



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

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



ISO 9001:2008

Ph. No: 0364 - 2534039
Fax No: 0364 - 2534040
Website: www.nerpc.nic.in

No. NERPC/SE/PCC/2017/2565-2589

Dated: August 17, 2017

To,

1. Managing Director, AEGCL, Bijuli Bhawan, Guwahati – 781 001
2. Managing Director, APDCL, Bijuli Bhawan, Guwahati – 781 001
3. Managing Director, APGCL, Bijuli Bhawan, Guwahati – 781 001
4. Director (Generation), Me. PGCL, Lumjingshai, Short Round Road, Shillong – 793 001
5. Director (Distribution), Me. ECL, Lumjingshai, Short Round Road, Shillong – 793 001
6. Director(Transmission), Me. PTCL, Lumjingshai, Short Round Road, Shillong – 793 001
7. Managing Director, MSPDCL, Electricity Complex, Keishampat, Imphal – 795 001
8. Managing Director, MSPCL, Electricity Complex, Keishampat, Imphal – 795 001
9. Director (Tech), TSECL, Banamalipur, Agartala – 799 001
10. Director (Tech), TPGL, Banamalipur, Agartala – 799 001
11. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791111
12. Chief Engineer (EE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791111
13. Chief Engineer (TP&MZ), Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791111
14. Engineer-in-Chief (P&E), Department of Power, Govt. of Mizoram, Aizawl – 796 001
15. Chief Engineer (P), Department of Power, Govt. of Nagaland, Kohima – 797 001
16. CGM, (LDC), SLDC Complex, AEGCL, Kahilipara, Guwahati-781 019
17. General Manager, TSECL, Agartala – 799 001
18. Group General Manager, NTPC, Bongaigoan Thermal Power Project, P.O. Salakati, Kokrajhar- 783369
19. General Manager (Coml.), NTPC, 3rd Floor, OLIC Bldg., Pl No- N.17/2, Nayapalli, Bhubaneswar-12
20. ED, NERTS, PGCIL, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
21. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
22. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
23. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
24. GM (Plant), OTPC, Badarghat Complex, Agartala, Tripura - 799014
25. GM, NERLDC, Dongtiah, Lower Nongrah, Lapalang, Shillong -793 006

Sir,

The revised minutes of the 47th Protection Co-ordination Committee (PCC) of NERPC held on 24th July 2017 (Monday) at Hotel Nandan, Guwahati at 10:30 hrs. is sent herewith for your kind perusal and necessary actions of all concerned.

भवदीय / Yours faithfully,

(एल. बी. मुआनथंग / L. B. Muanthang)
अधीक्षण अभियंता / Superintending Engineer

Copy to:

1. CGM, AEGCL, Bijuli Bhavan, Guwahati - 781001
2. CGM, APGCL, Bijuli Bhavan, Guwahati - 781001
3. CGM, DISCOM, Bijuli Bhavan, Guwahati - 781001
4. Head of SLDC, Me.ECL, Lumjingshai, Short Round Road, Umjarain, Shillong – 793 022
5. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
6. Head of SLDC, Department of Power, Dimapur, Nagaland
7. Head of SLDC, Electricity Department, Govt. of Manipur, Keishampat, Imphal – 795 001
8. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl – 796 001
9. Head of SLDC, TSECL, Agartala – 799 001
10. Chief Engineer(Elect), Loktak HEP, Vidyut Vihar, Kom Keirap, Manipur- 795124
11. Addl. GM (O&M & Elec), NTPC Ltd., Bongaigoan Thermal Power Project, P.O. Salakati, Kokrajhar- 783369
12. DGM (C&M), OTPC, 6th Floor, A-Wing, IFCI Tower -61, Nehru Place, New Delhi – 110019.



निदेशक / Director/ SE

North Eastern Regional Power Committee

MINUTES OF THE 47TH PROTECTION COORDINATION

SUB-COMMITTEE MEETING OF NERPC

Date of Meeting : 24/07/2017 (Friday)
Time of Meeting : 10:30 hrs
Venue : "Hotel Nandan", Guwahati.

The List of Participants in the 47th PCC Meeting is attached at **Annexure - I**.

Member Secretary, NERPC welcomed all participants and stressed the need for active participation of members from the constituents. He informed the forum that the request for increasing the frequency of PCC meeting will be considered only if the constituents are actively participating in the PCC meetings, otherwise it is of no use. DGM, NERLDC informed that attendance in the last PCCM which was held 3 months back was also thin as today. All major constituents like POWERGRID, NTPC, NEEPCO, NHPC, AEGCL, MePTCL are regularly participating in the PCC meeting. To resolve protection issues which need to be attended/rectified immediately, NERLDC requested NERPC to organize PCC meeting bi-monthly and subgroup meeting monthly. MS, NERPC agreed to consider holding PCC meeting bi-monthly and subgroup meeting monthly. He then asked Shri L. B. Muanthang, SE(P), NERPC to take up the agenda for discussion.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF THE MINUTES OF 46th MEETING OF PROTECTION SUB-COMMITTEE OF NERPC

The minutes of 46th meeting of Protection Sub-committee held on 07th April 2017 at Guwahati were circulated vide letter No. NERPC/SE/PCC/2016/1554-578 dated 21st April 2017.

As no comments/observations were received from any of the constituents, the Sub-Committee confirmed the minutes of 46th PCCM of NERPC

ITEMS FOR DISCUSSION

1. Third Party Protection audit of NER Sub-Stations

It was discussed in the **subgroup meeting held on 23rd Jan'17** that the last 3rd party Protection audit was done 4 years back. As per recommendations of Enquiry Committee, thorough third party protection audit need to be carried out in time bound manner. This exercise should be repeated periodically and monitored by RPCs. Subgroup agreed that it was necessary to carry out 3rd party protection

audit at the earliest and referred the matter to PCC forum.

In 46th PCCM, Sr. Executive, OTPC informed the forum that OTPC has already implemented the recommendations of audit committee and submitted the report to NERPC. Forum requested subgroup to review the relay settings submitted by OTPC. Sr. Manager, TSECL informed the forum that they have implemented the recommendations for distance protection and will be implementing for other relays at the earliest. Forum requested TSECL to submit report by 30th April, 2017 to NERPC.

After detailed deliberation, it was decided to carry out third party protection audit of 1/3rd of NER substation. Forum decided to form 8 teams with 2 members from NERPC, NERLDC, POWERGRID, NEEPCO, AEGCL, MePTCL & TSECL each and one member each from DoP, Nagaland, P&ED, Mizoram, MSPCL & all ISGS in NER. In POWERGRID substation audit, members from 2 states & NERLDC/NERPC shall be present. And in state substation audit, members from POWERGRID, NERPC/NERLDC and other state shall be present. All constituents are requested to send their nominee(s) to SE(P), NERPC before 30th April, 2017. Formation of teams, identification of stations and utility wise coordinators & preparation of audit schedule are to be completed within 30th April'17 by subgroup. Forum requested hosting station to arrange logistics, food & accommodation facilities to the audit team. Audit will be starting from May 2017.

During Subgroup Meeting held on 17th July, 2017, NERPC requested DGM, NERLDC to brief the Subgroup about the strategy for conducting 3rd Party Protection Audit. NERLDC informed the subgroup that 3rd Party Protection Audit of one-third of the total substations and generating stations may be carried out in the 1st phase. In view of this, NERLDC highlighted the following **substations and generating stations of respective constituents to be carried out in 1st phase considering the most critical Substation and Generating Station and based on protection related issues.**

1. **POWERGRID: Substations** at +/- 800 kV HVDC Biswanath Chariali, 400/132 kV Silchar, 220/132 kV Mariani, 220/132 kV Mokokchung, 220/132 kV Dimapur, 132/33 kV Imphal (**Total 6 Substations**).
Switching Stations at 132 kV Aizawl and 132 kV Khleihriat (**Total 2 Switching Stations**).
2. **NEEPCO:** Generating Stations at 220 kV AGBPP, 132 kV AGTCCPP, 132 kV Doyang HEP and 132 kV TGBPP, Monarchak (**Total 4 Generating Stations**).
3. **NHPC:** 132 kV Loktak HEP.
4. **NTPC:** 400 kV BgTPP.
5. **OTPC:** 400 kV Palatana GBPP.
6. **DoP, Arunachal Pradesh:** Substation at 132/33 kV Khupi, 132/33 kV Pasighat, 132/33 kV Chimpur and 132/33 kV Daporijo (**Total 4 Substations**).
7. **AEGCL:** Substations at 400/ 220 kV Azara, 220/132/33 kV BTPS, 220/132/33 kV Agia, 220/132/33 kV Samaguri, 220/132/66/33 kV Mariani, 220/132/66/33 kV Tinsukia, 220/132/33 kV Sonabil, 220/33 kV Jawaharnagar, 220/132/33 kV Boko, 132 kV/33 Gohpur, 132/33 kV Kahilipara, 132/33 kV Rangia, 132/33 kV Dhaligaon, 132/33 kV Panchgram, 132/33 kV Srikona, 132/33 kV Umrangsho, 132/33 kV Dibrugarh, 132/33 kV Depota, 132/33 kV Pailapool and 132/33 kV Bokajan Substation (**Total 20 Substations**)
Generating Stations at 132 kV NTPS, 132 kV LTPS and 132 kV Karbi Langpi HEP (**Total 3 Generating Stations**).
8. **MSPCL:** Substations at 132/33 kV Imphal, 132/33 kV Ningthoukhong, 132/33 kV Karong and 132/33 kV Kakching (**Total 4 Substations**).
9. **MePTCL:** Substations at 132/33 kV Khleihriat, 132/33 kV Mawlai, 132/33 kV NEHU, 132/33 kV Nangalbibra and 132/33 kV EPIP-II (**Total 5 Substations**)
Generating Stations at 132 kV Leska HEP and 132 kV Umiam Stage-III HEP (**Total 2 Generating Stations**).
10. **P & ED, Mizoram:** Substations at 132/33 kV Zuanmtui, 132/33 kV Luangmual and 132/33 kV Kolasib (**Total 3 Substations**).
11. **DoP, Nagaland:** Substations at 132/66/33 kV Dimapur, 132/33 kV Kohima and 132/33 kV Mokokchung (**Total 3 Substations**).

12. **TSECL:** Substations at 132/66/33 kV Agartala, 132/66/33 kV Udaipur, 132/33 kV Surajmaninagar, 132/33 kV PK Bari, 132/33 kV Budhjangnagar and 132/33 kV Dharmanagar (**Total 6 Substations**)

Generating Stations at 132 Rokhia, 132 kV Baramura and 66 kV Gumti (**Total 3 Generating Station**).

It was discussed in the meeting that a group comprising of one member each of NERPC/NERLDC, NTPC/NHPC/NEEPCO/OTPC/POWERGRID and state constituent shall be nominated for carrying out the 3rd Party Protection Audit.

Data as per Ramakrishna Task Force format and NERPC format should be available prior to protection audit.

Subgroup concluded the discussion by stating that the above Substations and Generating Stations may be audited w.e.f. 1st week of August, 2017 and referred the matter to PCC forum.

Deliberation of the sub-Committee:

After detailed deliberation, forum agreed to carry out 3rd party protection audit in substations and generating stations suggested by sub group. Considering the fact that minimum 3 days are required for audit of one station and 5 months required for completion of 1st phase of Audit. It was also decided to form different groups of nearby sub-stations/Power Stations which are to be audited to reduce travel time. The audit will start from first week of August, 2017 and will cover 1/3rd of NER substation. Schedule of 1st phase of 3rd Party Protection Audit of NER substations and power stations is attached as **Annexure I**.

NERLDC requested the forum that next phase of protection audit may be outsourced, for which funds may be arranged from PSDF.

Member Secretary, NERPC informed the forum that getting fund from PSDF is a lengthy process. So the constituent may continue the present process of auditing by constituents.

The Sub-committee noted as above.

Action: All constituents.

2. Identification of short lines to install line differential protection

During Sub Group Committee Meeting of PCC held on 24th Oct'16, NERLDC informed the forum that for purpose of installation of line differential protection on Short lines, it is necessary to identify the list of lines for this purpose.

The identification exercise for installation of Differential Protection relays has to be completed for all Transmission Lines of NER Grid level on a priority basis.

As informed by BgTPP-NTPC & POWERGRID, the installation of Differential Protection on 400 kV BgTPP – Bongaigaon D/C has been completed. As the 1st stage, differential protection is to be installed on important short lines like 132 kV Silchar – Srikona D/C, 132 kV Imphal(PG) – Imphal(MSPCL) D/C etc.

In 45th PCC meeting, forum decided that in the absence of uniformity of specific length criteria for installation of differential protection installation on short lines (valid for both existing and new transmission lines), the criteria adopted by SRPC could be referred for North-Eastern Region. After detailed deliberation, the following criterion was decided for adoption for identification of short line for differential protection:-

- a) All 132 kV transmission lines of length <5 Kms.
- b) All 220 kV transmission lines of length <10 Kms
- c) All 400 kV transmission lines of length <50 Kms
- d) All 132 kV & above dedicated transmission lines of Generators with installed capacity > 50 MW

The short lines as identified would be considered on basis of importance for installation of Differential Protection relays. The process of installation may be started wherever no additional investments in terms of Communication links between two ends of the line are required. Constituents of NER are requested to identify the lines in which line differential protections are to be installed under above criteria.

In 46th PCCM, it was decided that all constituents should identify short lines (integrated) only and submit the list of such lines to NERPC & NERLDC by 30th April, 2017. Subgroup will compile and come out with complete list of all such short line where differential protection is required by 30th April 2017. MePTCL informed that they have already identified the short lines.

After detailed deliberation, it was decided to exclude short lines that are radially

connected to NER Grid from installing differential protection.

AEGCL informed that they have placed order to ABB for differential protection in line between LV side of ICT-2 at BgTPP and 220 kV BTPS bus. NTPC informed that this link shall not be treated as line, as there is no 220 kV Bus at BgTPP end. Due to difference in opinion amongst AEGCL, NTPC, PGCIL and NERLDC it was decided that NERPC & NERLDC will arrange a separate meeting with AEGCL and NTPC to sort out this matter.

MePTCL & AEGCL have replied to NERLDC/NERPC with the list of lines for installation of line differential relay but the list submitted by AEGCL is not complete.

Forum may please review the criteria for installation of differential protection relay. Members may compile and finalize the list of all the lines of NER where differential protection relay is to be installed

Deliberation of the sub-Committee:

After detailed deliberation, it was decided that all utilities shall identify the short lines for installation of Line Differential Protection by 31st Jul'17. Power Utilities may refer List of Important Grid Element document which is available at NERLDC website (url: <http://www.nerldc.org/IE.aspx>) for identification of short lines.

Utilities shall furnish the list of short lines identified for installation of Line Differential Protection to NERPC/NERLDC along with availability of OPGW in the identified short lines. Member Secretary, NERPC informed that funding for installation of Line Differential Protection & OPGW can be awarded from PSDF for state utilities and PSUs may include these expenses in PoC Charges.

NERLDC informed the forum that approval is to be taken by concerned utilities from the forum, in special cases where line length is more than the approved criterion and repeated tripping occurs in account of over reach like 132 kV AGTCCPP-Agartala D/C etc.

NERPC informed that Meghalaya has already made the DPR for PSDF funding. Other state utilities are also requested to do the same. The forum really appreciate the effort made by MePTCL in preparing DPR for PSDF funding.

The Sub-committee noted as above.

Action: All constituents.

3. Finalization of Draft model maintenance procedures that are to be followed by utilities.

During 46th PCC Meeting, it was decided that all constituent has to give

suggestions and feedback on Draft model maintenance procedure for transmission system prepared by group comprising of NERLDC, PGCIL and AEGCL on or before 30th April, 2017. **After 30th April, 2017, the sub-committee will finalize the maintenance procedure.**

Also, Forum requested all members to furnish list of plant wise available diagnostic tools to NERPC & NERLDC by 30th April 2017. MePTCL informed that they submitted the list of diagnostic tools to NERPC.

Forum also requested power utilities of NER to assess the number of new kits for measurement of tower footing resistance without the need to disconnect earth shielding wire. Possibilities of funding from PSDF for this purpose may be explored.

However, no feedback has been received from constituents regarding draft model maintenance procedure for transmission utilities.

The draft model maintenance procedure for transmission utilities is considered as final and transmission utilities may please follow the maintenance procedure.

Deliberation of the sub-Committee:

After detailed deliberation, it was decided to circulate the draft maintenance procedure once again to all constituent for their comments. The forum requested all constituents to go through the draft model maintenance procedure and give their valuable feedback by 31st Jul'17. Member Secretary, NERPC requested subgroup to make necessary changes as per inputs from utilities and finalize model maintenance procedure. In case of no inputs/comments from utilities, the draft model maintenance procedure for transmission utilities may be considered as final. He also informed that finalized model maintenance procedure will be discussed in next RPC meeting.

The forum also requested all ISGS to submit the maintenance procedure followed by them to NERLDC and NERPC by 20.08.17.

The Sub-committee noted as above.

Action: All constituents.

4. Calculation of Relay Setting as per recommendation of V. Ramakrishna Task Force

The relay settings details as formulated by NERTS in line with recommendations of V. Ramakrishna Task Force on Power system contingencies, had been circulated

by NERLDC to all constituents of NER for comments. During Sub Group Committee Meeting of PCC held on 24th Oct'16, it was agreed that the same can be implemented at the earliest for uniformity in protection systems.

In 45th PCC meeting, it was informed to the forum that MePTCL has started the exercise while AEGCL has started implementing but having problem in the Resistive Reach setting and will come up with detailed analysis of the issue in the next meeting. TSECL has assured that it will start the work at the earliest. NTPC told that they can start implementing as per NERTS formulation only after receiving comments from their Corporate Office and will communicate the same to NERPC at the earliest.

Status as per 46th PCCM is given in the table below:

| Sl. No. | Constituent | Current Status of implementation | Completion Date |
|----------------|--------------------|---|------------------------|
| 1. | Assam | Started | By September, 2017 |
| 2. | Arunachal Pradesh | No representative present | By September, 2017 |
| 3. | Manipur | No representative present | By September, 2017 |
| 4. | Meghalaya | Started | By September, 2017 |
| 5. | Mizoram | No representative present | By September, 2017 |
| 6. | Nagaland | Not started | By September, 2017 |
| 7. | Tripura | Completed | Completed |
| 8. | NERTS | Completed | Completed |
| 9. | NEEPCO | Started | By September, 2017 |
| 10. | NHPC | Completed | Completed |
| 11. | NTPC | Started | By April, 2017 |
| 12. | OTPC | Completed | Completed |

The committee requested all constituent to implement recommendation of V. Ramakrishna Task Force by September, 2017 and furnish report of the same to NERPC and NERLDC.

Members may please intimate the status of implementation of Relay Settings

as per Ramakrishna task force.

Deliberation of the sub-Committee:

The status as per 47th PCCM is given in the table below:

| Sl. No. | Constituent | Current Status of implementation | Completion Date |
|---------|-------------------|---|--------------------|
| 1. | Assam | Implemented in 400 kV Silchar - Azara, 220 kV Tinsukia-AGBPP, 220 kV BTPS – Salakati lines. | By September, 2017 |
| 2. | Arunachal Pradesh | No representative present | By September, 2017 |
| 3. | Manipur | No representative present | By September, 2017 |
| 4. | Meghalaya | Completed except for substation in Garo hills. | By September, 2017 |
| 5. | Mizoram | No representative present | By September, 2017 |
| 6. | Nagaland | Started | By September, 2017 |
| 7. | Tripura | Completed | Completed |
| 8. | NERTS | Completed | Completed |
| 9. | NEEPCO | Started (RHEP & AGBPP Completed) | By September, 2017 |
| 10. | NHPC | Completed | Completed |
| 11. | NTPC | Started | By September, 2017 |
| 12. | OTPC | Completed | Completed |

The committee requested all constituent to implement recommendation of V. Ramakrishna task Force by September, 2017 and sent report of the same to NERPC.

NERLDC requested all constituents to take approval from NERPC prior to changing of any protection settings other than recommendation of V. Ramakrishna task Force.

The Sub-committee noted as above.

Action: All constituents.

5. Review of Zone-II relay settings:

During Sub Group Committee Meeting of PCC held on 24th Oct'16, the forum discussed the relay settings document finalized by NERTS, POWERGRID for adoption in NER, for fulfillment with recommendations of V. Ramakrishna Committee Task Force. The forum had agreed for implementation of Zone-II / Zone-III settings accordingly.

