SOKAJAN-DIMAPUR Name of Element 1 2 3 4 SHUTDOWNS PROPOSED BY AEGCL 28 220 KV Samaguri-Sonabil 1 29 220 KV Samaguri-Sonabil 2 30 220KV RANGIA-SALKATI (BTPS) 1 31 220KV RANGIA-SALKATI (BTPS) 2 32 220KV RANGIA-SALKATI (BTPS) 2 32 220KV RANGIA-SALKATI (BTPS) 2 33 220KV RANGIA-SALKATI (BTPS) 2 34 220KV RANGIA-SALKATI (BTPS) 2 34 220KV RANGIA-SALKATI (BTPS) 1 34 220KV RANGIA-SALKATI (BTPS) 2 33 220KV RANGIA-SALKATI (BTPS) 2 33 220KV RANGIA-SALKATI (BTPS) 2 34 220KV RANGIA-SALKATI (BTPS) 2 34 220KV RANGIA-SALKATI (BTPS) 2 35 2	CORRECT FROM MEGHALAYA NOT RECEIVED CORRECT FROM TENTRA RECEIVED CORRECT FROM TENTRA RECEIVED	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs PR PR 0700Hrs to 1500Hrs Br 0700Hrs to 1500Hrs In 0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 KV Panchgram-Hallakand inc. REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION ON OR REVENTIVE MAINTENANCE & INSPECTION ON OR MORK MORK MORK MORK MORK MORK MORK M	Normal Maintenance related shutdown.	Azaran line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV FK Bari - Dharmanagar - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line to be kept in service. RELIABILITY OF THE SD may be availed. Low voltage issue may arise near 132kV Shilchriat Bus during the SD period. Consent from SLDC Tripura is required. SD may be availed. 132 kV FK Bari - Dullavcherra line and 132 kV Hailakandi - Dharmanagar line to be kept in SD may be availed subject to availability of 132 kV Golaghat - Saruputhar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golaghat - Saruputhar Bokaism in RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Golaghat - Saruputhar Bokaism line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject availability of 220 kV STRS-RANGIA CKT II. SPS at Danay be availed subject availability of 220 kV STRS-RANGIA CKT II. SPS at Danay be availed subject availability of 220 kV STRS-RANGIA CKT II. SPS at Danay be availed subject availability of 220 kV STRS-RANGIA CKT II. SPS at Danay be availed subject availability of 220 kV STRS-RANGIA CKT II. SPS at Danay be availed subject availability of 220 kV STRS-RANGIA CKT II. SPS at Danay be availed subject availability of 220 kV STRS-RANGIA C
SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Bongaigaon Line 18 400/220/33 kV 315 MVA ICT-1 402 Bay The CB , MIRZA 19 132 kV PANCHGRAM-HAILAKANDI 132 kV PANCHGRAM-HAILAKANDI 20 132 kV SRIKONA-PAILAPOOL 21 132 kV PANCHGRAM-HAILAKANDI 22 132 kV PANCHGRAM-LUMSHNONG 23 132 kV DULLAVCHERRA-DHARMANAGAR 24 132kV MARIANI-GOLAGHAT 25 132kV GOLAGHAT-SARUPATHAR 26 132kV GOKAJAN-DIMAPUR 27 132kV GOKAJAN-DIMAPUR 28 20 kV Samaguri-Sonabil 2 29 20 kV Samaguri-Sonabil 2 20 20kV Samaguri-Sonabil 2 20 20kV Samaguri-Sonabil 2 30 220kV AGIA-BTPS-I 31 220kV AGIA-BTPS-I	CONSENT FROM MIGHIALAYA NOT RECEIVED CONSENT FROM TEUTRA RECEIVED THE PROPERTY OF THE PROPER	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs Bay 0700Hrs to 1500Hrs PR PR 0700Hrs to 1500Hrs Br 0700Hrs to 1500Hrs In 0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing nductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchgram-Hailakandi in 182 kV Panchgram-Hailakandi in 182 kEEVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK nductor restringing work in between location 1.368 (T/T) and becation no. 370 (T/T) of the 1.32 kV Panchgram-Lumshnong line. 182 kM MAINTENANCE & CORRIDOR CLEANING WORK RE MAINTENANCE & CORRIDOR CLEANING WORK READ CORRIDOR CLEANING WORK TO THE TOTAL CORRIDOR CLEANING WORK READ CORRIDOR CLEANING WORK READ CORRIDOR CLEANING WORK TO THE TOTAL CREATER TO THE PROPERSION OF THE PROPERSIO	Normal Maintenance related shutdown. Category Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to outside of elements. SD may be availed subject to no outside of elements. SD may be availed subject to availability of 132 kV Srikona-Silchur DC. SD may be availed subject to availability of 132 kV Srikona-Silchur DC. SD may be availed. 132 kV PK Bari - Dharmanagar - Duillavcherra line and 132 kV Stalishand - Dullavcherra line to be kept in service. RELLABILITY OF THE SD may be availed. Low voltage issue may arise near 1324 V Khilchriat Bus during the SD period. Consent from SLDC Tripura is required. SD may be availed. 132 kV PK Bari-Dullavcherra line and 132 kV Stalishand - Dharmanagar lines to be kept in SD may be availed subject to availability of 132 kV Golaghat - Sarupathar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golaghat - Sarupathar line and 132 kV Brompatr - Bokajan line. RELIABILITY OF THE SYSTEM IS SPUCED. SD may be availed subject to availability of 132 kV Mariani-Golaghat-Sarupathar-Bokajan line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV SIPS-RANGIA cKT I. SPS at The SD may be availed subject to availability of 220 kV SIPS-RANGIA cKT I. SPS at The SD may be availed subject to availability of 220 kV SIPS-RANGIA cKT I. SPS at The SD may be availed subject to availability of 220 kV SIPS-RANGIA cKT I. SPS at The SD may be availed subject to availability of 220 kV SIPS-RANGIA cKT I. SPS at The SD may be availed subject to availability of 220 kV SIPS-RANGIA cKT I. SPS at The SD may be availed subject to availability of 220 kV SIPS-RANGIA cKT I. SPS at The