NERLDC has circulated the impedances of shortest and longest lines for review of the reach of Zone-II Relay Settings by the constituents. Till now NERLDC has

received comments from Assam, Meghalaya, OTPC and Kopili (NEEPCO). Forum asked AEGCL to furnish the guidelines of Zone-2 timing followed by them at the earliest to NERPC & NERLDC.

In 46th PCCM, after detailed deliberation it was decided that Zone –II setting to be completed for all important lines by 30th April, 2017. Forum requested subgroup to circulate list of important lines where settings have to be implemented at the earliest. The list of important lines was circulated to all the utilities by subgroup. The same was discussed in subgroup meeting on 18th April'17.

Deliberation of the sub-Committee:

After detailed deliberation, it was decided that Zone –II setting to be completed for all important lines by 15th August, 2017. AEGCL will implement the zone –II settings for all critical lines by 15th August, 2017 and for the remaining lines by September, 2017. Forum requested all power utilities to inform latest status to NERPC/NERLDC by 31st Jul'17. NERLDC requested that all power utilities refer List of Important Grid Elements document for implementation of the scheme on priority basis.

The Sub-committee noted as above.

Action: AEGCL

6. Review of relay settings- Substation wise (including downstream state substation):

During Sub Group Committee Meeting of PCC held on 24th Oct'16, it was informed that due to ill-coordination in relay settings between State systems and ISTS, frequent tripping of elements are occurring. Most of the Grid disturbances in NER Grid are due to this. **P&E Dept., Mizoram and DoP, Nagaland** were requested to co-ordinate their relay settings with ISTS systems and implement the same as suggested by NERTS.

NERPC may take up with P&E Dept., Mizoram and DoP, Nagaland in this regard for quick implementation.

Decision taken in sub group meeting held at Shillong on 24.10.16 are to be implemented at the earliest and status to be reported to NERPC&NERLDC.

In 46th PCCM, EE, DoP Nagaland informed the forum that they will discuss with POWERGRID and implement the required relay settings in downstream elements of DoP, Nagaland within 1 month to avoid unnecessary tripping of ISTS lines due

to downstream fault.

Deliberation of the sub-Committee:

NERLDC informed the forum that frequent tripping of upstream elements is occurring due to improper relay coordination at downstream state-substations (33 kV & 11 kV) especially in Tripura, Mizoram & Nagaland power systems. DoP, Nagaland representative informed the forum that relay setting at Dimapur (DoP, Nagaland) has already been reviewed and implemented. He also informed that report of the same will be submitted to NERPC within 1 week.

The forum requested DoP, Nagaland to check whether breaker is operational in 33/11 kV substations, so that downstream fault is not propagated and to inform NERLDC/NERPC.

The Sub-committee noted as above.

Action: DoP Nagaland.

7. Details of PSS installed and activated in all Hydro stations:

During Sub Group Committee Meeting of PCC held on 24th Oct'16, NERLDC requested all power stations to provide details where PSS is installed. It was also requested to activate existing PSS after tuning and inform the same through mail. NEEPCO vide mail dtd. 27th Oct'16 informed that all hydro stations of NEEPCO have PSS installed and activated. NERLDC vide email dtd. 27th Oct'16 had requested NEEPCO for further details of PSS. NERLDC requested NEEPCO and NHPC to furnish details and settings of existing PSS (Time constant, PSS gain, PSS output limiter Max, Min etc.).

Only Palatana CCGT has provided the details of PSS installed and activated for damping oscillations to NERLDC, whereas the details provided by NEEPCO is not sufficient and to be submitted to NERPC/NERLDC. NEEPCO has given parameters of block diagram of some of their generators (Khandong, etc.), which do not convey any practical meaning in sense of damping of Low Frequency Oscillations. NERLDC requested NEEPCO to furnish the following details of PSS – Make, Date installed, Last date of tuning by OEM, Tuned frequency range.

In the 45th PCCM, NERLDC expressed concern in the matter of several cases of Poorly Damped/Negatively Damped Oscillations in Southern part of NER Grid, and requested NHPC to tune their PSS if it is already installed, and furnish details of PSS to NERPC&NERLDC.

In 46th PCCM, the committee requested NEEPCO to provide the necessary details

to NERLDC at the earliest. NERLDC requested NHPC to install PSS for the better system operation. Manager, NHPC informed that PSS is not installed in Loktak generating station.

Deliberation of the sub-Committee:

Sr. Manager, NEEPCO informed the forum that they have already provided the data available with them. DGM, NERLDC requested NEEPCO to obtain the remaining data from OEM as the data provided is not sufficient. Forum requested NEEPCO to take up issues with OEM and submit required data to NERLDC at the earliest.

Status of PSS in Gas Stations of NEEPCO:

AGBPP - No PSS

AGTCCPP GTGs - Under procurement process

AGTCCPP STGs - Enabled

The Sub-committee noted as above.

Action: NEEPCO.

8. Standardization of Disturbance Recorder Channels:

Disturbance Recorders on Transmission elements are necessary for post disturbance analysis, and identification & rectification of any protection operation. As per CBIP's manual on Protection of Generators, GT, Transformers and Networks, it is recommended to have minimum 8(eight) analog signals and 16(sixteen) binary signals per bay or circuit. Also, it should have a minimum of 5 sec of total recording time, minimum pre-fault recording time of 100 msec and minimum post-fault recording time of 1000 msec.

POWERGRID had standardized Disturbance Recorder Channels for lines, transformers & reactors. The Sub-committee requested NERPC/NERLDC to circulate the above standardization to all constituents of NER for giving comments and suggestion by 24.07.15. NERLDC had sent this document to all constituents of NER for giving comments and suggestion by 24.07.15.

During 42nd PCC meeting, the forum requested NTPC to provide their standardized DR Channels for generator so that it may be standardized for all generating units of NER. NTPC representative readily agreed. S.E. (O) once again requested all the constituents to kindly furnish their comments so that the process may be completed.

During the 43rd PCCM, DGM (SO-II), NERLDC stated since no comments/observations were received from the constituents it may be assumed that the DR channels for line, transformer and reactor are finalized. After detailed deliberation, forum decided DR channels as finalized have to be implemented in all ISTS lines and intra-state lines with numerical relays, within 31.07.2016 and gradually for all 220kV and 132kV lines.

The forum agreed that since Assam power system is the largest state system of NER Grid, standardization of DR channels in lines of Assam is felt necessary. It was decided that AEGCL may complete implementation of standardized DR channels by 31st August 2016, and take help from NERTS, if necessary.

NTPC agreed to submit standardized DR channels for generator by 20.07.2016, which can then be discussed for adoption by all generators of NER Grid.

In 44th PCCM, AEGCL representative informed the forum that the work of DR standardization will be completed by 30th November 2016.

In 46th PCCM, AGM, AEGCL informed that they have already standardized DR channels for all 200KV and above lines. NERLDC informed forum that after repeated request to OTPC, their DR digital channels are not standardized, so proper analysis of events related to Palatana could not be done. OTPC informed that they will look in to this matter at the earliest. TSECL informed that they have not done the DR standardization. The forum requested NERLDC to provide list of all lines where standardization of DR Channel is required. All members are requested to provide update of Standardization of channel to NERLDC at the earliest.

Deliberation of the sub-Committee:

AM, AEGCL informed the forum that they have implemented the standardization of DR channel in all substation wherever possible. But in some sub-stations, it is not possible to modify the DR channels in old numerical relays. It will be done once new panels are installed.

NERLDC requested all power utilities to provide details of substation where standardization of DR channels is already completed and where ever it is not possible because of old relays by 31st July, 2017.

AGM, NTPC informed the forum that they have standardized DR channels and will send a confirmation to NERLDC.

The Sub-committee noted as above.

Action: AEGCL, NTPC

9. Implementation of SPAR

During Sub Group Committee Meeting of PCC held on 24th Oct'16, NERLDC indicated that SPAR (Single Phase Auto Reclosure) is not available in 132 kV AGTPP – Agartala D/C lines, which was resulting in multiple tripping of these lines on transient fault. NERTS was requested for changing of Auto-reclosure scheme to SPAR.

It was also decided that utilities should identify those transmission lines which have no SPAR scheme for implementation of the same. Implementation of SPAR is considered necessary in view of reliability of the power system.

In 45th PCCM, Forum requested all constituents to furnish status report of SPAR implementation to NERPC.

In 46th PCCM, Forum requested subgroup to circulate list of important lines to get the latest information regarding implementation of 1-phase/3-phase Auto-Reclosure scheme. All members to furnish the required information to NERLDC & NERPC by 30th April'17.

Deliberation of the sub-Committee:

The committee requested all constituent to furnish the status report of SPAR implementation to NERPC and NERLDC latest by 31st July, 2017.

The Sub-committee noted as above.

Action: All Constituents.

10. Installation of Polymer Insulator and Transmission Line Surge Arrestor in Lightning Prone Areas

It was noted that most of tripping of transmission lines in NER Grid occur either on account of lightning strikes or due to vegetation infringement problem. It was decided that all utilities will identify the lightning prone areas and conduct checking of high tower footing resistance in transmission lines in these areas.

Since tripping of line on lightning occurs due to arcing, to prevent that it is required to either maintain low value of tower footing resistance or install of

lightning arrester for the particular towers having consistent high tower footing resistance due to prevailing ground conditions.

In 45th PCCM, the forum requested all the constituents to complete the process of identification of lightning prone line sections, and initiate action in this regard.

Forum requested members to identify lightning prone areas and measure tower footing resistance in these locations. AEGCL & MePTCL informed that they don't have proper earth resistance measuring tool at present and they are planning to procure the same at the earliest.

POWERGRID informed that additional shield wire earthing and counterpoise earthing are not helping much to arrest lightning. Better way is to install TLISA as chemical earthing cost (around RS. 80,000) is double the cost of installation of TLISA (around RS. 40,0000).

In 46th PCC Meeting, forum requested members to identify lightning prone areas and measure tower footing resistance in these locations. AEGCL & MePTCL informed that they don't have proper earth resistance measuring tool at present and they are planning to procure the same at the earliest. POWERGRID had informed that additional shield wire earthing and counterpoise earthing are not helping much to arrest lightning. Better way is to install TLISA as chemical earthing cost (around RS. 80,000) is double the cost of installation of TLISA (around RS. 40,0000).

During Subgroup Meeting held on 17th July, 2017, DGM(NERLDC) suggested MePTCL and NETC to identify the lightning prone areas of all the lines of MePTCL and NETC respectively and install polymer insulators and line arrestors to those lightning prone areas.

Deliberation of the sub-Committee:

After detailed deliberation DGM, NERTS suggested to the forum that installation of polymer insulator in existing line has huge cost implication and is not feasible. Also it is required in area where pollution level is very high. He recommended that it may be implemented for new lines.

He also suggested that for installation of lightning arrester following steps may be followed.

1. It is to identify the lightning prone lines and lightning prone areas by using one year tripping data which may collected from respective SLDCs.

2. Once the lines and areas are identified, the tower footing resistance of all the towers in that area needs to be measured.
3. Once the tower footing resistance value is available, the number of lightning arrestor required and hence cost can be estimated. The constituent may then approach for PSDF.

The Sub-committee noted as above.

Action: All Constituents.

11. Mock Testing of SPS related to Palatana

During Sub Group Committee Meeting of PCC held on 17th July'17, members addressed the importance of mock testing of SPS related to Palatana at the earliest to avoid the disturbance in Southern part of NER Grid.

POWERGRID informed that there is time stamping issue of DT signal at Silchar. POWERGRID informed that the matter will be resolved in few days. **POWERGRID and Palatana agreed to do mock test of all SPS related to Palatana on 24th July, 2017 subject to good weather condition.** DGM, NERLDC further stated that time of both ends is to be synchronized with GPS before doing mock testing of SPS related to Palatana.

Deliberation of the sub-Committee:

Sr. Executive, OTPC informed the forum that the Mock SPS Test planned on 24th July, 2017 was differed due to bad weather condition. It will be conducted as soon as the weather improves. The information for the said test will be intimated 24 Hr in advance. Forum requested POWERGRID and OTPC to submit a detailed mock test report immediately after mock test to NERPC & NERLDC.

The Sub-committee noted as above.

Action: OTPC & PGCIL.

12. Desynchronization of AGTCCPP Machines due to Under Voltage issue

During Sub Group Committee Meeting of PCC held on 17th July'17, NEEPCO informed the Subgroup that it is difficult to run their machines under under-voltage condition.

Subgroup decided that system study has to be done by TSECL to identify the nodes where under-voltage issue exists and plan for the installation of Capacitor Banks for improvement of voltage profile.

Deliberation of the sub-Committee:

Tripura representative were absent. The issue could not be discussed. It was referred to next OCC meeting.

The Sub-committee noted as above.

Action: TSECL.

13. Low Frequency Oscillations (LFOs) at 132 kV Agartala

In subgroup meeting held on 9th March 2017, NERLDC showed the PMU plots of several instances of oscillations observed at 132 kV Agartala PMU and raised concern on proper tuning of Automatic Voltage Regulator (AVR) of AGTPP units considering the oscillation in voltage and many of the cases involved switching of AGTPP units. He also requested NEEPCO to take this matter seriously as these localized oscillations can spread to other generating stations connected to grid.

Sr. Manager, NEEPCO informed that there was a change in control systems of AGTTP Units 3 & 4. OEM has informed them that oscillation may be due to change in control system as oscillations were observed only in these units. He also informed that control systems of AGTPP Units 1 & 2 will be replaced soon with new ones. If those machines also experience oscillation problem, OEM will install additional equipment to damp the oscillation.

DGM (SO-II), NERLDC asked NEEPCO to check and inform forum whether PSS is enabled and functioning properly. He also requested NEEPCO to carry out AVR tuning and take necessary actions to damp out oscillations at the earliest as these oscillations can lead to wide spread oscillations in grid.

In 46th PCCM, it was discussed that Sr. Manager, NEEPCO informed that the oscillation started after changing the control panel of units 1 and 2. NEEPCO also informed that matter is already reported to OEM and OEM is yet to provide any solution. The forum requested NEEPCO to pursue the matter very seriously with the OEM as low frequency oscillation endangers the stability of grid and come up with solution at the earliest.

Deliberation of the sub-Committee:

After detailed deliberation, the forum requested NEEPCO to take urgent steps to damp the oscillation as it is endangering the grid security. NERLDC requested

NEEPCO to take up this matter with OEM at the earliest.

The Sub-committee noted as above.

Action: NEEPCO.

14. Analysis & Discussion on Events, Grid Incidences, Grid Disturbances which occurred in NER Grid w.e.f 1st January - 30th June 2017.

The following numbers of Grid Disturbances (GD) & Grid Incidents (GI) occurred during the period w.e.f 1st March to 30th June 2017 and 1st January to 30th June 2017 :-

| Sl. No. | Control Area | Grid Incidents in nos. | Grid Disturbance in nos. | Grid Incidents in nos. | Grid Disturbance in nos. |
|---------|-------------------|------------------------|--------------------------|------------------------|--------------------------|
| | | Mar'17 to June'17 | Mar'17 to June'17 | Jan'17 to June'17 | Jan'17 to June'17 |
| 1 | Palatana | 8 | 4 | 19 | 4 |
| 2 | AGBPP | 3 | 0 | 6 | 0 |
| 3 | AGTPP | 13 | 10 | 18 | 10 |
| 4 | Ranganadi | 0 | 0 | 0 | 0 |
| 5 | Kopili | 0 | 0 | 2 | 0 |
| 6 | Khandong | 7 | 0 | 7 | 0 |
| 7 | Doyang | 0 | 4 | 0 | 4 |
| 8 | Loktak | 1 | 5 | 1 | 5 |
| 9 | BgTPP | 2 | 0 | 7 | 0 |
| 10 | Arunachal Pradesh | 0 | 12 | 0 | 17 |
| 11 | Assam | 0 | 19 | 0 | 20 |
| 12 | Manipur | 0 | 20 | 0 | 22 |
| 13 | Meghalaya | 0 | 27 | 0 | 27 |
| 14 | Mizoram | 0 | 14 | 0 | 14 |
| 15 | Nagaland | 0 | 22 | 0 | 22 |
| 16 | Tripura | 0 | 22 | 0 | 22 |

| Sl. No. | Category of GD/GI | Grid Disturbance in nos. | |
|---------|-------------------|--------------------------|-------------------|
| | | March'17 to June '17 | Jan'17 to June'17 |
| 1 | GI-I | 21 | 26 |
| 2 | GI-II | 13 | 34 |
| 3 | GD 1 | 131 | 152 |

| | | | |
|---|----------|-----|-----|
| 4 | GD 2 | 4 | 4 |
| 5 | GD 3 | 1 | 1 |
| 6 | GD 4 | 1 | 1 |
| 7 | GD 5 | 0 | 0 |
| 8 | Total GI | 34 | 60 |
| 9 | Total GD | 137 | 158 |

This is for information to the members.

The root cause analysis and remedial measures to prevent the Grid Events were discussed during meetings of Sub-group of PCC held on 18th April'17 & 17th July, 2017. Tripping of few elements could not be concluded due to non-submission of DR output (For example: tripping related to 220/132 kV BTPS Substation, 220/132 kV Samaguri Substation , etc.)

Tripping for the period March, 2017 to June 2017 are categorized as listed below.

Utilities may please take suggested remedial measures accordingly within stipulated time.

- i. Tripping due to Vegetation
- ii. Tripping due to Lightning
- iii. Tripping due to improper relay coordination
- iv. Tripping due to mis-operation.
- v. Tripping due to Equipment Failure.

The report of the GD, GI and Element Tripping along with root cause, remedial measures and action to be taken is attached at **Annexure-II**.

14.1 The following key points were noted during the Subgroup meeting held on 18th Apr17, 5th May07 and 17th Jul17 and may be discussed among the Members:

Key points discussed in subgroup meeting held on 18th April 2017

- a) While analysing the tripping of **400 kV Palatana I & II lines on 20.03.17 at 13:54 Hrs**, it has been observed that a transient B-Ph to earth fault occurred in 400 kV Palatana – Silchar II line during stringing of OPGW. DPR opened the B-Ph at both ends and auto reclosed at Silchar after dead time, but auto-reclose

at Palatana did not operate. Current in B-Phase at Silchar remained low (only charging current and reactor current at both ends).

This resulted in flowing of load current only in R & Y phase of 400 kV Palatana – Silchar II from Palatana, while the current in B-Phase of 400 kV Palatana – Silchar I much higher causing a neutral current in 400 kV Palatana – Silchar I at Palatana. B phase of 400 kV Palatana – Silchar I tripped on earth fault at Palatana after 1.6 Sec sending Direct Trip signal to Silchar. Later on, the 400 kV Palatana – Silchar II tripped at both ends on PD.

- b) Palatana, OTPC informed that as per scheme enable at Palatana for Auto-reclose function is single phase fault with one high speed reclosing shot. OTPC informed that Auto-reclose function blocking due to Line 2 main breaker auxiliary contact BG1-C malfunctioning resulted in activation of Pole discrepancy Protection. Accordingly during Line 2 shutdown OTPC has carried out dummy functional test of Line 2 Auto reclose, but found that A/R response was fine. OTPC also informed that they have replaced the BG1-C contacts.
- c) TSECL informed that the status of improvement of protection systems at Agartala, Rokhia & Udaipur substations of Tripura will be informed to the forum within 1 week.
- d) Palatana, OTPC informed that the PD settings for the 400 kV Palatana- Silchar I & II lines are as follows:

| Name of element | Breaker | Trip circuit 1 | Trip circuit 2 |
|-----------------------------|--------------|----------------|----------------|
| 400 kV Palatana- Silchar I | Main Breaker | 1.5 sec | 1.5 sec |
| | Tie Breaker | 2.5 sec | 2.5 sec |
| 400 kV Palatana- Silchar II | Main Breaker | 1 sec | 1.5 sec |
| | Tie Breaker | 2.5 sec | 2.5 sec |

OTPC suggested that PD Timing of Line-2 Tripping circuit-1 to be increased from 1second to 1.5 seconds. Similarly PD settings of both tripping circuits of both Tie breaker to be decreased from 2.5 seconds to 1.5 seconds.

Relay settings for 400 kV Palatana- Silchar I & II lines to be reviewed jointly by Palatana and NERTS.