SHUTDOWNS PROPOSED BY AEGCL	CONSENT FROM MEDIALAYA NOT RECEIVED CONSENT FROM TRUTURA RECEIVED POLY AND TRUTURA RECEIVED NOT ANYROVED IN 1997H OCCM	000 000 000 000 000 000 000 000 000 00	20700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 kV Panchspram-Hailakand line. REEVENTIVE MAINTENANCE & INSPECTION WORK REEVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REMAINTENANCE & CORRIDOR CLEANING WORK REMAINTENANCE oF CORRIDOR CLEANING WORK REMAINTENANCE oF CORRIDOR CLEANING WORK REMAINTENANCE OF CONDUCTOR OF LOCATION LOCATION 10 118 & 127 to 128 PREVENTIVE MAINTENANCE PREVENTIVE MAINTENANCE PREVENTIVE MAINTENANCE TO solve CB spring charge issue by T&C. Corridor cleaning Corridor cleaning/Bay equipment testing Corridor cleaning/Bay equipment testing	Normal Maintenance related shutdown. Category Normal Maintenance related shutdown.	Agaran line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV FK Bari - Dharmanagar - Dultavcherra line and 132 kV Hailakandr - Dultavcherra in to be kept in service. RELIABILITY OF the SD may be availed. Low voltage issue may arise near 132 kV Khlichriat Bus during the SD period. Consent from SLDC Tripura is required. SD may be availed. 133 kV FK Bari - Dultavcherra line and 132 kV Hailakandr - Dharmanagar lines to be kept in SD may be availed subject to availability of 132 kV Golgabat - Marriani line and 132 kV Sarupathar - Bokaian line. RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Golgabat - Marriani line and 132 kV Drampur- Bokaian line. RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Marriani-Golgabat - Sarupathar Inc. SD may be availed subject to availability of 120 kV Marriani-Golgabat - Sarupathar - Bokaian line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV STF8-RANGIA CKT II SPS at Data and the standard subject to availability of 220 kV STF8-RANGIA CKT II SPS at Data and STF AND
SHUTDOWNS PROPOSED BY AEGCL	CONSENT FROM MEGINLAVA ROT RECEIVED	000 000 000 000 000 000 000 000 000 00	0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing Fequipment Maintenance and Relay Testing for Equipment Maintenance and Relay Testing inductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchsgam-Hailakand in WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK INDUCTOR OF THE STATE OF THE	Normal Maintenance related shutdown.	Again line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dharmanagar -Dullavcherra line and 132 kV Hailakandi - Dullavcherra line to be kept in service. RELIABILITY OF THE SUBJECT OF THE
SHUTDOWNS PROPOSED BY AEGCL	CONSENT FROM MEGINLAVA ROT RECEIVED		0700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing Equipment Maintenance and Relay Testing Multiple Section of the Section of Sect	Normal Maintenance related shutdown. Category Normal Maintenance related shutdown.	Azara line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dharmamagar - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line to be kept in service. RELIABILITY OF THE SV Hailakandi - Dullavcherra line to be kept in service. RELIABILITY OF THE ST Dullavcherra line and 132 kV Hailakandi - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line and 132 kV Hailakandi - Dharmamagar line to be kept in SD may be availed. 132 kV Hailakandi - Dharmamagar line to be kept in SD may be availed subject to availability of 132 kV Golaghat - Saraputhar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golaghat - Saraputhar line and 132 kV Golaghat - Saraputhar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 122 kV Golaghat - Saraputhar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. ST LIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. TELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. The SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. The SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. The SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. The SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. The SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. SD may be availed subject to availability of 220 kV SB SANGIA CKT I. SPS at SD may be availed subject to availability
SHUTDOWNS PROPOSED BY AEGCL	CONSENT FROM MEGINLAVA ROT RECEIVED	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 KV Panchegarn Halisland in the SEEVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION 3.068 (T/T) and location no. 370 (T/T) of the 132 kV Panchegram-Lumbnong line. SEEVENTIVE MAINTENANCE & CORRIDOR CLEANING WORK WORK REMAINTENANCE & CORRIDOR CLEANING WORK REMAINTENANCE PREVENTIVE MAINTENANCE PREVENTIVE M	Normal Maintenance related shutdown. Category Normal Maintenance related shutdown. Selesting system improvement related shutdown.	Agaran line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV FK Bari - Dharmanagar - Dullavcherra line and 132 kV Hailakandi - Dullavcherra ine to be kept in service. RELIABILITY OF THE SD may be availed. 132 kV FK Bari - Dharmanagar - Dullavcherra line and 132 kV Hailakandi - Dullavcherra ine to be kept in service. RELIABILITY OF THE SD may be availed. Low voltage issue may arise near 132kV Khilichriat Bus during the SD period. Consent from SLDC Tripura is required. SD may be availed. 132 kV FK Bari - Dullavcherra line and 132 kV Hillakandi - Dharmanagar line to be kept in SD may be availed subject to availability of 132 kV Golaghat - Saruputhar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golaghat - Saruputhar line and 132 kV Brainar- Bokalain in RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 132 kV Marian-Golaghat-Saruputhar-Bokalain line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. SD may be availed subject to availability of 220 kV Samaguri-Sonabil-1 line. SD may be availed subject to availability of 220 kV STRANGIA CKT II. SPS at Damy be availed subject to availability of 220 kV STRANGIA CKT II. SPS at Damy be availed subject to availability of 220 kV STRANGIA CKT II. SPS at Damy be availed subject to availability of 220 kV STRANGIA CKT II. SPS at Damy be availed subject to availability of 220 kV STRANGIA CKT II. SPS at Damy be availed subject to availability of 220 kV STRANGIA CKT II. SPS at Damy be availed subject to availability of 220 kV STRANGIA CKT II. SPS at Damy be availed subject to availability of 220 kV STRANGIA CKT II.
SHUTDOWNS PROPOSED BY AEGCL	CONSENT FROM MIGHIALAYA BOT RECEIVED CONSENT FROM TRIPPIRA RECEIVED STATEMENT TRIPPIRA RECEIVED CONSENT FROM MIGHIALAYA RECEIVED CONSENT FROM MIGHIALAYA RECEIVED CONSENT FROM MIGHIALAYA RECEIVED	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DOTOMER to 1500Hrs Bay	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 KV Parchsgram-Hailakandi inc. REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION OF A CONTROL OF THE STATE OF THE ST	Normal Maintenance related shutdown. Existing system improvement related shutdown. Existing system improvement related shutdown. Existing system improvement related shutdown.	Azara line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed 132 kV PK Bari - Dharmanagar - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line to be begrin service. RELIABILITY OF THE SD may be availed. Low voltage issue may arise near 132kV Khilichriat Bus during the SD period. Consent from SLDC Tripura is required. SD may be availed. 132 kV PK Bari-Dullavcherra line and 132 kV Hailakandi - Dharmanagar line to be kept in SD may be availed subject to availability of 132 kV Golaghat - Saraputhar line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Golaghat - Saraputhar line and 132 kV Brainear - Bokalain line. RELIABILITY OF THE SYSTEM IS SEDUCED. SD may be availed subject to availability of 132 kV Mariani-Golaghat-Sarupathar-Bokalain line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonobil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonobil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonobil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonobil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonobil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonobil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonobil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Samaguri-Sonobil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED.
### SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Silchar Line 18 100/220/33 kV 315 MVA ICT-1 402 Bay Tiec (B., MIRZA 19 132 kV FANCHGRAM-HAILAKANDI 20 132 kV SRIKONA-PAILAPOOL 21 132 kV PANCHGRAM-LUMSHNONG 22 132 kV PANCHGRAM-LUMSHNONG 23 132 kV DULLAVCHERRA-DHARMANAGAR 24 132kV MARHANI-GOLAGHAT 25 132kV OLAGHAT-SARUPATHAR 26 132kV SARUPATHAR-BOKAJAN 27 132kV SOKAJAN-DIMAPUR **Name of Element **SHUTDOWNS PROPOSED BY AEGCL 28 220 kV Samaguri-Sonabil 1 29 220 kV Samaguri-Sonabil 2 30 220kV RANGIA-SALAKATI (BTPS) 1 31 220kV RANGIA-SALAKATI (BTPS) 1 32 220kV AGIA-BTPS-II 34 220kV AGIA-BTPS-II 35 220kV AGIA-BTPS-II 36 132kV AGIA-MIRZA 37 132kV AGIA-MIRZA 38 132kV AGIA-MIRZA 39 220kV JOIA-DEPS-ALAKATI 1 39 220kV PPS-SALAKATI 1 39 220kV PPS-SALAKATI 1 39 220kV PPS-SALAKATI 2 40 220kV PPS-SALAKATI 2	CONSENT FROM MEDINALAYA NOT RECEIVED CONSENT FROM TRUTURA RECEIVED Feb-23 F	000 000 000 000 000 000 000 000 000 00	2000Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchsgram-Hailakand in 18 EREVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK INSPECTION MORK REVENTIVE MAINTENANCE & INSPECTION WORK REMAINTENANCE & CORRIDOR CLEANING WORK REMAINTENANCE PREVENTIVE MAINTENANCE PREVENTIVE MAINTE	Normal Maintenance related shutdown. Existing system improvement related shutdown.	Again line. SD may be availed. NER-ER TTC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV FK Bari - Dhurmanagar - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line to be kept in service. RELIABILITY OF THE SD may be availed. Low voltage issue may arise near 132kV Khilehriat Bus during the SD period. Consent from SLDC Tripura is required. SD may be availed. 132 kV FK Bari-Dullavcherra line and 132 kV Hailakandi - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line and 132 kV FK Bari-Dullavcherra line and 132 kV FK Bari-Dullavcherra line and 132 kV Sarupathar - Bokaina line. RELIABILITY OF THE SYSTEM IS SD may be availed subject to availability of 124 kV Galaghat. Marinal line and 132 kV Sarupathar - Bokaina line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 124 kV Marinai Golaghat - Sarupathar-Bokaina line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 124 kV Marinai Golaghat - Sarupathar-Bokaina line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 124 kV Marinai Golaghat - Sarupathar-Bokaina line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV Saranguri-Sonabil-1 line. RELIABILITY OF THE SYSTEM IS REDUCED. SD may be availed subject to availability of 220 kV BTPS-Salakati DC and Sarati Landar
### SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Bongaigaon Line 18 400/220/33 kV 315 MVA ICT-1 402 Bay The CB , MIRZA 19 132 kV PANCHGRAM-HAILAKANDI 20 132 kV SRIKONA-PAILAPOOL 21 132 KV PANCHGRAM-LUMSHNONG 22 132 KV PANCHGRAM-LUMSHNONG 23 132 KV PANCHGRAM-LUMSHNONG 24 132KV MARIANI-GOLAGHAT 25 132KV OLAGHAT-SARUPATHAR 26 132KV SARUPATHAR-BOKAJAN 27 132KV SOKAJAN-DIMAPUR **Name of Element SHUTDOWNS PROPOSED BY AEGCL 28 220 KV Samaguri-Sonabil 1 29 220 KV Samaguri-Sonabil 2 30 220KV RANGIA-SALAKATI (EITPS) 1 31 220KV GAIJA-BOKO 35 220KV AGIJA-BOKO 35 220KV AGIJA-BOKO 36 132KV AGIJA-MIRZA 38 220KV BTPS-SALAKATI 1 39 220KV BTPS-SALAKATI 1 39 220KV BTPS-SALAKATI 1 30 220KV BTPS-SALAKATI 1 30 220KV BTPS-SALAKATI 1 30 220KV BTPS-SALAKATI 1 31 220KV BTPS-SALAKATI 1 32 220KV BTPS-SALAKATI 1 32 220KV BTPS-SALAKATI 1 34 220KV BTPS-SALAKATI 1 36 122KV BTPS-SALAKATI 1 37 220KV BTPS-SALAKATI 1 