- e) The forum requested OTPC to implement the SPS-2 at the earliest. OTPC informed the forum that the same can be implemented once NERTS, POWERGRID provide a DT signal from Silchar end. The forum requested NERTS, POWERGRID to look into the matter at the earliest and provide necessary support to implement SPS-2 as per designed.
- f) Palatana has informed that they have checked relay configuration in line with DR standardization documents provided by NERLDC vide e-mail dated 17.07.2015 and found that none of the digital channels description is available as digital inputs for 'Disturbance Recorder' menu in their line protection relays of Micom P442/437 model. OTPC is only able to change the Analog channel. Description of Analog channels is different as they have phase nomenclature A, B, C instead of R, Y, B in this channel. Forum requested OTPC to look into the matter. The forum requested OTPC that DR should have a minimum of 5 sec of total recording time, minimum prefault recording time of 100 msec and minimum post-fault recording time of 1000 msec and this information is to be recorded in single file.
- g) AGTPP, NEEPCO informed that cable for DR downloading will be supplied by ALSTOM by May'17.
- h) NERLDC requested all the utilities to inform root cause of the events along with suggested remedial measures while furnishing FIR of any events in the grid.
- i) The forum suggested all the utilities to do patrolling of lines in case of repeated tripping. Patrolling report to be submitted to NERPC with a copy to NERLDC.
- j) NERLDC informed the forum that outage report of +/- 800 kV HVDC, Biswanath Chariali- Agra is not being received by NERLDC since November'17. The matter has also been discussed with NERLDC and NLDC. NERLDC requested NERTS to look into the matter. NERTS assured that the same will be supplied by CRTAMC of NER henceforth.
- k) During analysis of events, it has been observed that there is no Numerical Relay at Doyang HEP, NEEPCO. NEEPCO informed the forum that due to remote location no vendor are ready to deliver the same. The forum suggested NEEPCO to take help from NERTS and install numerical relays at Doyang HEP at the earliest.

- l) Palatana, OTPC raised the issue System Study Meeting is not being held for so many months and requested to arrange System Study Meeting at the earliest for discussion of implementation of SPS related to reliable power supply to Tripura & Bangladesh & operation of Palatana machines.

14.2 Key Points discussed in subgroup meeting on 5th May, 2017

1. Grid Disturbance of Tripura System on 25.04.17 at 13:05 hrs.

At 13:05 hrs on 25.04.17, 400 kV Silchar-Palatana II line got tripped (Silchar :Distance Protection, Y-E,Z1, 187.5 km; and Palatana-Distance Protection, Y-E, Z1, 57.55 km). 400 kV Silchar-Palatana line I was under Shutdown as per 131st OCC Meeting.

Units of Palatana, AGTPP, Rokhia and Monarchak tripped subsequently along with following lines:

1. 132 kV AGTPP-Agartala I & II
2. 132 kV AGTPP-Kumarghat
3. 132 kV Palatana-Udaipur
4. 132 kV Palatana-SM Nagar:
5. 132 kV Agartala-Dhalabil line
6. 132 kV Ambassa-Teliamura(Gamaitilla)

Due to operation of SPS-I at Palatana, 132 kV Silchar-Srikona D/C. 132 kV Silchar-Panchgram lines and 132 kV Badarpur-Panchgram line got tripped. Due to blackout at 132 kV Surajmaninagar Substation, 132 kV Comilla-SM Nagar Line I & II was hand tripped.

Due to the tripping of above lines, total load loss was 283 MW (Tripura- 103 MW, South Assam-61 MW and Bangladesh 119 MW) and Generation Loss was 680 MW (Palatana-556 MW, AGTPP- 62 MW, Monarchak-60 MW & Rokhia -26 MW) respectively.

P.K Bari, Gournagar(Kailashar), Kamalpur and Ambassa Substations survived during the grid disturbance.

Deliberation in the meeting

Southern Part of NER Grid was connected to rest of NER Grid through 400 kV Silchar – Palatana Line I, 132 kV AGTPP - Kumarghat line & 132 kV Agartala -

Dhalabil lines (400 kV Silchar – Palatana Line I was under planned shutdown for GIS Construction work of 09 nos. of pile foundation in the Switchyard at Srikona S/S from 08:33 Hrs dated 25.04.17 and 132 kV Jirania - Baramura line was under shutdown on 25.04.17 due to conductor snap (low capacity) & 132 kV Agartala - Dhalabil line (low capacity) overloaded & tripped subsequently on over current. As a result, Southern Part of NER Grid separated from rest of NER Grid. Palatana, AGTCCPP, Rokhia and Monarchak Generating units also tripped. Due to tripping of these elements, Southern part of NER grid subsequently collapsed due to load- generation mismatch.

NERLDC informed the forum that from the Disturbance recorder outputs from Main- 1 and Main – 2 of DPR of Silchar of 400 kV Silchar – Palatana II line indicate that this line tripped on DPR, Zone-1, Y-E from Silchar end, **auto-reclose was attempted but the line tripped due to persistent fault in Y-B-E phase**. Main – 1 of DPR of Palatana end indicates that the line tripped on DPR, Zone-1, Y-E , auto-reclose was attempted but the line tripped due to persistent fault in Y-B-E phase. DR of Main II from Palatana end has not been received.

DGM, NERTS informed the forum that the tripping of 400 kV Silchar – Palatana Line II is attributed to falling of a tree at location 172 and 173 (i.e. Teliamura forest area). Forum requested POWERGRID to **share the photographs of the affected part** as found in patrolling with NERLDC & NERPC. The ROW clearance is less in the forest area. Patrolling has been done by NERTS and some more probable areas that may encroach the ROW have been identified. **NERTS has decided to discuss this matter with Forest Department.**

Forum requested all constituents take prior permission from NERLDC for doing live line works as this involves auto-recloser function of DPR in non-auto mode.

Tripping of 400 kV Silchar - Palatana 2 line with 400 kV Silchar - Palatana 1 line under shutdown satisfied the conditions required for operation of SPS-2, which is designed to reduce the generation of Palatana to 20 MW i.e house load of Palatana. But SPS-2 associated with Palatana Generation failed to operate resulted in collapse of islanded systems i.e Tripura system with Bangladesh (South Comilla) along with Palatana & AGCCTPP systems. NERLDC presented

PMU plots of the frequency rise in islanded system. **It was decided by the forum to conduct mock testing of SPS periodically for checking healthiness of the SPSs owing to non-operation of SPS-II.**

It was also decided that **relay settings of Palatana, AGTCCPP, Silchar, and critical substations in Tripura system** will be reviewed.

Also, forum requested TSECL to submit the details regarding UFR operation related to this event to NERLDC & NERPC at the earliest.

POWERGRID, NETC, TSECL & OTPC may please intimate the status

2. Grid Disturbance of Tripura System on 26.04.17 at 12:51 hrs.

At 12:51 hrs on 26.04.17, 400 kV Silchar-Palatana II line got tripped(Silchar: DT Received, and Palatana-details awaited). 400 kV Silchar-Palatana line I was under Shutdown as per 131st OCC Meeting. Units of AGTPP, Rokhia and Monarchak tripped subsequently along with following lines -

1. 132 kV AGTPP-Agartala I & II
2. 132kV AGTPP-Kumarghat
3. 132 kV Palatana-Udaipur
4. 132 kV Palatana-SM Nagar
5. 132 kV Dhalabil-Agartala

132 kV Baramura-Jirania was under S/D.

Due to blackout at Surajmaninagar, 132 kV Comilla-SM Nagar I & II was hand tripped.

Due to the tripping of above lines, total load loss was 151 MW(Tripura- 45 MW and Bangladesh-106 MW)

Generation Loss was 172 MW(AGTPP- 48 MW, Monarchak-69 MW & Rokhia - 55MW) respectively.

P.K Bari, Gournagar(Kailashar), Kamalpur, Dhalabil, Ambass, Teliamura and Baramura Substations survived during the grid disturbance.

Issues to be discussed

- i) Root cause & remedial measure for repeated tripping of 400 kV Palatana-Silchar Line-2 on 20.03.2017, 19.04.2017 , 25.04.2017 & 26.04.2017

- ii) Time line required for facilitate DT command extended upto Palatana for modification of SPS-2.
- iii) Coordination of Relay Settings of 400 kV Palatana-Silchar Line-1 & 2.
- iv) Pole Discrepancy time settings required at both Silchar and Palatana including Tie Breaker.

Deliberation in the meeting:

Southern Part of NER Grid was connected to rest of NER Grid through 400 kV Silchar – Palatana Line I, 132 kV AGTPP - Kumarghat line & 132 kV Agartala - Dhalabil lines. 400 kV Silchar – Palatana Line I was under planned shutdown for GIS Construction work of 09 nos. of pile foundation in the Swichyard at Srikona S/S from 08:33 Hrs dated 25.04.17 and 132 kV Jirania - Baramura line was under shutdown on 26.04.17 due to conductor snap.

The incident started with tripping of 400 kV Silchar – Palatana Line II at 12:51 Hrs dated 26.04.17.

132 kV AGTCCPP - Kumarghat line (low capacity) & 132 kV Agartala - Dhalabil line (low capacity) overloaded & tripped subsequently on over current.

As a result, Southern Part of NER Grid separated from rest of NER Grid.

Palatana, AGTCCPP, Rokhia and Monarchak Generating units also tripped.

Due to tripping of these elements, Southern Part of NER Grid subsequently collapsed due to load-generation mismatch.

DGM, NERLDC informed the forum that from DR, it appears to be a high impedance fault. He informed that the exact nature of fault could not be determined from the DR. He requested **NERTS to carry out intensive patrolling for tracing of evidence of faults.**

Engineer, NERTS informed the forum that Silchar end of the line received DT from Palatana end. To identify the nature of tripping at Palatana end, it was requested to **Palatana to submit the list of settings for which DT is sent to Silchar end.** As per PMU plots it was found that fault was cleared by tripping of 132 kV lines from Agartala on O/C.

Chief Manager, NLDC requested both NERTS and OTPC representative to provide relay setting in excel sheet. It was also decided that **relay settings of Palatana, Azara, AGTCCPP, Silchar, Byrnihat and critical substations in Tripura**

system will be reviewed.

Forum requested all constituents take prior permission from NERLDC for doing live line works as this involves auto-recloser function of DPR in non-auto mode.

The forum also stressed the need for periodical testing of SPS so that it operates as per design during emergency condition. Manager OTPC informed that they have the pole discrepancy time as Main= 1.5s and Tie =1.5s and also informed that Auto-Reclose feature is not activated in Tie Bay of Generator.

NERTS suggested OTPC to check whether priority scheme is activated for Auto-recloser at Palatana end. If priority scheme is activated, then Pole Discrepancy time shall be as Main=1.5s & Tie=2.5s else Main=1.5s & Tie=1.5s

Also, forum requested TSECL to submit the details regarding UFR operation related to this event to NERLDC & NERPC at the earliest.

POWERGRID, NETC, TSECL & OTPC may please intimate the stat

3. Frequent tripping of 132 kV Agartala AGTPP line:

132 kV Agartala AGTCCPP line has tripped frequently during April'17 due to earth fault at AGTPP end. Earth fault settings of both end is to be checked.

Deliberation in the meeting

NERLDC informed the forum that 132 kV Agartala - AGTCCPP line is a very short line which is frequently tripping due to Earth fault. It is a double circuit line and both lines are tripping simultaneously. Sr. Engineer, NLDC informed the forum that due to short nature of the line, it is tripping due to zone overreaching. To resolve the issue, it is either to go for differential protection or implement permissive scheme suitable for short lines with proper zone coordination. As discussed in 45th PCC Meeting, it was decided to use differential protection in 132 kV line under 05 km of line length. 132 kV Agartala- AGTPP is 8.4 km; hence it was not recommended to use differential protection in the circuit. But because of frequent tripping of the circuit, the forum decided that the matter might be discussed in the next PCC Meeting and the feasibility of installing differential protection in the circuit may be looked into.

Engineer, NERTS informed the forum that no tripping took place at Agartala

end and tripping was always at AGTCCPP end due to earth fault. He suggested that the fault was in the downstream in Tripura system. The forum requested TSECL to check thoroughly for any tripping in downstream distribution network at the time of tripping of 132 kV AGTCCP-Agartala D/C lines.

It was also decided by the forum that relay settings of Agartala, AGTCCPP and downstream substations of Agartala will be reviewed.

TSECL, NEEPCO & POWERGRID may please intimate the status

4. Under-Voltage issue at Tripura system to be discussed.

Deliberation in the meeting

DGM, NERLDC informed the forum that the Tripura system is facing under voltage during peak hours due to over drawal by Tripura. To reduce the under-voltage issue, Sr. Engineer, NLDC suggested the generating stations to change the Tap setting of the transformer and also to switch off line reactor at such time.

TSECL, NEEPCO & OTPC may please intimate the status

5. Grid Disturbance on 28th April'17.

Southern Part of NER comprising of Tripura, Mizoram, Manipur, South Assam, Palatana, AGTPP, Loktak & Bangladesh (South Comilla load) systems was connected with rest of NER Grid through 400 kV Silchar - Byrnihat line, 132 kV Haflong - Jiribam line, 132 kV Badarpur - Khliehriat line & 132 kV Dimapur - Imphal line (400 kV Silchar - Azara line tripped at 18:42 Hrs on 28.04.17. NERLDC requested RTAMC to restore this line vide Code 817).

At 19:10 Hrs on 28th April'17, 400 kV Silchar - Byrnihat line tripped. This led to overloading of 132 kV Haflong - Jiribam line, 132 kV Badarpur - Khliehriat line & 132 kV Dimapur - Imphal line and subsequently tripped on over current. Due to tripping of these lines, Southern Part of NER was separated from rest of NER grid and subsequently collapsed due to load generation mismatch.

Antecedent NER Demand Met: 1922 MW

Antecedent NER Generation: 1722 MW

Total Load Loss: 843 MW (Tripura-211, Bangladesh-154, Manipur-136, Mizoram-45, South Assam-81, Meghalaya-216)

Generation Loss: 990 MW (Palatana-515, AGTPP-78, Loktak-105, Monarchak-72, Rokhia-55, Baramura-20, LHEP-126, Umiam Stg II-7, Umiam Stg I-12)

CEA Category: GD-IV

Restoration was started with closing 400 kV Silchar – Azara Line at 19:17 Hrs. Power was extended to Manipur power system through 132 kV Imphal (PG) – Imphal at 19:34 Hrs. Power was extended to Mizoram power system through 132 kV Kumarghat (PG) – Aizwal at 19:49 Hrs. Power extended to South Assam power system through 132 kV Silchar - Srikona 1 line at 19:42 Hrs. Power extended to Tripura power system at 19:46 Hrs through 132 kV AGTPP - Agartala line. Power extended to Bangladesh (South Comilla) area at 20:03 Hrs through 132 kV Surajmaninagar - South Comilla 1 line.

Observations/Items to be discussed:

Reason for Misa substation blackout

Whether 220 kV lines at Misa were uniformly segregated

Reason for tripping of +/- 800 kV Biswanath Charali - Agra HVDC

Details regarding operation of related SPS

Operation of UFR

Root Cause

Deliberation in the meeting

Southern Part of NER Grid comprising of power systems of Tripura, South Assam, Manipur, Mizoram, Bangladesh (South Comilla) & Myanmar (Tamu) was connected with rest of NER Grid through 400 kV Silchar - Azara line, 400 kV Bongaigaon - Byrnihat line, 132 kV Badarpur – Khliehriat line, 132 kV Haflong – Jiribam line & 132 kV Dimapur – Imphal line (132 kV Karong-Kohima line & 132 kV Lumshnong-Panchgram line kept open for system requirement).

Part of Meghalaya power system (downstream of Byrnihat) was connected with rest of NER Grid through 400 kV Bongaigaon – Byrnihat line, 400 kV Silchar – Byrnihat line 220 kV Misa – Byrnihat I & II lines and 132 kV Khliehriat – NEIGRIHMS line, 132 kV Mustem - NEHU line (132 kV Nangalbibra-Nongstoin line and 132 kV Lumshnong-Panchgram line kept open for system requirement)

400 kV Silchar - Azara line (112 MW) tripped at 18:42 Hrs on 28.04.17. NERLDC requested RTAMC to restore this line vide Code 817 at 19:03 Hrs of 28.04.17 but the line was not restored due to delay in resetting the relay at

Azara end as reported by SLDC, Assam to RTAMC, Shillong.

400 kV Bongaigaon - Byrnihat line (-100 MW) tripped at 18:58 Hrs on 28.04.17.

At 19:11 Hrs, 400 kV Silchar – Byrnihat (High Capacity) tripped and subsequently, 132 kV Badarpur – Khlierihat (low capacity), 132 kV Dimapur – Imphal (low capacity), & 132 kV Jiribam- Halflong (low capacity) tripped on O/C due to cascading effect.

As a result, Southern Part of NER Grid separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.

220 kV Misa - Byrnihat I (- 28 MW) & II (- 28 MW) tripped at 19:11 Hrs on 28.04.17. As informed by SLDC, MePTCL, at the same time, 132 kV Khliehriat – NEIGRIHMS line & 132 kV Mustem - NEHU line tripped. Due to tripping of these elements, Part of Meghalaya power system (downstream of Byrnihat) was separated from NER Grid and subsequently collapsed due to load generation mismatch.

NERLDC informed the forum that DR of Azara is showing SOTF (Switch on to Fault)/TOR (Trip on Reclose) and Silchar received DT from Azara.Zone-3 initiated at both ends and this needs to be analyzed by both POWERGRID & AEGCL. Similarly for tripping of 400 kV Silchar–Byrnihat line, Byrnihat showed Z1 fault and DT received at Silchar end after 289 milliseconds. **The Forum suggested that settings of relays at Byrnihat needs to be checked and receipt of DT at Silchar end needs to be analyzed by POWERGRID & MePTCL.**

Also the relay setting of Byrnihat needs to be thoroughly checked for the reason for DEF operation as it should not have operated. It was also decided that relay settings of Palatana, Azara, Byrnihat, Silchar and critical substations in Tripura power system will be reviewed.

It was informed by Manager, NERTS that REL670 relay at Misa did not reset the LBB timer after fault clearing in 400 kV Misa-Byrnihat Line I and resulted in opening of all the feeders connected to the Bus II due to LBB operation. **Reason for LBB operation at Misa substation was not clear and forum requested POWERGRID to analyze the event and detailed report is to be submitted to NERPC & NERLDC.** Also, the forum suggested that relay REL670 has to be checked thoroughly to avoid such mal-operation.

Chief Manager, NLDC requested NERTS and OTPC to provide snap shot of SCADA to analyze whether DT was received for SPS-3 operation. He also suggested for dummy checking of SPS. It was also decided to conduct mock testing of SPS periodically for healthiness of the SPSs.

Also, forum requested all the constituents to submit the details regarding UFR operation related to this event to NERLDC & NERPC at the earliest.

It is observed that separate electromechanical relays are still been used for over current/Earth Fault Protection even though Numerical relays are installed for the protection of that line. Due to this, disturbance recorder outputs have not been generated for tripping of these lines in over current. Also, as per discussions in 43rd PCCM, DR channels are to be standardized in all ISTS lines and intra-state lines with numerical relays. It is been observed that, DR channels are not properly configured yet for some of the lines.

14.3 Key points discussed in subgroup meeting held on 17th July 2017

- a) SF6 Low alarm (2nd stage) of 400 kV Silchar – Byrnihat line at Byrnihat end sends DT signal during single pole tripping mainly in R and B phases. As informed by POWERGRID, the gas pressure of all the breakers are within limits but the situation arises only during the case of tripping. Subgroup requested MePTCL to resolve the matter at the earliest as two major disturbances on 28th April17 and 8th June17 occurred due to tripping of 400 kV Silchar -Byrnihat S/C and 400 kV Silchar -Azara S/C on account of lightning.
- b) 400 kV Silchar – Palatana line II tripped on **16th May 2017 at 08:27 Hrs** due to physical contact of foreign object with the conductor during OPGW work. Fault was in the line reactor differential protection zone and differential protection of line reactor operated at Silchar and cleared the fault instantaneously. However, Palatana end Distance relay over-reached and had seen the fault in Zone-1 tripping the B-phase line instantaneously at Palatana end due improper ground compensation factor at Palatana end. As informed by Palatana, the settings has been changed and the problem is resolved. Subgroup requested Palatana to inform the revised settings at the earliest.
- c) DGM, NERLDC requested the constituents that prior to changing of protection settings, approval from NERPC is to be taken.