38 220KV BTPS-SALAKATI 1 39 220KV BTPS-SALAKATI 1 40 220KV BTPS-SALAKATI 1 41 220KV BTPS-NTPC-1 41 220KV BTPS-NTPC-1	CONSENT FROM MEDINALAYA NOT RECEIVED CONSENT FROM TRUTURA RECEIVED Feb-23 F	77 APPROVED IN 198TH OCCM 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2000Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location S2 (T/T) and location no. 62 (T/T) of the 132 kV Panchsgram-Hailakand in 18 KEVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK INSPECTION MORK REVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK REMAINTENANCE & CORRIDOR CLEANING WORK REMAINTENANCE PREVENTIVE MAINTENANCE P	Normal Maintenance related shutdown. Sersiting system improvement related shutdown. Existing system improvement related shutdown. Existing system improvement related shutdown. Existing system improvement related shutdown.	Again line. SD may be availed NER-ER TIC/ATC will be revised. S/D may be availed subject to no outage of elements. SD may be availed subject to no outage of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dharmanagar - Dullaveberra line and 132 kV Hallakandi - Dullaveberra line to be kept in service. RELIABILITY OF HER SVETAMINE SD may be availed. Low voltage issue may arise near 132kV Khilchrist Bus during the SD period. Ground from SLDT Tippun is equaled. SD may be availed. 132 kV PK Bari - Dullaveberra line and 132 kV Hallakandi - Dullaveberra line and 132 kV Hallakandi. Dullaveberra line and 132 kV Hallakandi. Dullaveberra line and 132 kV Hallakandi. SD may be availed adapted to availability of 132 kV Galgater. Surpuduar line. RELIABILITY OF THE SVSTEM IS REDUCED. SD may be availed adapted to availability of 132 kV Galgater. Surpuduar line and 132 kV Sarupathar - Bokaina line. RELIABILITY OF THE SVSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Mariani-Golgata-Sarupathar-Bokaina line. RELIABILITY OF THE SVSTEM IS REDUCED. SD may be availed subject to availability of 132 kV Mariani-Golgata-Sarupathar-Bokaina line. RELIABILITY OF THE SVSTEM IS REDUCED. SD may be availed subject to availability of 202 kV Saranaguri-Sonabil-1 line. RELIABILITY OF THE SVSTEM IS REDUCED. SD may be availed subject to availability of 202 kV Saranaguri-Sonabil-1 line. RELIABILITY OF THE SVSTEM IS REDUCED. SD may be availed subject to availability of 202 kV BARANACA (CKCPE) of the SD may be availed subject to availability of 202 kV BARANACA (CKCPE) of the SD may be availed subject to availability of 132 kV Diman sql to Uniman sql ID Company be availed subject to availability of 202 kV BTPS-Salkati DC and Spatial States and Spat
SHUTDOWNS PROPOSED BY AEGCL 16 400kV Mirza-Silchar Line 17 400kV Mirza-Silchar Line 18 100/220/33 kV 315 MVA ICT-1 402 Bay Tiec (B., MIRZA 19 132 kV PANCHGRAM-HAILAKANDI 19 132 kV SRIKONA-PAILAPOOL 21 132 KV SRIKONA-PAILAPOOL 22 132 KV PANCHGRAM-HUMSHNONG 23 132 KV PANCHGRAM-LUMSHNONG 24 132KV GOLAGHAT 25 132KV GOLAGHAT 27 132KV GOLAGHAT 27 132KV SARUPATHAR-BOKAJAN 27 132KV SARUPATHAR-BOKAJAN 27 132KV SARUPATHAR-BOKAJAN 28 122KV SARUPATHAR-BOKAJAN 29 220 KV SARINGUI-Sonabil 1 29 220 KV SARINGUI-Sonabil 2 30 220KV RANGIA-SALAKATI (BTPS) 2 32 220kV AGIA-BTPS-II 33 220kV AGIA-BTPS-II 34 220KV AGIA-BOKO 35 220kV AGIA-BOKO 37 122kV AGIA-BOKO 37 122kV AGIA-MIRZA 36 132kV AGIA-MIRZA 37 132kV AGIA-MIRZA 38 220kV BTPS-SALAKATI 1 20 220kV BTPS-SALAKATI 1 20 220kV BTPS-SALAKATI 1 20 220kV BTPS-SALAKATI 2 20 220kV BTPS-SALAKATI 2 220kV BTPS-SALAKATI 2 220kV BTPS-SALAKATI 2 220kV BTPS-NTPC-1 41 220kV BTPS-NTPC-2 42 220kV SUI-MIRZA 2 22	CONSENT FROM MEDINALAYA NOT RECEIVED CONSENT FROM TRUTURA RECEIVED Feb-23 F		20700Hrs to 1500Hrs	Equipment Maintenance and Relay Testing y Equipment Maintenance and Relay Testing inductor restringing work in between location 52 (T/T) and location no. 62 (T/T) of the 132 kV Panchsgram-Hailakand in SEEVENTIVE MAINTENANCE & INSPECTION WORK REVENTIVE MAINTENANCE & INSPECTION WORK AUGUST OF STATE OF STATE OF STATE OF STATE MAINTENANCE & INSPECTION WORK MILLION TO STATE OF STATE OF STATE MAINTENANCE & CORRIDOR CLEANING WORK WORK AUMINENANCE & CORRIDOR CLEANING WORK WORK WORK REMAINTENANCE & CORRIDOR CLEANING WORK WORK WORK STATE OF STATE OF STATE OF STATE MAINTENANCE & CORRIDOR CLEANING WORK WORK WORK WORK WORK WORK WORK WORK	Normal Maintenance related shutdown. Category Normal Maintenance related shutdown. Normal Maintenance rel	Again line. SD may be availed. NER-ER TIC/ATC will be revised. S/D may be availed subject to no ouatge of elements. SD may be availed subject to no ouatge of elements. SD may be availed subject to availability of 132 kV Srikona-Silchar DC. SD may be availed. 132 kV PK Bari - Dhurmanagar - Dullavcherra line and 132 kV Hailakandi - Dullavcherra line to be kept in service. RELIABILITY OF THE SVETAM STANDING STAN

sx Name of Element	1 2 3 4 5 6 7 8	9 10 11 12	Feb-23	17 18 19	20 21	22 23	24 25	26 27	Time 28	Reason	Category	
SHUTDOWNS PROPOSED BY MePTCL									CSD 09:00 Hrs of			
1 400/220/33 kV ICT-3, 315MVA, Killing S/S									01/02/2023 till the gas leakage issue is resolved by the OEM	SF6 gas leakage	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 400/220/33 kV ICT-4 at Killing
2 132 KV Nongalbibra-Agia		CONSE	ENT FROM ASSAM RECEIVED						09:00 Hrs - 15:00 Hrs	Jungle Clearance works between Loc 237-239	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 132 kV Umiam stgl to Umiam stg III DC and 132 kV Agia-Nangalbibra line.
3 220/132 kV, 160 MVA ICT-2, Killing S/S		NOT AP	PPROVED IN 198TH OCCM						0700Hrs to 1500Hrs	For changing CT Polarity Y Phase LV Side	Normal Maintenance related shutdown.	At present, due to low generation at Meghalaya power system and outage of 132 Khadong Kanili link 132 VV Hafkana linkam line and 132 VV Laktak linkam line the Mechalaya
4 132 KV Umtru Bus Bar		NOT A	PPROVED IN 198TH OCCM						9:30 Hrs -13:00 Hrs	Checking,tightening or replacement of terminal equipments clamps & acessories,isolator contacts,conductors of Bus side etc.	Normal Maintenance related shutdown.	At present, due to low generation at Meghalaya power system and outage of 132 Khadong Kopili link, 132 kV Haflong-lirbam line and 132 kV Loktak-lirbam line, the Meghalaya power system is not N-1 compliant. The SD may only be availd after restoration of Khanong-Kopili link.
5 220 kV Bus Coupler, Killing S/S									0700Hrs to 1500Hrs	Preventive maintenance of CB	Normal Maintenance related shutdown.	The SD may be availed subject to no outage of elements
6 220 kV Transfer Bus Coupler, Killing S/S									0700Hrs to 1500Hrs	Preventive Maintenance of Isolators and CB	Normal Maintenance related shutdown.	The SD may be availed subject to no outage of elements
7 400 kV Silchar-bYRNIHAT Line									0700Hrs to 1500Hrs	Preventive Maintenance of Terminal Equipment and Measurement of IR Value of Line Reactors	Normal Maintenance related shutdown.	The SD may be availed.
8 220 kV Killing Misa Line I									0700Hrs to 1500Hrs	Preventive Maintenance of Terminal Equipments	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 220 kV Killing Misa Line II line
9 220 kV Killing Misa Line II									0700Hrs to 1500Hrs	Preventive Maintenance of Terminal Equipments	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 220 kV Killing Misa Line I line
Name of Element SHUTDOWNS PROPOSED BY TSECL	1 2 3 4 5 6 7 8	9 10 11 12	Feb-23	17 18 19	20 21	22 23	24 25	26 27	Time 28	Reason	Category	
1 132 KV Rokhia - Agartala I									8:00 Hrs - 15:00 Hrs	routine maintenance	Normal Maintenance related shutdown.	SD may be availed subject to availability of 132 KV Agartala - Rokhia II and 132
2 132 KV Ambassa - P.K Bari (ISTS)									8:00 Hrs - 15:00 Hrs	work under NERSHIP project	Construction Related Shutdown	SD may be availed subject to availability of 132 kV Gamaitilla-Ambasa line.
3 132 KV Monarchak - Udaipur									8:00 Hrs - 15:00 Hrs	routine maintenance	Normal Maintenance related shutdown.	SD may be availed. SPS at Monarchak to be in off condition. Combined Flowgat SD may be availed subject to availability of 132 KV Agartala - Rokhia I and 132
4 132 KV Rokhia - Agartala II									8:00 Hrs - 15:00 Hrs	routine maintenance	Normal Maintenance related shutdown. Construction Related Shutdown	SD may be availed subject to availability of 132 kV Agartala - Rokhia I and 132 SD may be availed subject to availability of 132 kV Gamaitilla-Ambasa line.
5 132 KV Ambassa - P.K Bari (ISTS) 6 132 KV Monarchak - Rokhia									8:00 Hrs - 15:00 Hrs 8:00 Hrs - 15:00 Hrs	work under NERSHIP project	Normal Maintenance related shutdown.	SD may be availed SPS at Manarchak to be in off condition. Flowgate of 132 k
7 132 KV Palatana - Udaipur			 						8:00 Hrs - 15:00 Hrs	routine maintenance	Normal Maintenance related shutdown.	SD may be availed subject to availability of 132 kV Monarchak-Rokhin line & 132 kV Monarchak-Lldainus line. SPS at Monarchak to be in off-condition. Combined Floweste or
8 (Dharmanagar)									8:00 Hrs - 15:00 Hrs	routine maintenance	Normal Maintenance related shutdown.	SD may be availed subject to availability of 132 kV Hailakandi-Dullavcherra-
(Dnarmanagar)		 		 								Dharmanagar link. RELIABILITY OF THE SYSTEM IS REDUCED.