- d) As informed by AEGCL representative, BCU at Azara Substation restarts after every tripping. Due to this, Auto – reclose fails and the line trips. The matter is to be taken up with ABB and resolved at the earliest.
- e) DGM, NERLDC requested to the Subgroup that root cause analysis of the events should be done based on the weekly events report sent by NERLDC on weekly basis for identifying the root cause and take the remedial measures immediately and the report is to be sent to NERPC and NERLDC on weekly basis.
- f) Subgroup members requested NERLDC to arrange Protection Subgroup Meeting on monthly basis.
- g) DGM, NERLDC suggested MePTCL to identify the lightning prone areas of all the lines of MePTCL and install polymer insulators and line arrestors to those lightning prone areas.
- h) DGM, NERLDC suggested NETC to identify the lightning prone areas of all the lines of NETC and install polymer insulators and line arrestors to those lightning prone areas.
- i) DGM, NERLDC requested to all constituents to submit DR and EL output within 24 hours of tripping for root cause analysis and for taking remedial measures immediately and to submit the list of Event Logger installed.
- j) POWERGRID informed the Subgroup that there is simultaneous tripping of 132 kV Dimapur – Doyang I and II line and 132 kV Doyang – Mokokchung line at many occasions. Subgroup requested POWERGRID and Doyang to check the settings and analyse the root cause.
- k) POWERGRID informed the Subgroup that TLSA is installed in selected location of 132 kV Khandong – Khleihriat I feeder. POWERGRID informed that lightning related tripping has reduced due to installation of TLSA in this line. POWERGRID is planning to install TLSA in entire line.
- l) Subgroup requested that installation of DR, EL output Software by Substation Owner is to be done at the earliest. The procedure for downloading the file is also to be shown to the operator of the station.

DR/ EL output after each tripping has to be furnished by the owner of the station even if he is not the owner of the protection system.

- m) It has been recorded that 132 kV AGTCCPP – Agartala I and II lines and 132 kV AGTCCPP – Kumarghat line has tripped frequently. It has been analysed that these lines tripped for fault beyond its jurisdiction. Subgroup requested AGTCCPP to submit the relay settings of all the elements connected to AGTCCPP and TSECL to submit the relay settings of all the elements of 132 kV Substations owned by TSECL to NERPC and NERLDC.
- n) AEGCL informed the Subgroup that 220 kV Balipara – Sonabil line tripped on 01.04.2017 at 08:25 Hrs due to fault in 220 kV Samaguri – Sonabil line which was idle charged from Sonabil end. Subgroup requested POWERGRID to check the relay settings at Balipara end of this line.

Deliberation of the sub-Committee (Item No 14.1 to 14.3):

Forum agreed to implement the suggestions given by subgroup and forum requested all utilities to take remedial measures suggested by subgroup at the earliest. Forum requested AGTCCPP to disable earth fault function in DPR of 132 kV AGTCCPP - Agartala D/C. Implementation status of recommendations by subgroup will be monitored in next PCC meetings. Presentation given by NERLDC on Events, Grid Incidences, Grid Disturbances which occurred in NER Grid w.e.f 1st January - 30th June 2017 is attached as **Annexure III**.

14.4 Disturbance in AGBPP on 9th April 2017

On the 9th April 2017 at 03:20 PM there was a fault just near to the Substation at **Kathalguri in the 220 kV Kathalguri - Deomali feeder, but the circuit breaker at Kathalguri end did not trip** which eventually led to the tripping of circuit breaker at Mariani end in the 220 kV Kathalguri - Mariani line. Just 2 to 3 minutes earlier to the above fault, there was vegetation fault in the 220 kV Tinsukia - Kathalguri line which led to the tripping of both the circuit breakers at both ends.

Deliberation of the sub-Committee:

POWERGRID informed forum that Circuit Breaker problem in 220 kV AGBPP – Deomali line at AGBPP is already rectified. DoP Arunachal Pradesh may inform NERPC the status of healthiness of circuit breaker at AGBPP at the earliest.

The Sub-committee noted as above.

Action:

Any other item:

Date and Venue of next PCC

It is proposed to hold the 48th PCC meeting of NERPC on second week of September, 2017. The exact venue will be intimated in due course.

List of Participants in the 47th PCC Meetings held on 24/07/2017

| SN | Name & Designation | Organization | Contact No. |
|-----------|-------------------------------------|---------------------|--------------------|
| 1. | Sh. Abhishek Kalita, AM(Protection) | Assam | 09864150106 |
| 2. | Sh. Chandan Sharma, DGM (MRTC) | Assam | 09864150106 |
| 3. | Sh. Bikram Bordoloi, DM | Assam | 09435558545 |
| 4. | Sh. A. G. Thum, AEE, MePTCL | Meghalaya | 09774664034 |
| 5. | Sh. B. Nikhla, EE, MePTCL | Meghalaya | 09436314163 |
| 6. | Sh. Tonghang, JE | Nagaland | 08014058082 |
| 7. | Sh. Rokobeito Iralu, SDO(Trans) | Nagaland | 09436832020 |
| 8. | Sh. Amaresh Mallick, DGM(SO-II) | NERLDC | 09436302220 |
| 9. | Sh. Jerin Jacob, Engineer | NERLDC | 09402120113 |
| 10. | Sh. Chitra Bahadur Thapa, Engineer | NERLDC | 08135989964 |
| 11. | Sh. Krishna Kant Rai, Dy. Manager | NEEPCO | 09436581230 |
| 12. | Sh. Joypal Roy, Sr. Mngr (E/M) | NEEPCO | 09435577726 |
| 13. | Sh. Ashim Kr. Sarmah, DM (E/M) | NEEPCO | 09435078860 |
| 14. | Sh.Lokalitn, Mngr. (E/M) | NEEPCO | 08974387503 |
| 15. | Sh. P. Kanungo, DGM | PGCIL | 09436302823 |
| 16. | Sh. Alokesh Hazarika, Sr. Executive | OTPC | 07085060480 |
| 17. | Sh. Mohammad Arif, Manager(E) | NHPC | 09402610751 |
| 18. | Sh. B. Sahu, AGM(EM) | NTPC | 09437043610 |
| 19. | Sh. P.K. Mishra, MS | NERPC | - |
| 20. | Sh. L. B. Muanthang, SE | NERPC | 09436731488 |
| 21. | Sh. P. N. Sarkar, EE | NERPC | 09830027523 |
| 22. | Sh. Sadiq Imam, AD-I/AEE | NERPC | 07004133772 |

| Sl. No | Name of the Station | Owner | Accommodation arranged by | Audit to be conducted by | | | Host Constituent | Onward Journey Date | Proposed Audit Date | Return Journey Date |
|--------|------------------------------------|------------------------|---------------------------|--------------------------|------------------------------|-------------------------|------------------------|---------------------|---------------------|---------------------|
| | | | | NERPC/NERLDC | POWERGRID/ State Constituent | ISGS/ State Constituent | | | | |
| 1 | +/- 800 kV HVDC Biswanath Chariali | POWERGRID | Biswanath Chariali(PG) | NERPC/NERLDC | AEGCL | NEEPCO | POWERGRID | 7/31/2017 | 8/1/2017 | 8/6/2017 |
| 2 | 132 kV/33 kV Gohpur | AEGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | AEGCL | | 8/2/2017 | |
| 3 | 132/33 kV Depota | AEGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | AEGCL | | 8/3/2017 | |
| 4 | 220/132/33 kV Sonabil | AEGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | AEGCL | | 8/4/2017 | |
| 5 | 220/132/33 kV Samaguri | AEGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | AEGCL | | 8/5/2017 | |
| 6 | 132/33 kV Imphal(PG) | POWERGRID | Imphal(PG) | NERPC/NERLDC | MSPCL | NHPC | POWERGRID | 8/6/2017 | 8/7/2017 | 8/12/2017 |
| 7 | 132/33 kV Imphal | MSPCL | | NERPC/NERLDC | POWERGRID | NHPC | MSPCL | | 8/8/2017 | |
| 8 | 132 kV Loktak | NHPC | | NERPC/NERLDC | POWERGRID | NEEPCO | NHPC | | 8/9/2017 | |
| 9 | 132/33 kV Ningthoukhong | MSPCL | | NERPC/NERLDC | POWERGRID | NHPC | MSPCL | | 8/10/2017 | |
| 10 | 132/33 kV Kakching | MSPCL | | NERPC/NERLDC | POWERGRID | NHPC | MSPCL | | 8/11/2017 | |
| 11 | 132/33 kV Khliehriat | MePTCL | Khliehriat(PG) | NERPC/NERLDC | POWERGRID | AEGCL | MePTCL | 8/20/2017 | 8/21/2017 | 8/25/2017 |
| 12 | 132/33 kV Panchgram | AEGCL | | NERPC/NERLDC | POWERGRID | MePTCL | AEGCL | | 8/22/2017 | |
| 13 | 132 kV Leska HEP | MePGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | MePGCL | | 8/23/2017 | |
| 30 | 132 kV Khliehriat | POWERGRID | | NERPC/NERLDC | MePTCL | AEGCL | POWERGRID | | 8/24/2017 | |
| 15 | 132/66/33 kV Dimapur | DoP, Nagaland | | NERPC/NERLDC | POWERGRID | AEGCL | DoP, Nagaland | | 8/28/2017 | |
| 16 | 220/132 kV Dimapur(PG) | POWERGRID | Dimapur(PG) | NERPC/NERLDC | DoP, Nagaland | AEGCL | POWERGRID | 8/27/2017 | 8/29/2017 | 9/1/2017 |
| 17 | 132/33 kV Kohima | DoP, Nagaland | | NERPC/NERLDC | POWERGRID | AEGCL | DoP, Nagaland | | 8/30/2017 | |
| 18 | 132/33 kV Karong | MSPCL | | NERPC/NERLDC | POWERGRID | DoP, Nagaland | MSPCL | | 8/31/2017 | |
| 19 | 220/132 kV Mokokchung | POWERGRID | Mariani(PG) | NERPC/NERLDC | DoP, Nagaland | NEEPCO | POWERGRID | 9/3/2017 | 9/4/2017 | 9/9/2017 |
| 20 | 220/132 kV Mariani | POWERGRID | | NERPC/NERLDC | AEGCL | NEEPCO | POWERGRID | | 9/5/2017 | |
| 21 | 220/132/66/33 kV Mariani | AEGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | AEGCL | | 9/6/2017 | |
| 22 | 132 kV LTPS | APGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | APGCL | | 9/7/2017 | |
| 23 | 132 kV Doyang | NEEPCO | | NERPC/NERLDC | POWERGRID | NHPC | NEEPCO | | 9/8/2017 | |
| 24 | 220 kV AGBPP | NEEPCO | AGBPP | NERPC/NERLDC | POWERGRID | NHPC | NEEPCO | 9/10/2017 | 9/11/2017 | 9/16/2017 |
| 25 | 132 kV NTPS | APGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | APGCL | | 9/12/2017 | |
| 26 | 132/33 kV Bokajan | AEGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | AEGCL | | 9/13/2017 | |
| 27 | 220/132/66/33 kV Tinsukia | AEGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | AEGCL | | 9/14/2017 | |
| 28 | 132/33 kV Dibrugarh | AEGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | AEGCL | | 9/15/2017 | |
| 29 | 400/132 kV Silchar | POWERGRID | Silchar(PG) | NERPC/NERLDC | AEGCL | NEEPCO | POWERGRID | 9/17/2017 | 9/18/2017 | 9/23/2017 |
| 31 | 132/33 kV Srikona | AEGCL | | NERPC/NERLDC | POWERGRID | MePTCL | AEGCL | | 9/19/2017 | |
| 32 | 132/33 kV Pailapool | AEGCL | | NERPC/NERLDC | POWERGRID | MePTCL | AEGCL | | 9/20/2017 | |
| 14 | 132/33 kV Umrangsho | AEGCL | | NERPC/NERLDC | POWERGRID | MePTCL | AEGCL | | 9/21/2017 | |
| 33 | 132/33 kV Kolasib | P & ED, Mizoram | | NERPC/NERLDC | POWERGRID | AEGCL | P & ED, Mizoram | | 9/22/2017 | |
| 34 | 132/33 kV Zuangtui | P & ED, Mizoram | Aizawl(PG) | NERPC/NERLDC | POWERGRID | NHPC | P & ED, Mizoram | 10/3/2017 | 10/4/2017 | 10/7/2017 |
| 35 | 132/33 kV Luangmual | P & ED, Mizoram | | NERPC/NERLDC | POWERGRID | NHPC | P & ED, Mizoram | | 10/5/2017 | |
| 36 | 132 kV Aizawl | POWERGRID | | NERPC/NERLDC | P&ED, Mizoram | NHPC | POWERGRID | | 10/6/2017 | |
| 37 | 132/33 kV Khupi | DoP, Arunachal Pradesh | Camp | NERPC/NERLDC | POWERGRID | NEEPCO | DoP, Arunachal Pradesh | 10/8/2017 | 10/9/2017 | 10/13/2017 |
| 38 | 132/33 kV Pasighat | DoP, Arunachal Pradesh | | NERPC/NERLDC | POWERGRID | NEEPCO | DoP, Arunachal Pradesh | | 10/10/2017 | |
| 39 | 132/33 kV Chimpu | DoP, Arunachal Pradesh | | NERPC/NERLDC | POWERGRID | NEEPCO | DoP, Arunachal Pradesh | | 10/11/2017 | |
| 40 | 132/33 kV Daporizo | DoP, Arunachal Pradesh | | NERPC/NERLDC | POWERGRID | NEEPCO | DoP, Arunachal Pradesh | | 10/12/2017 | |
| 41 | 132/33 kV Mawlai | MePTCL | Shillong | NERPC/NERLDC | POWERGRID | AEGCL | MePTCL | 10/15/2017 | 10/16/2017 | 9/20/2017 |
| 42 | 132/33 kV NEHU | MePTCL | | NERPC/NERLDC | POWERGRID | AEGCL | MePTCL | | 10/17/2017 | |
| 43 | 132 kV Uiam Stage-III | MePGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | MePGCL | | 10/18/2017 | |
| 44 | 132 kV Uiam Stage-IV | MePGCL | | NERPC/NERLDC | POWERGRID | NEEPCO | MePGCL | | 10/19/2017 | |