» Name of Element	1 2 3 4 5 6 7 8	9 10 11 12	Feb-23	17 18 19	20 21	22 23	24 25	26 27	Time 28	Reason	Category	
SHUTDOWNS PROPOSED BY NTPC									CSD 23:00 hrs of			
1 BgTPP Unit # 3		NOT AP	PPROVED IN 198TH OCCM						20.02.2023 to 23:00 hrs of 17.03.2022 (25 Days)	Overhauling of U#3 BGTPS.	Normal Maintenance related shutdown.	The SD may be availed. Consent from all SLDC has to be taken.
400KV Line 1 & Bay 402 at BgTPP 400 KV Bus 1 at BgTPP Bus Coupler Bay 406 at BgTPP 400KV Line 1 & Bay 402 at BgTPP									0700Hrs to 1500Hrs	Bus 1, Bay 402 Pantograph Isolator 89A, 89L PM/ Alignment & Bay tightness	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 400 kV Bongaigaon- BGTPP line I and both the ICTs at NTPC.
3 400 KV Bus 2 at BgTPP Bus Coupler Bay 406 at BgTPP									0700Hrs to 1500Hrs	Bus 2, Bay 402 Pantograph Isolator 89B PM/ Alignment & Bay tightness	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 400 kV Bongaigaon- BGTPP line I and both the ICTs at NTPC.
400KV Line 2 & Bay 401 at BgTPP 400 KV Bus 1 at BgTPP Bus Coupler Bay 406 at BgTPP									0700Hrs to 1500Hrs	Bus 1, Bay 401 Pantograph Isolator 89A, 89L PM/ Alignment & Bay tightness	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 400 kV Bongaigaon- BGTPP line II and both the ICTs at NTPC.
400KV Line 2 & Bay 401 at BgTPP 400 KV Bus 2 at BgTPP Bus Coupler Bay 406 at BgTPP									0700Hrs to 1500Hrs	Bus 2, Bay 401 Pantograph Isolator 89B PM/ Alignment & Bay tightness	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 400 kV Bongaigaon- BGTPP line II and both the ICTs at NTPC.
sx Name of Element	1 2 3 4 5 6 7 8		Feb-23						Time	Reason	Category	
SHUTDOWNS PROPOSED BY NEEPCO	1 2 3 4 5 6 7 8	9 10 11 12	13 14 15 16	17 18 19	20 21	22 23	24 25	26 27				
1 Kameng HPS Unit # 1	CSD 00:00 Hrs of 01.11.2022 till	ll 23:59 Hrs of 15.06	i.2023 (7.5 months)	Already	Approved	in 195th	оссм		CSD 00:00 Hrs of 01.11.2022 to 23:59 Hrs of 15.06.2023 (total 7.5 months)	for completion of E & C works.	Normal Maintenance related shutdown.	SD may be availed
2 Doyang unit#2	Already Approved in 197	7th OCCM	i						000hrs of 9.01.2023 to 2359 hrs of 02.02.2023	APM works	Normal Maintenance related shutdown.	SD may be availed.
3 220kV Bus 2 and Bus coupler at AGBPP									0000hrs of 26.12.2023 to 2359hrs fo 12.03.2023	Retrofitting, testing and commisiioning works of 220kV CTs	Existing system improvement related shutdown.	SD may be availed.
4 GTG# 6 at AGBPP	Already Approved in 197	Alread	dy Approved in 197th OCCM						0000hrs of 30.01.2023 to	Retrofitting, testing and commissioning works of 220kV CTs	Existing system improvement related shutdown.	SD may be availed.
5 Doyang Unit-III									2359hrs of 5.02.2023 CSD 00:00 Hrs of 06/02/2023	Annual Planned Maintenance Activities (APM)	Normal Maintenance related shutdown.	The SD may be availed. Consent from all SLDC has to be taken.
6 Pare Unit # 1		INTIMA	TION TO ALL						to 17:00 Hrs of 02/03/2023. CSD 00:00 Hrs of 01-02-2023 to	, ,	Normal Maintenance related shutdown.	The SD may be availed. Consent from all SLDC has to be taken.
		INTIMA	ATION TO ALL	4	-				23:59 Hrs of 20-03-2023. CSD 00:00 Hrs of 21-02-2023 to	,		
7 Pare Unit # 2		INTIMA	JON TO ALL					\perp	23:59 Hrs of 12-03-2023.	Annual Planned Maintenance Activities (APM) Annual Planned Maintenance Activities (APM)	Normal Maintenance related shutdown.	The SD may be availed. Consent from all SLDC has to be taken.
		INTIMA	TION TO ALL						CSD 00:00 Hrs of 01-02-2023 to 23:59 Hrs of 28-02-2023.	and replacement of R-Phase Generator Transformer	Normal Maintenance related shutdown.	The SD may be availed. Consent from all SLDC has to be taken.
						1 1 1				_		
8 Kameng Unit # 3 Name of Element		9 10 11 12	Feb-23	17 18 10	20 21	22 22	24 25	26 27	28 Time	Reason	Category	
8 Kameng Unit # 3 ** Name of Element SHUTDOWNS PROPOSED BY INDIGRID	1 2 3 4 5 6 7 8	9 10 11 12	Feb-23	17 18 19	20 21	22 23	24 25	26 27		Reason		
8 Kameng Unit # 3 Name of Element SHUTDOWNS PROPOSED BY INDIGRID 1 400 kV BUS-1 PK Bari	3 2 3 4 5 6 7 6	9 10 11 12	Feb-23 13 14 15 16	17 18 19	20 21	22 23	24 25	26 27	0700Hrs to 1500Hrs	For AMP of 400 kV Bus-1	Normal Maintenance related shutdown.	The SD may be availed subject to no outage of elements.