| | | | | | | | | | | |
|----|--------------------------|--------|---------------|--------------|-----------|--------|--------|------------|------------|------------|
| 45 | 132/66/33 kV Agartala | TSECL | Agartala | NERPC/NERLDC | POWERGRID | OTPC | TSECL | 10/22/2017 | 10/23/2017 | 10/27/2017 |
| 46 | 132 kV AGTCCPP | NEEPCO | | NERPC/NERLDC | POWERGRID | OTPC | NEEPCO | | 10/24/2017 | |
| 47 | 132/33 kV Surajmaninagar | TSECL | | NERPC/NERLDC | POWERGRID | OTPC | TSECL | | 10/25/2017 | |
| 48 | 132 Rokhia | TSECL | | NERPC/NERLDC | POWERGRID | OTPC | TSECL | | 10/26/2017 | |
| 49 | 400 kV Palatana GBPP | OTPC | Palatana | NERPC/NERLDC | POWERGRID | NEEPCO | OTPC | 10/29/2017 | 10/30/2017 | 11/3/2017 |
| 50 | 66 kV Gumti | TSECL | | NERPC/NERLDC | POWERGRID | OTPC | TSECL | | 10/31/2017 | |
| 51 | 132/66/33 kV Udaipur | TSECL | | NERPC/NERLDC | POWERGRID | OTPC | TSECL | | 11/1/2017 | |
| 52 | 132 kV TGBPP, Monarchak | NEEPCO | | NERPC/NERLDC | POWERGRID | OTPC | NEEPCO | | 11/2/2017 | |
| 53 | 132/33 kV PK Bari | TSECL | Kumarghat(PG) | NERPC/NERLDC | POWERGRID | OTPC | TSECL | 11/5/2017 | 11/6/2017 | 11/10/2017 |
| 54 | 132/33 kV Dharmanagar | TSECL | | NERPC/NERLDC | POWERGRID | OTPC | TSECL | | 11/7/2017 | |
| 55 | 132/33 kV Budhjangnagar | TSECL | | NERPC/NERLDC | POWERGRID | OTPC | TSECL | | 11/8/2017 | |
| 56 | 132 kV Baramura | TSECL | | NERPC/NERLDC | POWERGRID | OTPC | TSECL | | 11/9/2017 | |
| 57 | 400 kV BgTPP | NTPC | BgTPP | NERPC/NERLDC | POWERGRID | NEEPCO | NTPC | 11/12/2017 | 11/13/2017 | 11/17/2017 |
| 58 | 220/132/33 kV BTPS | AEGCL | | NERPC/NERLDC | POWERGRID | BgTPP | AEGCL | | 11/14/2017 | |
| 59 | 132/33 kV Dhaligaon | AEGCL | | NERPC/NERLDC | POWERGRID | BgTPP | AEGCL | | 11/15/2017 | |
| 60 | 132/33 kV Rangia | AEGCL | | NERPC/NERLDC | POWERGRID | MePTCL | AEGCL | | 11/16/2017 | |
| 61 | 220/132/33 kV Agia | AEGCL | Agia | NERPC/NERLDC | POWERGRID | BgTPP | AEGCL | 11/19/2017 | 11/20/2017 | 11/24/2017 |
| 62 | 220/132/33 kV Boko | AEGCL | | NERPC/NERLDC | POWERGRID | BgTPP | AEGCL | | 11/21/2017 | |
| 63 | 132/33 kV Nangalbibra | MePTCL | | NERPC/NERLDC | POWERGRID | AEGCL | MePTCL | | 11/22/2017 | |
| 64 | 400/ 220 kV Azara | AEGCL | | NERPC/NERLDC | POWERGRID | MePTCL | AEGCL | | 11/23/2017 | |
| 65 | 220/33 kV Jawaharnagar | AEGCL | Guwahati | NERPC/NERLDC | POWERGRID | MePTCL | AEGCL | 11/25/2017 | 11/26/2017 | 11/30/2017 |
| 66 | 132/33 kV Kahilipara | AEGCL | | NERPC/NERLDC | POWERGRID | MePTCL | AEGCL | | 11/27/2017 | |
| 67 | 132/33 kV EPIP-II | MePTCL | | NERPC/NERLDC | POWERGRID | AEGCL | MePTCL | | 11/28/2017 | |
| 68 | 132 kV Karbi Langpi | APGCL | | NERPC/NERLDC | POWERGRID | MePTCL | APGCL | | 11/29/2017 | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/001 | 220 kV Samaguri - Sonabil 1 Line | AEGCL | AEGCL | AEGCL | 01-04-2017 08:25:00 | 01-04-2017 08:35:00 | No tripping | DP, ZI | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation problem in 220 kV Samaguri - Sonabil 1 Line.This line was idle charged from Sonabil end.This event led to tripping of 220 kV Balipara - Sonabil line due to improper relay co-ordination. | | | | | | | | | | | | | | |
| Remedial-Measures | AEGCL & POWERGRID may cordinate their settings at Balipara,Sonabil,Samaguri,Sarusajai | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/002 | 400 kV Biswanath Chariali - Ranganadi 2 Line | POWERGRID | POWERGRID | NEEPCO | 01-04-2017 10:31:00 | 01-04-2017 10:45:00 | DP, ZII, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | High resistive fault due to vegetation | | | | | | | | | | | | | | |
| Remedial-Measures | Auto reclose not operated at both end to be checked by POWERGRID & NEEPCO. Vegetation clearance to be done by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/003 | 220 kV Killing (Byrnihat) - Misa 2 Line | MePTCL | MePTCL | POWERGRID | 01-04-2017 14:19:00 | 01-04-2017 14:50:00 | DP, ZI, B-E | DP, ZI, B-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Lightning Fault as informed by MePTCL. DR from Both ends are to be submitted. | | | | | | | | | | | | | | |
| Remedial-Measures | Installation of Transmission Line Surge Arresters and replacement of porcelein insulators with polymer insulators are to be expedicted by MePTCL. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/004 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 01-04-2017 16:24:00 | 01-04-2017 17:08:00 | Not Furnished | DP, ZI, B-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Due to the lightning fault in 132 kV Khliehriat-Leshka 2 line as informed by MePTCL. Zone-1 reach at Khliehriat(PG) for Khliehriat(MePTCL) set as 75 Kms (Line legnth~7 Kms) for faster clearance of fault in Meghalaya system due to absence of Numerical relays at Khliehriat(MePTCL) . | | | | | | | | | | | | | | |
| Remedial-Measures | As informed by POWERGRID, Zone -1 reach of Khliehriat(PG) reduced (set at 80%) on 13th Aprl'17. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|--------------|----------------------|----------------------------|----------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/005 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 01-04-2017 17:50:00 | 01-04-2017 18:48:00 | Not Furnished | DP, ZI, R-Y | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to the lightning fault in 132 kV Khliehriat-Leshka 1 line as informed by MePTCL. Zone-1 reach at Khliehriat(PG) for Khliehriat(MePTCL) set as 75 Kms (Line legnth~7 Kms) for faster clearance of fault in Meghalaya system. | | | | | | | | | | | | | | |
| Remedial-Measures | As informed by POWERGRID, Zone -1 reach of Khliehriat(PG) reduced (set at 80%) on 13th Aprl'17. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/001 | 132 kV Dimapur - Doyang 1 Line | POWERGRID | POWERGRID | NEEPCO | 01-04-2017 17:28:00 | 01-04-2017 17:59:00 | DP, ZI, R-B | DP | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/001 | 132 kV Dimapur - Doyang 2 Line | POWERGRID | POWERGRID | NEEPCO | 01-04-2017 17:28:00 | 01-04-2017 18:19:00 | DP, ZI, R-B | DP | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/001 | 132 kV Doyang-Mokokchung line | DoP Nagaland | NEEPCO | DoP Nagaland | 01-04-2017 17:28:00 | 01-04-2017 18:27:00 | Power Swing operated | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|---------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | DR from Khliehriat(PG) to be submitted by POWERGRID. Auto recloser not attempted at Khandong end to be checked by NEEPCO. TLSA already installed by POWERGRID at selected locations. 100% will be covered shortly as informed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/003 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 02-04-2017 04:04:00 | 02-04-2017 04:15:00 | Tripped | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/003 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 02-04-2017 04:04:00 | 02-04-2017 04:15:00 | No tripping | DP, ZI, R-Y-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to inclement weather condition causing tripping of 132 kV Khlieriat(MePTCL) - Leshka-I from Leshka end with DP, Z-1, R-Y. Zone-1 reach at Khliehriat(PG) for Khliehriat(MePTCL) set as 75 Kms (Line legnth~7 Kms) for faster clearance of fault in Meghalaya system due to absence of Numerical relays at Khliehriat(MePTCL) . | | | | | | | | | | | | | | |
| Remedial-Measures | As informed by POWERGRID, Zone -1 reach of Khliehriat(PG) reduced (set at 80%) on 13th Aprl'17. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/007 | 132 kV Haflong - Umranshu 1 Line | POWERGRID and AEGCL | AEGCL | POWERGRID | 02-04-2017 05:38:00 | 02-04-2017 06:37:00 | DP, ZI, B-E | E/F B-E | Not operated | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------|------------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Lightning fault in the line. | | | | | | | | | | | | | | |
| Remedial-Measures | Auto reclose not operated at both end to be checked by POWERGRID & AEGCL. Tower Footing resistance at lightning prone areas is to be checked by POWERGRID & AEGCL. Measures to be taken to reduce tower footing resistance, n case, tower footing resistance value goes beyond permissible limit. Installation of TLSAs is to be expedited. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/008 | 132 kV PK Bari-Silchar 1 | POWERGRID | TSECL | POWERGRID | 02-04-2017 06:07:00 | - | NOT RECEIVED | DP, Z2, B-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/04/008 | 132 kV PK Bari-Silchar 2 | POWERGRID | TSECL | POWERGRID | 02-04-2017 06:07:00 | - | not received | DP, Z2, B-E | Not operated | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tower collapsed at 6 locations. | | | | | | | | | | | | | | |
| Remedial-Measures | Circuit-2 is still under outage.Forum requested POWERGRID to restore the lines at the earliest. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/004 | 132 kV Palatana - Udaipur 1 Line | TSECL | OTPC | TSECL | 02-04-2017 06:45:00 | 02-04-2017 07:08:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/004 | 132 kV Agartala - Rokhia 1 Line | TSECL | TSECL | TSECL | 02-04-2017 06:45:00 | 02-04-2017 07:01:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|-------------------|---|--------------------|-------------------------|-------|----------------------|----------------------------|-------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | As informed by POWERGRID, Zone -1 reach of Khliehriat(PG) reduced (set at 80%) on 13th Aprl'17. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/010 | 400 kV Palatana - Silchar 2 Line | NETCL | OTPCL | POWERGRID | 02-04-2017 10:55:00 | 02-04-2017 11:35:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not operated | No | No | No | No | No SPS |
| Root Cause | Fault due to vegetation infringement | | | | | | | | | | | | | | |
| Remedial-Measures | Trees/bamboo prone to infringement may be cleared by NETC. Online works are to be conducted only after getting permission from NERLDC. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/005 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 02-04-2017 11:13:00 | 02-04-2017 11:56:00 | No tripping | DP, ZI, B-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/04/005 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 02-04-2017 11:13:00 | 02-04-2017 12:24:00 | No tripping | DP, ZI, R-Y | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/005 | 132 kV Khliehriat-Mustem Line | MePTCL | MePTCL | MePTCL | 02-04-2017 11:13:00 | 02-04-2017 17:59:00 | Not Furnished | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/04/005 | 132 kV Mustem-NEHU Line | MePTCL | MePTCL | MePTCL | 02-04-2017 11:13:00 | 02-04-2017 11:19:00 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/005 | | MePTCL | MePTCL | MePTCL | 02-04-2017 11:13:00 | 02-04-2017 11:18:00 | Not Furnished | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/04/005 | 132 kV MHLEP-Khliehriat 1 Line | MePTCL | MePTCL | MePTCL | 02-04-2017 11:13:00 | 02-04-2017 11:16:00 | DP, Z1, RYB | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault in Leshka lin due to lightning. Zone-1 reach at Khliehriat(PG) for Khliehriat(MePTCL) set as 75 Kms (Line legnth~7 Kms) for faster clearance of fault in Meghalaya system due to absence of Numerical relays at Khliehriat(MePTCL) . | | | | | | | | | | | | | | |
| Remedial-Measures | As informed by POWERGRID, Zone -1 reach of Khliehriat(PG) reduced (set at 80%) on 13th Aprl'17. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/011 | 400 kV Killing (Byrnihat) - Silchar 1 Line | NETC and MePTCL | MePTCL | POWERGRID | 02-04-2017 11:16:00 | 02-04-2017 11:52:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Lightning fault. Auto recloser at Byrnihat is not working and DT command is being sent to Silchar end after 300 milliseconds of single phase trip. As informed by POWERGRID, there is a stage-2 low SF6 pressure issue with B-Phase circuit breaker at Byrnihat which is giving the DT command to Silchar end. | | | | | | | | | | | | | | |
| Remedial-Measures | Circuit breaker Low SF-6 pressure issue at Byrnihat is to be rectified by MePTCL at the earliest. Installation of TLSA by NETC to be expedicted. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/012 | 132 kV Khandong - Khliehriat 2 Line | POWERGRID | NEEPCO | POWERGRID | 02-04-2017 11:30:00 | 02-04-2017 11:41:00 | Over current E/F | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|-------------------------|--|--------------------|-------------------------|-----------|------------------------|----------------------------|-------------------|-------------|---------------------------|------------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | DR unavailable from Khandong end for further analysis. | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID to provide software and other requirements for collecting DR & EL output (REL 670) at Khandong end for Khliehriat 2 feeder. | | | | | | | | | | | | | | |
| NERLDC/TL/ 17/04/013 | 132 kV Badarpur - Khliehriat 1 Line | POWERGRID | POWERGRID | POWERGRID | 02-04-2017 11:41:00 | 02-04-2017 12:03:00 | DP, ZII, R-E | DP, ZI, R-E | Not operated | Not operated | No | No | No | No | No SPS |
| Root Cause | Fault due to vegetation infringement. Turbulant weather also observed. | | | | | | | | | | | | | | |
| Remedial-Measures | Proper vegetation clearance to be done by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/ 17/04/014 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 02-04-2017 12:00:00 | 02-04-2017 12:23:00 | No tripping | DP, ZI, B-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Fault in Meghalaya System cleared at Khliehriat(PG). Zone-1 reach at Khliehriat(PG) for Khliehriat(MePTCL) set as 75 Kms (Line legnth~7 Kms) for faster clearance of fault in Meghalaya system due to absence of Numerical relays at Khliehriat(MePTCL) . | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|-------------------|---|--------------------|-------------------------|-------|----------------------|----------------------------|-------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | As informed by POWERGRID, Zone -1 reach of Khliehriat(PG) reduced (set at 80%) on 13th Aprl'17. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/019 | 132 kV Gelyphu - Salakati 1 Line | POWERGRID | BPC, Bhutan | POWERGRID | 02-04-2017 18:52:00 | 02-04-2017 19:28:00 | Not Furnished | DP, ZI, R-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC. No fault in Assam system as informed by AEGCL. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/007 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 02-04-2017 21:39:00 | 02-04-2017 22:02:00 | No tripping | DP, ZI, B-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/04/007 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 02-04-2017 21:39:00 | 02-04-2017 22:03:00 | No tripping | DP, ZI, B-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/04/007 | 132 kV NEHU-NEIGRIHMS Line | MePTCL | MePTCL | MePTCL | 02-04-2017 21:39:00 | 02-04-2017 21:45:00 | Not Furnished | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/04/007 | 132 kV Khliehriat-Mustem Line | MePTCL | MePTCL | MePTCL | 02-04-2017 21:39:00 | 02-04-2017 23:11:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault in Meghalaya System cleared at Khliehriat(PG). Zone-1 reach at Khliehriat(PG) for Khliehriat(MePTCL) set as 75 Kms (Line legnth~7 Kms) for faster clearance of fault in Meghalaya system due to absence of Numerical relays at Khliehriat(MePTCL) . | | | | | | | | | | | | | | |
| Remedial-Measures | As informed by POWERGRID, Zone -1 reach of Khliehriat(PG) reduced (set at 80%) on 13th Aprl'17. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/021 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 02-04-2017 22:14:00 | 02-04-2017 23:00:00 | No tripping | DP, R-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|----------------------------|-------------------------|--------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/020 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 02-04-2017 22:14:00 | 02-04-2017 22:40:00 | No tripping | DP, R-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault in Meghalaya System cleared at Khliehriat(PG). Zone-1 reach at Khliehriat(PG) for Khliehriat(MePTCL) set as 75 Kms (Line legnth~7 Kms) for faster clearance of fault in Meghalaya system due to absence of Numerical relays at Khliehriat(MePTCL) . | | | | | | | | | | | | | | |
| Remedial-Measures | As informed by POWERGRID, Zone -1 reach of Khliehriat(PG) reduced (set at 80%) on 13th Aprl'17. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/008 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP Nagaland and POWERGRID | POWERGRID | DoP Nagaland | 02-04-2017 22:24:00 | 02-04-2017 22:44:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | DoP Nagaland may inform the root cause of the event. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/021 | 132 kV Badarpur - Khliehriat 1 Line | POWERGRID | POWERGRID | POWERGRID | 02-04-2017 22:44:00 | 02-04-2017 23:11:00 | DP, ZI, Y-E | DP, ZI, Y-E | Not operated | Not operated | No | No | No | No | No SPS |
| Root Cause | Fault due to lightning.Fault near to (2 Kms) Badarpur. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. Installation of Line LA are to be expedited. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/022 | 132 kV Dimapur - Imphal 1 Line | POWERGRID | POWERGRID | POWERGRID | 02-04-2017 22:51:00 | 03-04-2017 23:46:00 | DP, ZI, Y-E | DP, ZI, Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | DR from both ends are not submitted by POWERGRID. Root cause could not be concluded due to unavailability of DR outputs. | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID may submit DR outputs from Both ends for further analysis. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/009 | 132 kV Mokochung (PG) - Mokochung (Nagaland) 1 Line | POWERGRID | POWERGRID | DoP Nagaland | 02-04-2017 23:07:00 | 03-04-2017 23:28:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|------------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/04/010 | 132 kV Lumshnong-Panchgram | MePTCL and AEGCL | MePTCL | AEGCL | 02-04-2017 20:42:00 | 02-04-2017 21:16:00 | DP, Z1, RYB | Not furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault in the line due to vegetation infrigment | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MePTCL and AEGCL. | | | | | | | | | | | | | | |
| NERLDC/UI/17/04/001 | AGTPP Unit 1 | NEEPCO | NEEPCO | - | 01-04-2017 21:16:00 | 01-04-2017 22:21:00 | Due to damper position | - | Not Applicable | - | No | - | No | - | No SPS |
| NERLDC/UI/17/04/001 | AGTPP EXTN Unit STG-1 | NEEPCO | NEEPCO | - | 01-04-2017 21:16:00 | 04-04-2017 10:51:00 | Steam pressure low | - | Not Applicable | - | No | - | No | - | No SPS |
| Root Cause | Due to problem in damper | | | | | | | | | | | | | | |
| Remedial-Measures | The problem has been rectified as informed by NEEPCO | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/024 | 220 kV AGBPP - Mariani (PG) 1 Line | POWERGRID | NEEPCO | POWERGRID | 03-04-2017 01:26:00 | 03-04-2017 01:51:00 | Direct Trip received | Over Voltage | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------|----------------------|----------------------------|----------------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Circuit breaker Low SF-6 pressure issue at Byrnihat is to be rectified by MePTCL at the earliest. Installation of TLSA by NETC to be expedited. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/030 | 132 kV Khandong - Kopili 1 Line | POWERGRID | NEEPCO | NEEPCO | 03-04-2017 06:08:00 | 03-04-2017 06:42:00 | Backup Protection operated | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault due to vegetation | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/012 | 132 kV Silchar - Hailakandi 1 Line | POWERGRID | POWERGRID | AEGCL | 03-04-2017 10:32:00 | 03-04-2017 10:56:00 | DP, ZI, B-E | Earth Fault | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault due to vegetation infringement | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|--------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/031 | 132 kV Badarpur - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED Mizoram | 03-04-2017 11:08:00 | 03-04-2017 11:35:00 | DP, ZII, B-E | Not Furnished | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault in downstream of Kolasib cleared at Badarpur. | | | | | | | | | | | | | | |
| Remedial-Measures | Proper relay coordination to be done by P & ED Mizoram at downstream of Kolasib in consultation with POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/032 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | POWERGRID | MePTCL | POWERGRID | 03-04-2017 12:02:00 | 03-04-2017 12:23:00 | No tripping | DP, ZI, B-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Fault in Meghalaya System cleared at Khliehriat(PG). Zone-1 reach at Khliehriat(PG) for Khliehriat(MePTCL) set as 75 Kms (Line legnth~7 Kms) for faster clearance of fault in Meghalaya system due to absence of Numerical relays at Khliehriat(MePTCL) . | | | | | | | | | | | | | | |
| Remedial-Measures | As informed by POWERGRID, Zone -1 reach of Khliehriat(PG) reduced (set at 80%) on 13th Aprl'17. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/033 | 400 kV Palatana - Silchar 2 Line | NETCL | OTPCL | POWERGRID | 03-04-2017 12:31:00 | 03-04-2017 12:50:00 | DP, ZI, Y-E | DP, ZI, Y-E | Not Furnished | Not operated | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Vegetation Infringement due to inclement weather | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation to be cleared by NETC. Monsoon preparation to be properly done to avoid tripping due to Vegetation Infringement | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/013 | 132 kV Loktak - Rengpang 1 Line | MSPCL | NHPC | MSPCL | 03-04-2017 00:20:00 | 03-04-2017 13:21:00 | Not Furnished | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation Infringement due to inclement weather | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation to be cleared by MSPCL. Monsoon preparation to be properly done to avoid tripping due to Vegetation Infringement | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/034 | 132 kV Aizawl - Kumarghat 1 Line | POWERGRID | POWERGRID | POWERGRID | 03-04-2017 13:19:00 | 03-04-2017 13:36:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not operated | No | No | No | No | No SPS |
| Root Cause | Fault in the line due to lightning | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | TLSA already installed by POWERGRID at selected locations. 100% will be covered shortly as informed by POWERGRID.Auto recoser not attempted at both ends.Needs to be checkd by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/014 | 132 kV Loktak - Ningthoukhong 1 Line | MSPCL | NHPC | MSPCL | 03-04-2017 15:52:00 | 03-04-2017 16:28:00 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault due to vegetation in the line or downstream of Ningthoukhong | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MSPCL. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/035 | 132 kV Badarpur - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED Mizoram | 03-04-2017 16:33:00 | 03-04-2017 16:51:00 | DP, ZII, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | DR from both ends are not submitted by POWERGRID. Root cause could not be concluded due to unavailability of DR outputs. | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID to provide software and other requirements for collecting DR & EL output at kolasib end for Badarpur & Aizwal feeder. POWERGRID to furfnish the DR from Badarpuur. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/036 | 132 kV Badarpur - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED Mizoram | 03-04-2017 17:14:00 | 03-04-2017 17:43:00 | DP, ZII, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/037 | 400 kV Bongaigaon - Alipurduar 2 Line | ENICL | POWERGRID | POWERGRID | 03-04-2017 18:58:00 | 03-04-2017 19:29:00 | DP, ZII, Y-E | No tripping | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC. Inter-regional line. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/038 | 132 kV Khandong - Khliehriat 2 Line | POWERGRID | NEEPCO | POWERGRID | 03-04-2017 20:18:00 | 03-04-2017 20:48:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | EF relay maloperation at Khandong end. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay settings at Khandong to be coordinated with to be Khliehriat(PG) & Khliehriat(MePTCL) in consultation with POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/039 | 132 kV Jiribam - Loktak 2 Line | POWERGRID | POWERGRID | NHPC | 03-04-2017 23:19:00 | 03-04-2017 23:26:00 | No tripping | DP, ZI, B-E | Not Furnished | Lockout | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Fault due to vegetation infringement | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/016 | 132 kV Khandong - Khliehriat 1 Line | POWERGRID | NEEPCO | POWERGRID | 04-04-2017 00:34:00 | 04-04-2017 00:48:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/016 | 132 kV Khandong - Khliehriat 2 Line | POWERGRID | NEEPCO | POWERGRID | 04-04-2017 00:34:00 | 04-04-2017 00:48:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/016 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 04-04-2017 00:34:00 | 04-04-2017 01:18:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/016 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 04-04-2017 00:34:00 | 04-04-2017 01:19:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | POWERGRID to provide software and other requirements for collecting DR & EL output at kolasib end for Badarpur & Aizwal feeder. Vegetation clearance to be done by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/020 | 132 kV Aizawl - Zungtui 1 Line | POWERGRID | POWERGRID | P&ED Mizoram | 04-04-2017 21:55:00 | 04-04-2017 22:32:00 | DP, ZI, 5.6 Kms. | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault in the line. Root cause could not be concluded due to unavailability of DR from Aizwal. | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID to submit the DR from Aizawl. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/042 | 132 kV Dimapur - Imphal 1 Line | POWERGRID | POWERGRID | POWERGRID | 04-04-2017 22:24:00 | 04-04-2017 22:47:00 | DP, ZI, Y-E | DP, ZI, Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Fault in the line. Root cause could not be concluded due to unavailability of DR from both ends. | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID to submit the DR from both ends. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/043 | 132 kV Comilla - Surajmani Nagar 1 Line | POWERGRID | PGCB | TSECL | 05-04-2017 11:58:00 | 05-04-2017 12:30:00 | Not Furnished | DP,86A&86B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/04/043 | 132 kV Comilla - Surajmani Nagar 2 Line | POWERGRID | PGCB | TSECL | 05-04-2017 11:58:00 | 05-04-2017 13:08:00 | Not Furnished | DP,86A&86B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Referred to PCC.TSECL may inform the root cause of tripping | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/021 | 132 kV Haflong (AS) - Haflong(PG) 1 Line | AEGCL | AEGCL | POWERGRID | 05-04-2017 16:55:00 | 05-04-2017 17:10:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Downstream fault | | | | | | | | | | | | | | |
| Remedial-Measures | Relay coordination of downstream stations of Haflong to be done by AEGCL with POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/044 | 132 kV Dimapur - Imphal 1 Line | POWERGRID | POWERGRID | POWERGRID | 07-04-2017 02:21:00 | 07-04-2017 02:50:00 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|--------------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/048 | 220 kV Dimapur - Misa 1 Line | POWERGRID | POWERGRID | POWERGRID | 09-04-2017 12:20:00 | 09-04-2017 13:02:00 | DP, ZI, Y-B | DP, ZII, Y-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/04/048 | 220 kV Dimapur - Misa 2 Line | POWERGRID | POWERGRID | POWERGRID | 09-04-2017 12:20:00 | 10-04-2017 17:55:00 | DP, ZI, Y-B | DP, ZII, Y-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | DR from both ends are not submitted by POWERGRID. Root cause could not be concluded due to unavailability of DR outputs. | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID to furnish DR outputs for further Analysis. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/023 | 132 kV Dimapur - Doyang 1 Line | POWERGRID | POWERGRID | NEEPCO | 09-04-2017 12:33:00 | 09-04-2017 12:46:00 | DP, ZII, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/04/023 | 132 kV Dimapur - Doyang 2 Line | POWERGRID | POWERGRID | NEEPCO | 09-04-2017 12:33:00 | 09-04-2017 13:21:00 | No tripping | DP, ZI, R-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/04/023 | 132 kV Bokajan - Dimapur(PG) 1 Line | AEGCL | AEGCL | POWERGRID | 09-04-2017 12:33:00 | 09-04-2017 13:41:00 | No tripping | Bus dead | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/023 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP Nagaland | POWERGRID | DoP Nagaland | 09-04-2017 12:33:00 | 09-04-2017 13:01:00 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------|----------------------|----------------------------|-------------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/UI/17/04/001 | AGTPP EXTN Unit STG-1 | NEEPCO | NEEPCO | NEEPCO | 01-04-2017 21:16:00 | 04-04-2017 10:51:00 | Main Steam Pressure low | - | Not Applicable | - | No | - | No | - | No SPS |
| Root Cause | Due to low steam pressure | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified as informed by NEEPCO. | | | | | | | | | | | | | | |
| NERLDC/UI/17/04/002 | AGTPP Unit 1 | NEEPCO | NEEPCO | NEEPCO | 03-04-2017 00:00:00 | 03-04-2017 21:01:00 | Diversion damper | - | Not Applicable | - | No | - | No | - | No SPS |
| Root Cause | Due to problem in damper | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified as informed by NEEPCO. | | | | | | | | | | | | | | |
| NERLDC/UI/17/04/003 | KHANDONG Unit 2 | NEEPCO | NEEPCO | NEEPCO | 03-04-2017 20:18:00 | 03-04-2017 21:05:00 | Over Frequency | - | Not Applicable | - | No | - | No | - | No SPS |
| NERLDC/UI/17/04/003 | KOPILI ST2 Unit 1 | NEEPCO | NEEPCO | NEEPCO | 03-04-2017 20:18:00 | 03-04-2017 21:26:00 | Over Frequency | - | Not Applicable | - | No | - | No | - | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------|------------------------|----------------------------|-------------------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Rectified as informed by NEEPCO. | | | | | | | | | | | | | | |
| NERLDC/UI/17/04/004 | KOPILI ST2 Unit 1 | NEEPCO | NEEPCO | NEEPCO | 07-04-2017 21:59:00 | 07-04-2017 22:55:00 | Rotor Earth Fault | - | Not Applicable | - | No | - | No | - | No SPS |
| Root Cause | Rotor earth fault due to Carbon dust deposit in the slip ring | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified as informed by NEEPCO. | | | | | | | | | | | | | | |
| NERLDC/GI/17/04/003 | PALATANA Unit GTG-1 | OTPC | OTPC | OTPC | 08-04-2017 10:53:00 | 08-04-2017 12:41:00 | Controller Fault | - | Not Applicable | - | No | - | No | - | No SPS |
| Root Cause | Due to problem in controller | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified as informed by OTPC. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/022 | DHEP Unit 1 | NEEPCO | NEEPCO | NEEPCO | 09-04-2017 12:34:00 | 09-04-2017 13:25:00 | Interphase Relay 86I operated | - | Not Applicable | - | No | - | No | - | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|------------------------|----------------------------|-------------------------------|-------------|---------------------------|----------------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/04/022 | DHEP Unit 3 | NEEPCO | NEEPCO | NEEPCO | 09-04-2017 12:34:00 | 09-04-2017 13:15:00 | Interphase Relay 86I operated | - | Not Applicable | - | No | - | No | - | No SPS |
| Root Cause | Due to loss of evacuation path | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/070 | 400 kV Balipara - Bongaigaon 1 Line | POWERGRID | POWERGRID | POWERGRID | 18-04-2017 13:22:00 | 18-04-2017 13:29:00 | DP, ZI, Y-E | DP, ZI, Y-E | Not Furnished | Successful operation | No | No | No | No | No SPS |
| Root Cause | Fault due to vegetation Infringement. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation to be cleared by POWERGRID. Auto recloser not attempted at Balipara to be checked by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/071 | 132 kV Motonga - Rangia 1 Line | POWERGRID | BPC, Bhutan | AEGCL | 19-04-2017 00:50:00 | 19-04-2017 03:21:00 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/074 | 132 kV Agartala - AGTPP 1 Line | POWERGRID | TSECL | NEEPCO | 19-04-2017 13:42:00 | 19-04-2017 13:51:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/04/074 | 132 kV Agartala - AGTPP 2 Line | POWERGRID | TSECL | NEEPCO | 19-04-2017 13:42:00 | 19-04-2017 13:52:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to ill-coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | Subroup requested NEEPCO to review the settings at AGTCCPP in consulatation with POWERGRID. For proper realy cordination ,Relay settings of all feeders from 79 Tilla and downstream elements at 79 Tilla are required. TSECL may furnish these settings to POWERGRID/NERPC/NERLDC at the earliest. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/075 | 132 kV Agartala - AGTPP 1 Line | POWERGRID | TSECL | NEEPCO | 19-04-2017 14:22:00 | 19-04-2017 14:32:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/04/075 | 132 kV Agartala - AGTPP 2 Line | POWERGRID | TSECL | NEEPCO | 19-04-2017 14:22:00 | 19-04-2017 14:42:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/079 | 132 kV Agartala - AGTPP 2 Line | POWERGRID | TSECL | NEEPCO | 19-04-2017 17:54:00 | 19-04-2017 18:20:00 | Not Furnished | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to ill-coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | Subroup requested NEEPCO to review the settings at AGTCCPP in consultation with POWERGRID. For proper realy cordination ,Relay settings of all feeders from 79 Tilla and downstream elements at 79 Tilla are required. TSECL may furnish these settings to POWERGRID/NERPC/NERLDC at the earliest. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/081 | 132 kV Imphal - Silchar 2 Line | POWERGRID | POWERGRID | POWERGRID | 19-04-2017 20:40:00 | 19-04-2017 20:58:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not operated | No | No | No | No | No SPS |
| Root Cause | DR from Imphal shows B-E fault wirh slight involment of R&Y phases, fault current of 1.6 kA and angle between Vb and Ib around 80 degrees indicate high probability of lightning fault but AR not sucessful due to 3-phase tripping at Imphal end. At Silchar end, AR attempted. | | | | | | | | | | | | | | |
| Remedial-Measures | 3-phase tripping at Sichar to be checked by POWERGRID. Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If necessary, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/034 | 132 kV Lumshnong - Panchgram 1 Line | MePTCL & AEGCL | MePTCL | AEGCL | 19-04-2017 21:20:00 | 19-04-2017 21:55:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|----------------|----------------------|----------------------------|-------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Fault in the line due to vegetation infrigment | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MePTCL and AEGCL. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/082 | 132 kV Badarpur - Kolasib 1 Line | POWERGRID | POWERGRID | P & ED Mizoram | 19-04-2017 22:19:00 | 19-04-2017 22:42:00 | DP, ZII, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | DR from Badarpur indicates R-E fault with fault current of around 1 kA and angle between Vr & Ir around 71 degrees. Fault persisted for around 0.5 seconds and fault current remained unchanged. Not a charateristics of high resistive vegetation fault/lightning fault. Solid fault. | | | | | | | | | | | | | | |
| Remedial-Measures | Thorough patrolling to be done by POWERGRID as same type of fault repeated many times. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/083 | 132 kV Aizawl - Jiribam 1 Line | POWERGRID | POWERGRID | POWERGRID | 19-04-2017 22:58:00 | 19-04-2017 23:14:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | DR from Jiribam shows B-E fault with fault current gradually increasing up to 0.6 kA and angle between Vb & Ib around 10 to 38 degrees indicate chances of high resistive vegetation fault. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/084 | 800 kV Biswanath Chariali - Agra 2 HVDC | POWERGRID | POWERGRID | POWERGRID | 20-04-2017 19:38:00 | 22-04-2017 12:23:00 | DC line fault | DC line fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/035 | 132 kV Aizawl - Zungtui 1 Line | POWERGRID | POWERGRID | P & ED, Mizoram | 21-04-2017 03:37:00 | 21-04-2017 03:58:00 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Fault in the line. As informed by POWERGRID, there no vegetation problem in entire line section.Likely due to lightning fault. | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID to submit DR of Aizwal end. Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If necessary, Line LA are to be installed. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------|----------------------|----------------------------|-------------------|---------------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/085 | 132 kV Agartala - AGTPP 2 Line | POWERGRID | TSECL | NEEPCO | 21-04-2017 08:38:00 | 21-04-2017 12:28:00 | No tripping | Pole Discrepancy Operated | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Breaker Maintenance Problem | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/086 | 132 kV Agartala - AGTPP 1 Line | POWERGRID | TSECL | NEEPCO | 21-04-2017 18:55:00 | 21-04-2017 19:04:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/04/086 | 132 kV Agartala - AGTPP 2 Line | POWERGRID | TSECL | NEEPCO | 21-04-2017 18:55:00 | 21-04-2017 19:05:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/04/087 | 132 kV Agartala - AGTPP 1 Line | POWERGRID | TSECL | NEEPCO | 21-04-2017 19:59:00 | 21-04-2017 20:06:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/04/087 | 132 kV Agartala - AGTPP 2 Line | POWERGRID | TSECL | NEEPCO | 21-04-2017 19:59:00 | 21-04-2017 20:07:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Due to ill-coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | Subroup requested NEEPCO to review the settings at AGTCCPP in consulatation with POWERGRID. For proper realy cordination ,Relay settings of all feeders from 79 Tilla and downstream elements at 79 Tilla are required. TSECL may furnish these settings to POWERGRID/NERPC/NERLDC at the earliest. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/036 | 132 kV Agartala - AGTPP 1 Line | POWERGRID | TSECL | NEEPCO | 22-04-2017 09:01:00 | 22-04-2017 09:14:00 | No tripping | DP, ZIII, R-Y-B-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/036 | 132 kV Agartala - AGTPP 2 Line | POWERGRID | TSECL | NEEPCO | 22-04-2017 09:01:00 | 22-04-2017 09:31:00 | No tripping | DP, ZIII, R-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/036 | 132 kV Agartala - Rokhia 1 Line | TSECL | TSECL | TSECL | 22-04-2017 09:01:00 | 23-04-2017 15:40:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/036 | 132 kV Agartala - Rokhia 2 Line | TSECL | TSECL | TSECL | 22-04-2017 09:01:00 | 22-04-2017 09:11:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/036 | 132 kV Monarchak - Rokhia 1 Line | TSECL | NEEPCO | TSECL | 22-04-2017 09:01:00 | 22-04-2017 13:05:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-------|----------------------|----------------------------|------------------------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GI/17/04/007 | PALATANA Unit GTG-2 | OTPCL | OTPCL | - | 19-04-2017 18:30:00 | 20-04-2017 02:38:00 | GTG Exhaust Thermal Coupling Fault | - | Not applicable | - | No | - | Yes | - | Not operated |
| NERLDC/GI/17/04/007 | PALATANA Unit STG-2 | OTPCL | OTPCL | - | 19-04-2017 18:30:00 | 20-04-2017 06:06:00 | GTG Exhaust Thermal Coupling Fault | - | Not applicable | - | No | - | Yes | - | Not operated |
| Root Cause | Due to problem in thermal exhaust of GTG-2 | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GI/17/04/008 | PALATANA Unit GTG-1 | OTPCL | OTPCL | - | 21-04-2017 14:26:00 | 21-04-2017 16:59:00 | Drum Level High | - | Not applicable | - | No | - | No | - | Not operated |
| NERLDC/GI/17/04/008 | PALATANA Unit STG-1 | OTPCL | OTPCL | - | 21-04-2017 14:26:00 | 22-04-2017 04:06:00 | Low forward power proection | - | Not applicable | - | No | - | No | - | Not operated |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-------|----------------------|----------------------------|-------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Due to high drum level | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/UI/17/04/006 | PALATANA Unit GTG-1 | OTPCL | OTPCL | - | 21-04-2017 17:26:00 | 21-04-2017 20:58:00 | Rotor Earth Fault | - | Not applicable | - | No | - | No | - | Not operated |
| Root Cause | Rotor earth fault | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/UI/17/04/007 | PALATANA Unit GTG-1 | OTPCL | OTPCL | - | 21-04-2017 21:03:00 | 22-04-2017 03:22:00 | Rotor Earth Fault | - | Not applicable | - | No | - | No | - | Not operated |
| Root Cause | Rotor earth fault | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------------|----------------------|----------------------------|---|-----------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GI/17/04/009 | KHANDONG Unit 2 | NEEPCO | NEEPCO | - | 22-04-2017 11:46:00 | 22-04-2017 12:40:00 | Over current, Over frequency & Over voltage optd. | - | Not applicable | - | No | - | No | - | No SPS |
| NERLDC/GI/17/04/009 | KOPI LI ST2 Unit 1 | NEEPCO | NEEPCO | - | 22-04-2017 11:46:01 | 22-04-2017 12:30:00 | Over current, Over frequency & Over voltage optd. | - | Not applicable | - | No | - | No | - | No SPS |
| Root Cause | Tripped on over current due to tripping of 132 kV Khandong-Khliehriat D/C lines | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/091 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P & ED, Mizoram | 24-04-2017 10:12:00 | 24-04-2017 10:50:00 | DP, ZI, B-E | DP, Z-2,B-E, 58.5 KM. | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Sag of the conductors also to be monitored durning patrolling. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/093 | 132 kV Motonga - Rangia 1 Line | POWERGRID | BPC, Bhutan | AEGCL | 24-04-2017 08:00:00 | 24-04-2017 09:35:00 | Not Furnished | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Refferred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/094 | 132 kV Agartala - AGTPP 1 Line | POWERGRID | TSECL | NEEPCO | 25-04-2017 01:58:00 | 25-04-2017 02:40:00 | Earth Fault | DP, ZI, R-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| NERLDC/TL/17/04/095 | 132 kV Agartala - AGTPP 2 Line | POWERGRID | TSECL | NEEPCO | 25-04-2017 01:58:00 | 25-04-2017 02:40:00 | Earth Fault | DP, ZI, R-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Fault in the line due to infrigment | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/100 | 132 kV AGTPP - Kumarghat 1 Line | POWERGRID | NEEPCO | POWERGRID | 25-04-2017 12:45:00 | 25-04-2017 12:51:00 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Likely due to instatanous over current settings at AGTPP | | | | | | | | | | | | | | |
| Remedial-Measures | Over Current Settings at AGTPP to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/038 | 400 kV Palatana - Silchar 2 Line | NETCL | OTPCL | POWERGRID | 25-04-2017 13:07:00 | 25-04-2017 13:20:00 | DP, Z1, B-E | DP, Z1, Y-B-E | Not Applicable | Not Applicable | No | Yes | No | Yes | No SPS |
| NERLDC/GD/17/04/038 | 132 kV AGTPP - Kumarghat 1 Line | POWERGRID | NEEPCO | POWERGRID | 25-04-2017 13:07:00 | 25-04-2017 13:25:00 | Over-current | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/038 | 132 kV Agartala-Dhalabil Line | TSECL | POWERGRID | TSECL | 25-04-2017 13:07:00 | 25-04-2017 13:20:00 | Not Furnished | Over-current | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/038 | Palatana GTG-1 | OTPCL | OTPCL | - | 25-04-2017 13:07:01 | 26-04-2017 17:05:00 | Turbine trip | - | Not Applicable | - | No | | No | | SPS-1 operated |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------|----------------------|----------------------------|------------------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/102 | 132 kV Badarpur - Silchar 2 Line | POWERGRID | POWERGRID | POWERGRID | 25-04-2017 17:47:00 | 25-04-2017 18:06:00 | DP, ZI, B-E | DP, ZII, B-E | Not furnished | Not furnished | No | No | No | No | No SPS |
| Root Cause | Earth wire snapped at LOC. NO 41-42. | | | | | | | | | | | | | | |
| Remedial-Measures | Already rectified as informed by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/103 | 132 kV Badarpur - Silchar 1 Line | POWERGRID | POWERGRID | POWERGRID | 25-04-2017 18:01:00 | 25-04-2017 18:14:00 | DP, ZI, R-E | DP, ZI, R-E | Not furnished | Not furnished | No | Yes | No | Yes | No SPS |
| Root Cause | Earth wire snapped at LOC. NO 41-42. | | | | | | | | | | | | | | |
| Remedial-Measures | Already rectified as informed by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/104 | 132 kV Badarpur - Silchar 2 Line | POWERGRID | POWERGRID | POWERGRID | 25-04-2017 18:14:00 | 25-04-2017 18:47:00 | 86A, 86B trip relay operated | No tripping | Not Applicable | Not Applicable | No | Yes | No | Yes | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|----------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/04/040 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 26-04-2017 10:23:00 | 26-04-2017 10:47:00 | No tripping | DP, ZIII, R-Y-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/040 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 26-04-2017 10:23:00 | 26-04-2017 10:49:00 | No tripping | DP, ZIII, R-Y-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to inclement weather condition, 132 kV Khliehriat - Leshka -I tripped on DP,R-Y-B, Z1 - 9.949 km and 132 kV Khliehriat - Leshka-II on DP,R-Y-B, Z1 - 13.37 km .Due to problem in tripping coil of CB at Khliehriat(MePTCL) of Leshka-I feeder, fault was cleared at Khliehriat(PG). | | | | | | | | | | | | | | |
| Remedial-Measures | Already rectified as informed by MePTCL | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/111 | 400 kV Palatana - Silchar 2 Line | NETCL | OTPCL | POWERGRID | 26-04-2017 12:51:00 | 26-04-2017 13:05:00 | Over voltage | Direct Trip received | Not Applicable | Not Applicable | No | Yes | No | Yes | SPS not operated |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/112 | 132 kV Imphal - Silchar 1 Line | POWERGRID | POWERGRID | POWERGRID | 26-04-2017 14:47:00 | 26-04-2017 15:00:00 | DP, ZII, B-E | DP, ZI, B-E | Not furnished | Not furnished | No | No | No | No | No SPS |
| Root Cause | DR from Imphal shows B-E fault with fault current of 7.6 kA and angle between Vb and Ib around 71 degrees indicate high probability of lightning fault. | | | | | | | | | | | | | | |
| Remedial-Measures | AR at both ends to be checked by POWERGRID. Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If necessary, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/113 | 132 kV Imphal - Silchar 2 Line | POWERGRID | POWERGRID | POWERGRID | 26-04-2017 14:41:00 | 26-04-2017 14:56:00 | DP, ZI, R-E | DP, ZI, R-E | Not furnished | Not furnished | No | No | No | No | No SPS |
| Root Cause | DR from Imphal shows R-E fault with fault current of 9 kA , angle between Vr and Ir around 57 degrees and all the 3-phases tripped.DR from Imphal shows R-E fault with fault current of 1.2 kA , angle between Vr and Ir around 57 degrees and AR attempted. These indicate high probability of lightning fault but AR not successful due to 3-phase tripping at Imphal end. | | | | | | | | | | | | | | |
| Remedial-Measures | 3-phase tripping at Imphal to be checked by POWERGRID. Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If necessary, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/114 | 132 kV Badarpur - Khliehriat 1 Line | POWERGRID | POWERGRID | POWERGRID | 27-04-2017 21:33:00 | 27-04-2017 21:50:00 | DP, ZII, B-E | DP, ZI, B-E | Not furnished | Not furnished | No | No | No | No | No SPS |