8 Kameng Unit # 3 Name of Element SHUTDOWNS PROPOSED BY INDIGRID 1 400 kV BUS-1 PK Bari 2 400 kV BUS-2 PK Bari	1 2 3 4 5 6 7 8	9 10 11 12	Feb-23 13 14 15 16	17 18 19	20 21	22 23	24 25	26 27	0700Hrs to 1500Hrs 0700Hrs to 1500Hrs	For AMP of 400 kV Bus-2	Normal Maintenance related shutdown. Normal Maintenance related shutdown.	The SD may be availed subject to no outage of elements.
Kameng Unit # 3 Name of Element SHUTDOWNS PROPOSED BY INDIGRID 400 KV BUS-1 PK Bari 400 kV BUS-2 PK Bari 3 132 kV BUS-1 PK Bari		9 10 11 12	Feb-23	17 18 19	20 21	22 23	24 25	26 27	0700Hrs to 1500Hrs 0700Hrs to 1500Hrs 0700Hrs to 1500Hrs	For AMP of 400 kV Bus-2 For AMP of 132 kV Bus-1	Normal Maintenance related shutdown. Normal Maintenance related shutdown. Normal Maintenance related shutdown.	The SD may be availed subject to no outage of elements. The SD may be availed subject to no outage of elements.
8 Kameng Unit # 3 Name of Element SBUTDOWNS PROPOSED BY INDIGRID 1 400 kV BUS-1 PK Bari 2 400 kV BUS-2 PK Bari		9 10 11 12	Feb-23	17 18 19	20 21	22 23	24 25	26 27	0700Hrs to 1500Hrs 0700Hrs to 1500Hrs	For AMP of 400 kV Bus-2	Normal Maintenance related shutdown. Normal Maintenance related shutdown.	The SD may be availed subject to no outage of elements.
Kameng Unit # 3 Name of Element SHUTDOWNS PROPOSED BY INDIGRID 400 kV BUS-1 PK Bari 400 kV BUS-2 PK Bari 132 kV BUS-1 PK Bari 132 kV BUS-2 PK Bari		9 30 11 12	Feb-23 13 14 15 16	17 18 19	20 21	22 23	24 25	26 27	0700Hrs to 1500Hrs 0700Hrs to 1500Hrs 0700Hrs to 1500Hrs 0700Hrs to 1500Hrs	For AMP of 400 kV Bus-2 For AMP of 132 kV Bus-1 For AMP of 132 kV Bus-2	Normal Maintenance related shutdown. Normal Maintenance related shutdown. Normal Maintenance related shutdown. Normal Maintenance related shutdown.	The SD may be availed subject to no outage of elements. The SD may be availed subject to no outage of elements. The SD may be availed subject to no outage of elements.
Name of Element SHUTDOWNS PROPOSED BY INDIGRID 400 kV BUS-1 PK Bari 400 kV BUS-2 PK Bari 132 kV BUS-1 PK Bari 132 kV BUS-1 PK Bari 400 kV BUS-1 SM Nagar		9 10 11 12	Feb-23 13 14 15 16	17 18 19	20 21	22 23	24 25	26 27	0700Hrs to 1500Hrs 0700Hrs to 1500Hrs 0700Hrs to 1500Hrs 0700Hrs to 1500Hrs 0700Hrs to 1500Hrs	For AMP of 400 kV Bus-2 For AMP of 132 kV Bus-1 For AMP of 132 kV Bus-2 For AMP of 400 kV Bus-1	Normal Maintenance related shutdown. Normal Maintenance related shutdown. Normal Maintenance related shutdown. Normal Maintenance related shutdown. Normal Maintenance related shutdown.	The SD may be availed subject to no outage of elements. The SD may be availed subject to no outage of elements. The SD may be availed subject to no outage of elements. The SD may be availed subject to no outage of elements.

Name of Element			Feb.23			Time	Reason	Category	
	1 2 3 4 5	6 7 8 9	Feb-23	8 19 20 21 22 23 24 25	26 27 28	Time	Reason	Category	
SHUTDOWNS PROPOSED BY NETC									
1 400 kV Silchar-Byrnihat TL (Ckt- II)			CONSENT FROM MEGHALAYA RECEIVED			0700Hrs to 1500Hrs	Replacement of damaged insulators due to lightning at tower loc. no. 468 and cleaning of porcelain insulators at the consecutive locations.	Normal Maintenance related shutdown.	The SD may be availed.
2 400 kV Silchar-Azara TL (Ckt- I)			CONSENT FROM ASSAM RECEIVED			0700Hrs to 1500Hrs	Replacement of damaged insulators due to lightning at tower loc. no. 443, 466, 487, 519 & 580.	Normal Maintenance related shutdown.	The SD may be availed subject to availability of 400 kV Bongaigaon-Aza line.
3 400 kV Byrnihat-Bongaigaon TL (Ckt-II)			CONSENT FROM MEGHALAYA RECEIVED			0700Hrs to 1500Hrs	i. Replacement of porcleain insulator string with polymer insulator at tower loc. no. 728. These insulators got damaged due to heavy pollution emitted from the nearby Brick Klins. ii. Cleaning of polluted insulators at tower loc. no. 730.		SD may be availed. NER-ER TTC/ATC will be revised.
Name of Element	1 2 3 4 5	6 7 8 9	Feb-23	8 19 20 21 22 23 24 25	26 27 20	Time	Reason	Category	
SHUTDOWNS PROPOSED BY NHPC (Lokta									
1 Loktak Unit#1	<u> </u>			INTIMATION TO ALL		CSD from 0800Hrs of 04-02- 2023 to 2359Hrs of 18-02-2023	APM	Normal Maintenance related shutdown.	The SD may be availed. Consent from all SLDC has to be taken.