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-----------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Vegetation infringement to be cleared by DoP, AP | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/044 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 28-04-2017 03:51:00 | 28-04-2017 04:13:00 | No tripping | DP, ZIII, R-B-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/044 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 28-04-2017 03:51:00 | 28-04-2017 04:15:00 | No tripping | DP, ZIII, R-B-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to inclement weather condition, 132 kV Khliehriat - Leshka-I line tripped. Due to problem in tripping coil of CB at Khliehriat(MePTCL) of Leshka-I feeder, fault was cleared at Khliehriat(PG). | | | | | | | | | | | | | | |
| Remedial-Measures | Already rectified as informed by MePTCL | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/045 | 132 kV Loktak - Rengpang 1 Line | MSPCL | NHPC | MSPCL | 28-04-2017 09:38:00 | 28-04-2017 10:06:00 | DP, Z1 | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|--------------------------|-------------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Thorough patrolling to be done by NETC as same type of fault repeated many times. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/117 | 400 kV Bongaigaon - Killing (Byrnihat) 1 Line | NETC & MePTCL | POWERGRID | MePTCL | 28-04-2017 18:58:00 | 28-04-2017 19:48:00 | DP, ZII, Y-E | Not Furnished | Not furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | DR from Bongaigaon indicates Y-E fault with fault current of 1.7 kA with angle between Vy & Iy around 81 degrees. Likely due to lightning fault. | | | | | | | | | | | | | | |
| Remedial-Measures | Installation of TLSA by NETC to be expedited. | | | | | | | | | | | | | | |
| NERLDC/GD/17/04/046 | 400 kV Silchar-Byrnihat Line | NETCL & MePTCL | POWERGRID | MePTCL | 28-04-2017 19:10:00 | 28-04-2017 20:07:00 | DP, B-N, Z2, DT Received | Directional Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/046 | 220 kV Killing (Byrnihat) - Misa 1 Line | MePTCL | MePTCL | POWERGRID | 28-04-2017 19:10:00 | 28-04-2017 20:11:00 | DP, YB ph | DP, Z2, RYB ph | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/04/046 | 220 kV Killing (Byrnihat) - Misa 2 Line | MePTCL | MePTCL | POWERGRID | 28-04-2017 19:11:00 | 28-04-2017 20:15:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/046 | 132 kV Haflong-Jiribam Line | POWERGRID | POWERGRID | POWERGRID | 28-04-2017 19:11:00 | 28-04-2017 20:06:00 | No tripping | Overcurrent | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/046 | 132 kV Badarpur-Khliehriat Line | POWERGRID | POWERGRID | POWERGRID | 28-04-2017 19:11:00 | 28-04-2017 19:38:00 | No tripping | Overcurrent | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/046 | 132 kV Dimapur-Imphal Line | POWERGRID | POWERGRID | POWERGRID | 28-04-2017 19:10:00 | 28-04-2017 19:35:00 | No tripping | Overcurrent | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/046 | 220 kV Misa-Dimapur I Line | POWERGRID | POWERGRID | POWERGRID | 28-04-2017 19:10:00 | 28-04-2017 19:36:00 | 86Z, 186 A & B | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/046 | 220 kV Misa-Dimapur II Line | POWERGRID | POWERGRID | POWERGRID | 28-04-2017 19:10:00 | 28-04-2017 19:52:00 | 86Z, 186 A & B | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/04/046 | 220 kV Misa-Kopili I Line | POWERGRID | POWERGRID | POWERGRID | 28-04-2017 19:10:00 | 28-04-2017 19:53:00 | 86Z, 186 A & B | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