2 Loktak Unit#2			INTIMATION TO ALL			CSD from 0800Hrs of 20-02- 2023 to 2359Hrs of 06-03-2023	APM	Normal Maintenance related shutdown.	The SD may be availed. Consent from all SLDC has to be taken.
APPROVED									
REJECTED									

Ahmexure 3.8

	Requirements for Charging/E	nergization an	nd Integration of Alt	ered (including	modified/replaced/uj	ograded) Power	System Elements
Case	Particulars	CEA- RIO/State EI Clearance	PTCC clearance	Undertaking (to be submitted by asset owner)	VOIP Communication, SCADA & PMU Data Availability	Protection Coordination (to be ensured by owner)	Reference
1	Charging of already commissioned element like 1-ph or 3-ph Phase ICT /GT/ST Reactor / Transmission line / Bay / STACOM / SVC/ FSC / HVDC after continuous outage for more than 6 months	Yes	Not required	No	Yes	Confirmation from Licensee that no changes have been carried out which may affect protection coordination	
2	Charging of already commissioned transmission line/bay equipment after alteration (including modification/ replacement/ upgradation) under Planned/Emergency/Forced outage						
a	Replacement and/or upgradation of substation equipment: CT, PT, CVT, Isolator, CB, LA, Bushing and Wave trap	Yes	Not required	Yes (as per Annexure- B6)	Yes	Yes (If changes in protection coordination are required as mentioned in Annexure-B6)	CEA clarification vide No. CEI/1/4/2022/270 dated 26.05.2022

	Requirements for Charging/E	nergization aı	nd Integration of Alte	ered (including	modified/replaced/up	ograded) Power	System Elements			
Case	Particulars	CEA- RIO/State EI Clearance	PTCC clearance	Undertaking (to be submitted by asset owner)	VOIP Communication, SCADA & PMU Data Availability	Protection Coordination (to be ensured by owner)	Reference			
b	Replacement of one phase of a failed ICT/Transformer/Reactor after replacement with spare which is yet to be commissioned (Not applicable on already commissioned and live spares)	Note: The de	Γο be processed as a fresh case for First Time Charging, PTCC clearance not required Note: The details about already commissioned spares at the substation to be provided by icensee. The connection diagram of hot spares also to be shared.							
c	Replacement of failed 3-ph ICT/GT/ST/ Reactor with new ICT/GT/ST/ Reactor	To be process	To be processed as a fresh case for First Time Charging, PTCC clearance not required							
3	Charging of transmission line after restoration of damaged/collapsed towers at the same location	Yes	Not required	Yes (as per Annexure- B6)	Yes	Yes (If changes in protection coordination are required as mentioned in Annexure-B6)	CEA clarification vide No. CEI/1/4/2022/270 dated 26.05.2022			
4	Restoration of transmission line through Emergency Restoration System towers	to RLDC/NL • All Electric • Time span if the concerned • Subsequent would have Electric Supp (Approval free	• ERS plan and schedule to be shared to the concerned CEA-RIO over email with a copy to RLDC/NLDC and telephonic intimation to be conveyed beforehand. • All Electrical Safety measures at the ERS site must be followed strictly. • Time span for the ERS work should be reasonable & limited and have approval from the concerned CEA-RIO. • Subsequent to completion of Diversion / restoration works, Electrical inspection would have to be done under Regulation-43 of CEA (Measures relating to Safety and Electric Supply) 2010 (as amended) for charging the line. (Approval from CEA-RIO/State EI Clearance during shifting to ERS as well as while bringing back to permanent structure shall be required)							

	Requirements for Charging/E	nergization a	nd Integration of Alte	ered (including	modified/replaced/up	ograded) Power	System Elements		
Case	Particulars	CEA- RIO/State EI Clearance	PTCC clearance	Undertaking (to be submitted by asset owner)	VOIP Communication, SCADA & PMU Data Availability	Protection Coordination (to be ensured by owner)	Reference		
5	Restoration after re- conductoring,re-bundling or similar other alterations which can change the nature of power flow in the line (say from AC to DC transmission) and short circuit capacity of terminal substations	Fresh PTCC	To be processed as a fresh case for First Time Charging. Fresh PTCC Clearance or Suitable Advisory on requirement of fresh PTCC Clearance by CEA to be submitted by transmission licensee.						
6	Restoration of transmission line after upgradation/increase in voltage level	Fresh PTCC	To be processed as a fresh case for First Time Charging. Fresh PTCC Clearance or Suitable Advisory on requirement of fresh PTCC Clearance by CEA to be submitted by transmission licensee.						
7	Charging of already commissioned transmission line after Alteration (including Diversion/ Modification/ Tower height modification) on account of change in river course, infrastructure projects etc.	Yes	Fresh PTCC Clearance or Suitable Advisory on requirement of fresh PTCC Clearance by CEA to be submitted by transmission licensee. (Not required for increase in tower height only)	Yes (as per Annexure- B7)	Yes	Yes (If changes in protection coordination are required as mentioned in Annexure-B7)	CEA clarification vide No. PTCC/Misc/200/391- 393 dated 06.05.2022		
8	Anti-theft charging of already commissioned /new transmission line								

	Requirements for Charging/Energization and Integration of Altered (including modified/replaced/upgraded) Power System Elements									
Case	Particulars	CEA- RIO/State EI Clearance	PTCC clearance	Undertaking (to be submitted by asset owner)	VOIP Communication, SCADA & PMU Data Availability	Protection Coordination (to be ensured by owner)	Reference			
a	Idle charging (for anti-theft) of a section of new transmission line which is not terminated at both ends		Yes	Yes (as per	V	Yes (Relay settings	CEA clarification vide			
b	Charging a section of already commissioned transmission line which is under breakdown	N/A	Not required	Annexure- B8)	Yes	confirmation for safe anti- theft charging)	letter to NLDC dated 08.09.2015			

/ long outage