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पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|----------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/04/120 | 132 kV Khandong - Khliehriat 2 Line | POWERGRID | NEEPCO | POWERGRID | 28-04-2017 23:22:00 | 28-04-2017 23:35:00 | DP, ZI, R-Y-B-E | DP, ZII, R-Y-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Conductor snap at Loc 115-116 due to falling of tree | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified as informed by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/121 | 132 kV Badarpur - Khliehriat 1 Line | POWERGRID | POWERGRID | POWERGRID | 28-04-2017 23:32:00 | 28-04-2017 23:48:00 | DP, ZII, R-E | DP, ZI, R-E | Not furnished | Not furnished | No | No | No | No | No SPS |
| Root Cause | DR from Badarpur shows R-E fault with fault current of 1.5 kA, deformation in voltage and angle between Vr & Ir around 68 degrees.DR from Khliehriat shows R-E fault with fault current up to 1.9 kA.Fault occurred just after Vr peak and sudden dip in voltage also observed.These indicate likelihood of lightning. | | | | | | | | | | | | | | |
| Remedial-Measures | Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. Installation of Line LA are to be expedited. | | | | | | | | | | | | | | |
| NERLDC/TL/17/04/122 | 132 kV Badarpur - Silchar 2 Line | POWERGRID | POWERGRID | POWERGRID | 28-04-2017 22:15:00 | 28-04-2017 22:37:00 | DP, ZIII, R-Y-E | No tripping | Not Applicable | Not Applicable | No | Yes | No | Yes | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

पूर्वात्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

| Event ID | ट्रिपिंग तत्वका नाम / Name of tripping element | मालिक / Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|--------------------|-------------------------|-------|------------------------|----------------------------|----------------------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GI/17/04/012 | AGTPP Unit 1 | NEEPCO | NEEPCO | - | 25-04-2017 17:37:00 | 25-04-2017 18:01:00 | Low Voltage | - | Not Applicable | - | No | - | No | - | No SPS |
| Root Cause | Desynchronizd due to low voltage | | | | | | | | | | | | | | |
| Remedial-Measures | Issue in Tripura system. TSECL may identify the low voltage nodes in their system and installation of Capacitor banks to be expedited. | | | | | | | | | | | | | | |
| NERLDC/GI/17/04/013 | AGTPP Unit 1 | NEEPCO | NEEPCO | - | 26-04-2017 20:40:00 | 27-04-2017 10:12:00 | Due to lube oil high temp. | - | Not Applicable | - | No | - | No | - | No SPS |
| Root Cause | Tripping of cooling tower fan | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GI/17/04/014 | AGTPP Unit 1 | NEEPCO | NEEPCO | - | 28-04-2017 16:53:00 | 28-04-2017 16:55:00 | 27-Under voltage relay, 59 relay | - | Not Applicable | - | No | - | No | - | No SPS |

पूर्वोत्तर क्षेत्र में 01.04.17 से 30.04.17 तक की घटनाये / Events in NER Grid from 01.04.17 to 30.04.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|--------------------------|---|------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/TL/17/05/001 | 132 kV Khandong - Khliehriat 1 Line | POWERGRID | NEEPCO | POWERGRID | 01-05-2017 00:12:00 | 01-05-2017 00:25:00 | Earth Fault | DP, ZI, R-B-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/002 | 132 kV Khandong - Kopili 1 Line | POWERGRID | NEEPCO | NEEPCO | 01-05-2017 00:12:00 | 01-05-2017 00:32:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Mal-operation of relay at Khandong | | | | | | | | | | | | | | |
| Remedial-Measures | Earth Fault Settings at Khandong to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/003 | 132 kV Imphal - Silchar 1 Line | POWERGRID | POWERGRID | POWERGRID | 01-05-2017 00:42:00 | 01-05-2017 00:47:00 | No tripping | DP, ZI, R-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|-----------------------------|---|------------|-------------------------|-----------|------------------------|----------------------------|-------------------|--------------|---------------------------|-------------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/ TL/17/05/0 04 | 132 kV Jiribam - Loktak 2 Line | POWERGRID | POWERGRID | NHPC | 01-05-2017 00:51:00 | 01-05-2017 01:30:00 | DP, ZI, B-E | DP, ZII, B-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. Installation of Line LA are to be expedited. | | | | | | | | | | | | | | |
| NERLDC/ TL/17/05/0 05 | 400 kV Balipara - Misa 1 Line | POWERGRID | POWERGRID | POWERGRID | 01-05-2017 00:55:00 | 01-05-2017 01:29:00 | DP, ZI, Y-E | DP, ZI, Y-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|---------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Remedial-Measures | Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/001 | 132 kV Lekhi - Nirjuli 1 Line | DoP, AP & POWERGRID | DoP, AP | POWERGRID | 01-05-2017 02:08:00 | 01-05-2017 02:22:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Infringement in the LILO section | | | | | | | | | | | | | | |
| Remedial-Measures | vegetation infringement to be cleared by DoP,AP. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/002 | 132 kV Loktak - Rengpang 1 Line | MSPCL | NHPC | MSPCL | 01-05-2017 03:20:00 | 02-05-2017 15:11:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MSPCL | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|--------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/TL/17/05/06 | 400 kV Bongaigaon - New Siliguri (Binaguri) 4 Line | POWERGRID | POWERGRID | POWERGRID | 01-05-2017 16:59:00 | 01-05-2017 17:20:00 | DP, ZII, Y-E | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/07 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 01-05-2017 21:30:00 | 01-05-2017 21:41:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/05/08 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 01-05-2017 21:30:00 | 01-05-2017 22:00:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | ill coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | DR to be furnished by AGTCCPP. Relay settings at AGTCCPP,Kumarghat,Agartala to be reviewed by NEEPCO in consultation with POWERGRID & TSECL. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|----------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/TL/17/05/09 | 132 kV AGTCCPP - Kumarghat 1 Line | POWERGRID | NEEPCO | POWERGRID | 01-05-2017 23:43:00 | 01-05-2017 23:47:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | ill coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | DR to be furnished by AGTCCPP. Relay settings at AGTCCPP,Kumarghat,Agartala to be reviewed by NEEPCO in consultation with POWERGRID & TSECL. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/10 | 132 kV Aizawl - Kumarghat 1 Line | POWERGRID | POWERGRID | POWERGRID | 01-05-2017 23:39:00 | 01-05-2017 23:57:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Line LA are already installed. AR facility at both is to be checked. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/003 | 132 kV Aizawl - Zungtui 1 Line | POWERGRID | POWERGRID | P & ED Mizoram | 02-05-2017 00:18:00 | 02-05-2017 00:35:00 | DP, ZI, Y-E | Not Furnished | Not Furnished | Not Furnished | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|-------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|----------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Remedial-Measures | Referred to NLDC | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/017 | 400 kV Balipara - Bongaigaon 2 Line | POWERGRID | POWERGRID | POWERGRID | 05-05-2017 03:11:00 | 05-05-2017 03:28:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/018 | 132 kV Haflong - Umranshu 1 Line | POWERGRID & AEGCL | POWERGRID & AEGCL | AEGCL | 05-05-2017 05:13:00 | 05-05-2017 16:42:00 | Earth Fault | DP, ZI, R-E, 8.7 Kms | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation Infringment | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID & AEGCL | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|---------------|-------------------------|-----------|----------------------|----------------------------|-------------------|----------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/TL/17/05/019 | 132 kV Badarpur - Khliehriat 1 Line | POWERGRID | POWERGRID | POWERGRID | 05-05-2017 07:30:00 | 05-05-2017 07:54:00 | DP, ZI, Y-E | DP, ZI, Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Auto recloser not attempted at both ends to be checked by POWERGRID. TLSA already installed by POWERGRID at selected locations. 100% will be covered shortly as informed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/020 | 400 kV Killing (Byrnihat) - Silchar 1 Line | NETC ; MePTCL | MePTCL | POWERGRID | 05-05-2017 09:46:00 | 05-05-2017 10:51:00 | DP, ZI, R-E | DP, ZII, Y-B-E | Not Furnished | Not Furnished | No | Yes | No | Yes | No SPS |
| Root Cause | Lightning fault. Auto recloser at Byrnihat is not working and DT command is being sent to Silchar end after 300 milliseconds of single phase trip. As informed by POWERGRID, there is a stage-2 low SF6 pressure issue with B-Phase circuit breaker at Byrnihat which is giving the DT command to Silchar end. | | | | | | | | | | | | | | |
| Remedial-Measures | Circuit breaker Low SF-6 pressure issue at Byrnihat is to be rectified by MePTCL at the earliest. Installation of TLSA by NETC to be expedited. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/021 | 220 kV Mariani (PG) - Mokokchung (PG) 2 Line | POWERGRID | POWERGRID | POWERGRID | 05-05-2017 10:50:00 | 05-05-2017 16:07:00 | DP, ZII, R-Y-E | DP, ZI, R-Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------|-------------------------|------------------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/022 | 132 kV Khandong - Khliehriat 1 Line | POWERGRID | NEEPCO | POWERGRID | 05-05-2017 13:00:00 | 05-05-2017 13:21:00 | DP, ZI, R-Y-B | Earth Fault | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/05/023 | 132 kV Khandong - Khliehriat 2 Line | POWERGRID | NEEPCO | POWERGRID | 05-05-2017 13:00:00 | 05-05-2017 13:19:00 | DP, ZIII, R-Y-B | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning. Tripping of 132 kV Khandong - Khliehriat 2 Line at Khandong to be reviewed by NEEPCO. | | | | | | | | | | | | | | |
| Remedial-Measures | Auto recloser not attempted at both ends to be checked by POWERGRID. TLSA already installed by POWERGRID at selected locations. 100% will be covered shortly as informed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/005 | 132 kV Balipara - Khupi 1 Line | NEEPCO & DoP, AP | POWERGRID | DoP, Arunachal Pradesh | 05-05-2017 16:02:00 | 05-05-2017 16:30:00 | DP, ZI, R-B | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|-----------------------------|---|---------------|-------------------------|---------------|------------------------|----------------------------|-------------------|-------------|---------------------------|-------------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Remedial-Measures | Earth fault Settings at AGTPP to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |
| NERLDC/ TL/17/05/0 26 | 400 kV Palatana - Silchar 2 Line | NETCL | OTPCl | POWERGRID | 05-05-2017 22:54:00 | 05-05-2017 23:32:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | SPS not operated |
| Root Cause | Lightning fault. | | | | | | | | | | | | | | |
| Remedial-Measures | Circuit breaker Low SF-6 pressure issue at Byrnihat is to be rectified by MePTCL at the earliest. Installation of TLISA by NETC to be expedited. | | | | | | | | | | | | | | |
| NERLDC/ GD/17/05/ 005 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP, Nagaland | POWERGRID | DoP, Nagaland | 06-05-2017 12:54:00 | 06-05-2017 13:01:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP, Nagaland. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/TL/17/05/027 | 400 kV Bongaigaon - Alipurduar 2 Line | ENICL | POWERGRID | POWERGRID | 06-05-2017 16:39:00 | 06-05-2017 16:54:00 | DP, ZII, Y-E | Not Furnished | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/028 | 400 kV Balipara - Bongaigaon 1 Line | POWERGRID | POWERGRID | POWERGRID | 06-05-2017 18:08:00 | 06-05-2017 18:13:00 | DP, ZII, R-E | DP, ZI, R-E | Successful operation | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Auto recloser not attempted at balipara end to be checked by POWERGRID. Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/029 | 132 kV Badarpur - Khliehriat 1 Line | POWERGRID | POWERGRID | POWERGRID | 06-05-2017 22:25:00 | 06-05-2017 23:05:00 | DP, ZI, Y-E | DP, ZII, Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|-----------------------------|--|---------------|-------------------------|-----------|------------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Auto recloser not attempted at both ends to be checked by POWERGRID. TLSA already installed by POWERGRID at selected locations. 100% will be covered shortly as informed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/ TL/17/05/0 30 | 132 kV Badarpur - Kumarghat 1 Line | POWERGRID | POWERGRID | POWERGRID | 06-05-2017 22:25:00 | 06-05-2017 22:45:00 | No tripping | DP, ZII, Y-E | Not Applicable | Not applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Auto recloser not attempted at Kumarghat end to be checked by POWERGRID. Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/ TL/17/05/0 31 | 400 kV Killing (Byrnihat) - Silchar 1 Line | NETC & MePTCL | MePTCL | POWERGRID | 06-05-2017 22:44:00 | 06-05-2017 22:59:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Lightning fault. Auto recloser at Byrnihat is not working and DT command is being sent to Silchar end after 300 milliseconds of single phase trip. As informed by POWERGRID, there is a stage-2 low SF6 pressure issue with B-Phase circuit breaker at Byrnihat which is giving the DT command to Silchar end. | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Remedial-Measures | Circuit breaker Low SF-6 pressure issue at Byrnihat is to be rectified by MePTCL at the earliest. Installation of TLSA by NETC to be expedited. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/007 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 07-05-2017 15:21:00 | 06-05-2017 15:27:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/05/007 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 07-05-2017 15:21:00 | 07-05-2017 15:28:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | ill coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | DR to be furnished by AGTCCPP. Relay settings at AGTCCPP,Kumarghat,Agartala to be reviewed by NEEPCO in consultation with POWERGRID & TSECL. | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/TL/17/05/032 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 07-05-2017 15:51:00 | 07-05-2017 15:56:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | ill coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | DR to be furnished by AGTCCPP. Relay settings at AGTCCPP,Kumarghat,Agartala to be reviewed by NEEPCO in consultation with POWERGRID & TSECL. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/033 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 07-05-2017 15:51:00 | 07-05-2017 15:56:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | ill coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | DR to be furnished by AGTCCPP. Relay settings at AGTCCPP,Kumarghat,Agartala to be reviewed by NEEPCO in consultation with POWERGRID & TSECL. | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/GD/17/05/007 | 132 kV Palatana - Udaipur 1 Line | TSECL | TSECL | TSECL | 07-05-2017 15:21:00 | 07-05-2017 15:35:00 | No tripping | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/05/007 | 132 kV Monarchak - Rokhia 1 Line | TSECL | NEEPCO | TSECL | 07-05-2017 15:21:00 | 07-05-2017 15:40:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | TSECL may furnish root cause | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/034 | 132 kV Monarchak - Rokhia 1 Line | TSECL | NEEPCO | TSECL | 07-05-2017 15:45:00 | 07-05-2017 16:08:00 | No tripping | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | TSECL may furnish root cause | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-------|----------------------|----------------------------|--|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/GI/17/05/002 | PALATANA Unit GTG-1 | OTPCL | OTPCL | | 03-05-2017 06:42:00 | 03-05-2017 09:07:00 | High exhaust spread/Station transformer breaker 02 problem | | No | | No | | No | | SPS not operated |
| NERLDC/GI/17/05/002 | PALATANA Unit STG-1 | OTPCL | OTPCL | | 03-05-2017 06:42:00 | 03-05-2017 11:04:00 | Generation protection Tripped | | No | | No | | No | | SPS not operated |
| NERLDC/GI/17/05/002 | PALATANA Unit GTG-2 | OTPCL | OTPCL | | 03-05-2017 06:42:00 | 03-05-2017 10:42:00 | Generation protection Tripped | | No | | No | | No | | SPS not operated |
| NERLDC/GI/17/05/002 | PALATANA Unit STG-2 | OTPCL | OTPCL | | 03-05-2017 06:42:00 | 03-05-2017 13:16:00 | Generation protection Tripped | | No | | No | | No | | SPS not operated |
| Root Cause | Due to station transformer breaker problem | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GI/17/05/003 | PALATANA Unit GTG-1 | OTPCL | OTPCL | | 03-05-2017 00:04:00 | 03-05-2017 15:16:00 | Generator Prot. trip | | No | | No | | No | | SPS not operated |
| NERLDC/GI/17/05/003 | PALATANA Unit STG-1 | OTPCL | OTPCL | | 03-05-2017 00:05:00 | 03-05-2017 16:38:00 | Generator Prot. trip | | No | | No | | No | | SPS not operated |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|--|-------------------------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Root Cause | Due to station transformer breaker problem | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GI/17/05/04 | KHANDONG Unit 1 | NEEPCO | NEEPCO | | 05-05-2017 13:00:00 | 05-05-2017 21:51:00 | Class ABC, gen O/C, Over-frequency, 60% overspeed, gen | | No | | No | | No | | No SPS |
| NERLDC/GI/17/05/04 | KHANDONG Unit 2 | NEEPCO | NEEPCO | | 05-05-2017 13:00:00 | 05-05-2017 13:51:00 | Class ABC, gen O/C, Over-frequency, 60% overspeed, gen | | No | | No | | No | | No SPS |
| NERLDC/GI/17/05/04 | KOPILI ST2 Unit 1 | NEEPCO | NEEPCO | | 05-05-2017 13:00:00 | 05-05-2017 13:56:00 | Class A;B gen trip relay operated | | No | | No | | No | | No SPS |
| Root Cause | Tripping of evacuation lines | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/035 | 220 kV BTPS - Salakati 1 Line | POWERGRID | AEGCL | POWERGRID | 09-05-2017 10:20:00 | 09-05-2017 10:50:00 | Earth Fault | Tripped, Master Trip relay opearted | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|---------------|-------------------------|---------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/TL/17/05/039 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP, Nagaland | POWERGRID | DoP, Nagaland | 09-05-2017 14:32:00 | 09-05-2017 14:48:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP, Nagaland. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/040 | 400 kV Balipara - Biswanath Chariali 2 Line | POWERGRID | POWERGRID | POWERGRID | 09-05-2017 14:45:00 | 09-05-2017 15:15:00 | DP, ZII, B-E | DP, ZI, B-E | Not Furnished | Successful operation | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID at the earliest. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/041 | 220 kV Samaguri - Sarusajai 2 Line | AEGCL | AEGCL | AEGCL | 09-05-2017 13:41:00 | 09-05-2017 17:35:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|--------|----------------------|----------------------------|-------------------|----------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by AEGCL at the earliest. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/042 | 400 kV Biswanath Chariali - Ranganadi 2 Line | POWERGRID | POWERGRID | NEEPCO | 09-05-2017 15:08:00 | 09-05-2017 15:38:00 | DP, ZI, Y-E | Direct Trip received | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID at the earliest. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/043 | 132 kV Dimapur - Doyang 2 Line | POWERGRID | POWERGRID | NEEPCO | 09-05-2017 15:58:00 | 09-05-2017 16:16:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Photographs & Patrolling report indicate bamboo branch in bottom cross arm | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| NERLDC/TL/17/05/044 | 132 kV Dimapur - Doyang 2 Line | POWERGRID | POWERGRID | NEEPCO | 09-05-2017 17:05:00 | 09-05-2017 17:26:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Photographs & Patrolling report indicate bamboo branch in bottom cross arm | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/045 | 132 kV Dimapur - Doyang 2 Line | POWERGRID | POWERGRID | NEEPCO | 09-05-2017 17:39:00 | 10-05-2017 00:12:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Photographs & Patrolling report indicate bamboo branch in bottom cross arm | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/009 | 132 kV Ranganadi - Ziro 1 Line | POWERGRID | NEEPCO | POWERGRID | 09-05-2017 16:48:00 | 09-05-2017 23:32:00 | DP, ZI, R-E | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tree fell on conductor during storm between Loc 23 - 24 | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|---------------|-------------------------|---------------|----------------------|----------------------------|-------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/046 | 400 kV Biswanath Chariali - Ranganadi 2 Line | POWERGRID | POWERGRID | NEEPCO | 09-05-2017 17:53:00 | 09-05-2017 18:12:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/047 | 132 kV Dimapur - Doyang 2 Line | POWERGRID | POWERGRID | NEEPCO | 10-05-2017 07:54:00 | 10-05-2017 13:29:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Photographs & Patrolling report indicate bamboo branch in bottom cross arm | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/048 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP, Nagaland | POWERGRID | DoP, Nagaland | 10-05-2017 12:52:00 | 10-05-2017 13:00:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP, Nagaland. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/010 | 132 kV Balipara - Khupi 1 Line | NEEPCO & DoP, AP | POWERGRID | DoP, AP | 10-05-2017 13:27:00 | 10-05-2017 14:02:00 | DP, ZI, R-B-E | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault (32.54 Kms,Loc 114) | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP, AP & NEEPCO. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/049 | 132 kV Khandong - Khliehriat 1 Line | POWERGRID | NEEPCO | POWERGRID | 11-05-2017 12:17:00 | 11-05-2017 12:38:00 | DP, ZI, R-Y-B | DP, ZII, R-E | Not Applicable | Successful operation | No | No | No | No | No SPS |
| NERLDC/TL/17/05/049 | 132 kV Khandong - Kopili 1 Line | POWERGRID | NEEPCO | NEEPCO | 11-05-2017 12:17:00 | 11-05-2017 12:36:00 | No tripping | DP, ZIII, B-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/05/049 | 132 kV Khandong - Kopili 2 Line | POWERGRID | NEEPCO | NEEPCO | 11-05-2017 12:17:00 | 11-05-2017 12:50:00 | DP, ZI, R-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

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वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/051 | 132 kV Agartala - AGTPP 1 Line | POWERGRID | TSECL | NEEPCO | 13-05-2017 07:54:00 | 13-05-2017 08:06:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/05/051 | 132 kV Agartala - AGTPP 2 Line | POWERGRID | TSECL | NEEPCO | 13-05-2017 07:54:00 | 13-05-2017 08:08:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | ill coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | DR to be furnished by AGTCCPP. Relay settings at AGTCCPP, Kumarghat, Agartala to be reviewed by NEEPCO in consultation with POWERGRID & TSECL. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/012 | 132 kV Jiribam - Loktak 2 Line | POWERGRID | POWERGRID | NHPC | 13-05-2017 10:13:00 | 13-05-2017 10:32:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | Yes | No | No SPS |
| NERLDC/GD/17/05/012 | Loktak Unit 1 | NHPC | NHPC | - | 13-05-2017 10:13:00 | 13-05-2017 11:11:00 | Over-frequency | - | Not Applicable | - | No | - | No | - | No SPS |
| NERLDC/GD/17/05/012 | Loktak Unit 2 | NHPC | NHPC | - | 13-05-2017 10:13:00 | 13-05-2017 10:57:00 | Over-frequency | - | Not Applicable | - | No | - | No | - | No SPS |
| NERLDC/GD/17/05/012 | Loktak Unit 3 | NHPC | NHPC | - | 13-05-2017 10:13:00 | 13-05-2017 11:24:00 | Over-frequency | - | Not Applicable | - | No | - | No | - | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|-----------|----------------------|----------------------------|-----------------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/TL/17/05/054 | 220 kV BTPS - Salakati 1 Line | POWERGRID | POWERGRID | AEGCL | 13-05-2017 22:22:00 | 13-05-2017 23:25:00 | AR unsuccessful and tripped | DP, ZII, B-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| NERLDC/TL/17/05/054 | 220 kV BTPS- Salakati 2 Line | POWERGRID | POWERGRID | AEGCL | 13-05-2017 22:22:00 | 13-05-2017 23:25:00 | Y-E, Z1, E/F Y ph CT burst | DP, ZII, Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Y phase CT burst | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/055 | 220 kV BTPS - Salakati 1 Line | POWERGRID | POWERGRID | AEGCL | 14-05-2017 00:18:00 | 14-05-2017 01:09:00 | AR unsuccessful and tripped | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to fault beyond line | | | | | | | | | | | | | | |
| Remedial-Measures | Installation of differential protection to be expedited | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/056 | 132 kV AGTPP - Kumarghat 1 Line | POWERGRID | NEEPCO | POWERGRID | 14-05-2017 06:14:00 | 14-05-2017 06:23:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|--------------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|--------------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/GI/17/05/05 | AGTCCPP Unit 2 | NEEPCO | NEEPCO | - | 14-05-2017 02:59:00 | 14-05-2017 10:38:00 | Gas Detection Level High | - | Not Applicable | - | No | - | No | - | No SPS |
| NERLDC/GI/17/05/05 | AGTCCPP EXTN STG-1 | NEEPCO | NEEPCO | | 14-05-2017 02:59:00 | 14-05-2017 12:16:00 | Gas Detection Level High | - | Not Applicable | - | No | - | No | - | No SPS |
| Root Cause | Gas leakage detected | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/059 | 132 kV Aizawl - Kumarghat 1 Line | POWERGRID | POWERGRID | POWERGRID | 15-05-2017 05:22:00 | 15-05-2017 05:37:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | Yes | Yes | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Auto recloser not attempted at both ends to be checked by POWERGRID. TLSA already installed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/060 | 400 kV Balipara - Biswanath Chariali 1 Line | POWERGRID | POWERGRID | POWERGRID | 15-05-2017 14:57:00 | 15-05-2017 15:37:00 | DP, ZI, R-B | DP, ZI, R-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|-------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|----------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| NERLDC/TL/17/05/060 | 400 kV Balipara - Biswanath Chariali 3 Line | POWERGRID | POWERGRID | POWERGRID | 15-05-2017 14:57:00 | 15-05-2017 15:09:00 | DP, ZI, R-B | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped during stringing of OPGW. | | | | | | | | | | | | | | |
| Remedial-Measures | Extra care to be taken while OPGW works. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/061 | 800 kV Biswanath Chariali - Agra 1 HVDC | POWERGRID | POWERGRID | POWERGRID | 15-05-2017 23:59:00 | 16-05-2017 02:12:00 | DC earth Fault | DC earth Fault | Not Applicable | Not Applicable | No | No | No | No | Select |
| Root Cause | Tripped due to clearance problem. Yet to be attended. | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID may attend the issue at the earliest. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/062 | 220 kV Balipara - Sonabil 1 Line | POWERGRID & AEGCL | POWERGRID | AEGCL | 16-05-2017 00:43:00 | 16-05-2017 00:52:00 | DP, ZI, R-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to fault in idle charged circuit of 220 kV Sonabil-Samaguri from Sonabil. As informed by AEGCL, protection at Sonabil operated. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|--|----------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Remedial-Measures | Relay settings at Sonabil for 220 kV Sonabil-Samaguri D/C and Balipara for 220 kV Balipara - Sonabil are to be reviewed. Fault in idle charged 220 kV Sonabil-Samaguri needs to be attended. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/013 | 400 kV Palatana - Silchar 2 Line | NETCL | OTPCL | POWERGRID | 16-05-2017 08:27:00 | 16-05-2017 08:48:00 | DP, ZI, R-Y-B | DP, DEF | Not Applicable | Not Applicable | Yes | Yes | Yes | Yes | SPS II not operated |
| NERLDC/GD/17/05/013 | 132 kV AGTCCPP - Kumarghat 1 Line | POWERGRID | NEEPCO | POWERGRID | 16-05-2017 08:27:00 | 16-05-2017 08:49:00 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/05/013 | 132 kV Agartala - Dhalabil 1 Line | TSECL | TSECL | TSECL | 16-05-2017 08:27:00 | 16-05-2017 08:40:00 | Direct Trip received | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/05/013 | 132 kV Comilla - Surajmani Nagar 2 Line | POWERGRID | PGCB | TSECL | 16-05-2017 08:27:00 | 16-05-2017 09:28:00 | Not Furnished | Direct Trip received | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/05/013 | PALATANA Unit GTG-1 | OTPCL | OTPCL | | 16-05-2017 08:27:00 | 16-05-2017 13:26:00 | Due to Over Frequency | | Not Applicable | | Yes | Yes | Yes | Yes | SPS 1 operated |
| NERLDC/GD/17/05/013 | PALATANA Unit STG-1 | OTPCL | OTPCL | | 16-05-2017 08:27:00 | 16-05-2017 14:39:00 | Due to tripping of GTG-1 | | Not Applicable | | Yes | Yes | Yes | Yes | SPS 1 operated |
| NERLDC/GD/17/05/013 | PALATANA Unit GTG-2 | OTPCL | OTPCL | | 16-05-2017 08:27:00 | 16-05-2017 15:23:00 | Due to over frequency and finally tripping on Low gas fuel | | Not Applicable | | Yes | Yes | Yes | Yes | SPS 1 operated |
| NERLDC/GD/17/05/013 | PALATANA Unit STG-2 | OTPCL | OTPCL | | 16-05-2017 08:27:00 | 16-05-2017 16:35:00 | Due to tripping of GTG-2 | | Not Applicable | | Yes | Yes | Yes | Yes | SPS 1 operated |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|-------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/GD/17/05/013 | AGTCCPP Unit 2 | NEEPCO | NEEPCO | | 16-05-2017 08:27:00 | 16-05-2017 16:35:00 | Under Voltage | | Not Applicable | | Yes | Yes | Yes | Yes | No SPS |
| NERLDC/GD/17/05/013 | AGTCCPP Unit 3 | NEEPCO | NEEPCO | | 16-05-2017 08:27:00 | 16-05-2017 10:41:00 | Under Voltage | | Not Applicable | | Yes | Yes | No | No | No SPS |
| NERLDC/GD/17/05/013 | AGTCCPP Unit 4 | NEEPCO | NEEPCO | | 16-05-2017 08:27:00 | 5/16/2017 8:28 | Desynchronized | | Not Applicable | | Yes | Yes | No | No | No SPS |
| NERLDC/GD/17/05/013 | AGTCCPP EXTN Unit STG-1 | NEEPCO | NEEPCO | | 16-05-2017 08:27:00 | 5/18/2017 4:40 | Under Voltage | | Not Applicable | | Yes | Yes | No | No | No SPS |
| NERLDC/GD/17/05/013 | AGTCCPP EXTN Unit STG-2 | NEEPCO | NEEPCO | | 16-05-2017 08:27:00 | 16-05-2017 16:15:00 | Under Voltage | | Not Applicable | | Yes | Yes | No | No | No SPS |
| Root Cause | Fault in differential protection zone of Bus reactor at Silchar during OPGW work. Zone-1 of DPR at Palatana over-reached. | | | | | | | | | | | | | | |
| Remedial-Measures | Settings has been changed by OTPC as per recommendation of subgroup | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/014 | 132 kV Loktak - Ningthoukhong 1 Line | MSPCL | NHPC | MSPCL | 16-05-2017 20:58:00 | 16-05-2017 21:12:00 | Over current | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|-------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Remedial-Measures | Vegetation clearance to be done. Relay coordination of downstream of Ningthoukhong to be done by MSPCL. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/063 | 220 kV Misa - Samaguri 1 Line | POWERGRID | POWERGRID | AEGCL | 17-05-2017 11:09:00 | 17-05-2017 11:18:00 | DP, ZII, R-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/05/063 | 220 kV Misa - Samaguri 2 Line | POWERGRID | POWERGRID | AEGCL | 17-05-2017 11:09:00 | 17-05-2017 11:20:00 | DP, ZII, R-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/05/063 | 220 kV Jawaharnaga - Sarusajai 1 Line | AEGCL | AEGCL | AEGCL | 17-05-2017 11:09:00 | 17-05-2017 11:28:00 | DP, ZIII, R-E | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/05/63 | 220 kV Samaguri - Sonabil 1 Line | AEGCL | AEGCL | AEGCL | 17-05-2017 11:09:00 | ##### | Not Furnished | DP,ZII,R-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Root cause could not be concluded. | | | | | | | | | | | | | | |
| Remedial-Measures | DR to be submitted by AEGCL. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/015 | 132 kV Loktak - Ningthoukhong 1 Line | MSPDCL | NHPC | MSPCL | 17-05-2017 15:10:00 | 17-05-2017 15:26:00 | Over current | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|----------------|----------------------|-----------------------------|-------------------|-------|---------------------------|-------|--|-------|-----------------------------------|--------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done. Relay coordination of downstream of Ningthoukhong to be done by MSPCL. | | | | | | | | | | | | | | |
| NERLDC/GI/17/05/006 | AGTCCPP Unit 2 | NEEPCO | NEEPCO | ##### | 20-05-2017 13:26:00 | Control oil pressure low | No | No | No | No | No | No | No | No SPS | |
| Root Cause | | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/UI/17/05/004 | AGTCCPP EXTN Unit STG-1 | NEEPCO | NEEPCO | 5/18/2017 5:01 | 18-05-2017 05:59:00 | High exhaust steam pressure | No | No | No | No | No | No | No | No SPS | |
| Root Cause | Tripped during staring process | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|-----------------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/GI/17/05/07 | AGTCCPP EXTN Unit STG-1 | NEEPCO | NEEPCO | | 5/18/2017 6:12 | 18-05-2017 06:59:00 | High exhaust steam pressure | | No | No | No | No | No | No | No SPS |
| Root Cause | Tripped during staring process | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/064 | 132 kV PKBari - Silchar 1 Line | POWERGRID | TSECL | POWERGRID | 19-05-2017 04:47:00 | 19-05-2017 05:18:00 | DP, ZI, Y-E | DP, ZI, Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/GI/17/05/08 | AGTCCPP Unit 3 | NEEPCO | NEEPCO | | 5/20/2017 1:16 | 20-05-2017 05:37:00 | Cooling system failure | | No | No | No | No | No | No | No SPS |
| NERLDC/GI/17/05/08 | AGTCCPP Unit 4 | NEEPCO | NEEPCO | | 5/20/2017 1:16 | 20-05-2017 03:40:00 | Cooling system failure | | No | No | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|---------------|-------------------------|-----------|----------------------|----------------------------|-----------------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/GI/17/05/008 | AGTCCPP EXTN Unit STG-2 | NEEPCO | NEEPCO | | 5/20/2017 1:16 | 20-05-2017 10:03:00 | Cooling system failure | | No | No | No | No | No | No | No SPS |
| Root Cause | Cooling fan tripped | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GI/17/05/009 | AGTCCPP EXTN Unit STG-2 | NEEPCO | NEEPCO | | ##### | 20-05-2017 15:52:00 | High exhaust steam pressure | | No | No | No | No | No | No | No SPS |
| Root Cause | High exhaust steam pressure | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/065 | 400 kV Byrnihat - Silchar 1 Line | NETC & MePTCL | MePTCL | POWERGRID | 20-05-2017 12:33:00 | 20-05-2017 12:49:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Vegetation fault in MePTCL section near gantry | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/070 | 400 kV Balipara - Bongaigaon 4 Line | POWERGRID | POWERGRID | POWERGRID | 24/05/17 18:30 | 24/05/17 18:52 | DP, ZII, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/071 | 220 kV BTPS - Salakati 1 Line | POWERGRID | AEGCL | POWERGRID | 24/05/17 18:15 | 24/05/17 19:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to fault beyond line | | | | | | | | | | | | | | |
| Remedial-Measures | DPR settings at BTPS to be reviewd by AEGCL in consultation with POWERGRID. Installation of differential protection to be expedicted | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/072 | 400 kV Balipara - Bongaigaon 4 Line | POWERGRID | POWERGRID | POWERGRID | 25/05/17 00:38 | 25/05/17 00:45 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Successful operation | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|---------------|-------------------------|-----------|----------------------|----------------------------|-------------------|----------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Tripped due to lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/073 | 400 kV Byrnihat - Silchar 1 Line | NETC & MePTCL | MePTCL | POWERGRID | 25/05/17 04:13 | 25/05/17 04:28 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Lightning fault. Auto recloser at Byrnihat is not working and DT command is being sent to Silchar end after 300 milliseconds of single phase trip. As informed by POWERGRID, there is a stage-2 low SF6 pressure issue with B-Phase circuit breaker at Byrnihat which is giving the DT command to Silchar end. | | | | | | | | | | | | | | |
| Remedial-Measures | Circuit breaker Low SF-6 pressure issue at Byrnihat is to be rectified by MePTCL at the earliest. Installation of TLSA by NETC to be expedited. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/074 | 132 kV Gelyphu - Salakati 1 Line | POWERGRID | BPCL, Bhutan | POWERGRID | 25/05/17 19:57 | 26/05/17 20:57 | No tripping | DP, ZII, R-B-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|--------------------------|---|---------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/TL/17/05/075 | 800 kV Biswanath Chariali - Agra 1 HVDC | POWERGRID | POWERGRID | POWERGRID | 25/05/17 23:28 | 27/05/17 10:02 | DC line fault | DC line fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to clearance problem. Yet to be attended. | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID may attend the issue at the earliest. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/076 | 220 kV AGBPP - Mariani (PG) 1 Line | POWERGRID | NEEPCO | POWERGRID | 26/05/17 19:58 | 26/05/17 20:34 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped for fault beyond protected line. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay setting at Mariani needs to be reviewed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/077 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP, Nagaland | POWERGRID | DoP, Nagaland | 27/05/17 11:48 | 27/05/17 11:54 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|---------------|-------------------------|---------------|----------------------|----------------------------|------------------------------|------------------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP Nagaland | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/078 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP, Nagaland | POWERGRID | DoP, Nagaland | 27/05/17 11:58 | 28/05/17 10:40 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP Nagaland | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/079 | 800 kV Biswanath Chariali - Agra 1 HVDC | POWERGRID | POWERGRID | POWERGRID | 27/05/17 12:44 | 27/05/17 13:02 | Metallic return ground fault | Metallic return ground fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to clearance problem. Yet to be attended. | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|-------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Remedial-Measures | POWERGRID may attend the issue at the earliest. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/080 | 132 kV Jiribam - Loktak 2 Line | POWERGRID | POWERGRID | NHPC | 27/05/17 16:56 | 28/05/17 17:39 | DP, ZII, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/016 | 132 kV Loktak - Rengpang 1 Line | MSPCL | NHPC | MSPCL | 27/05/17 17:18 | 27/05/17 19:21 | DP, ZII, R-Y-B | DP, ZI, R-Y-B | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MSPCL | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|--------|----------------------|----------------------------|--------------------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/GD/17/05/017 | 132 kV Loktak - Ningthoukhong 1 Line | MSPCL | NHPC | MSPCL | 28/05/17 14:36 | 28/05/17 15:15 | Over current | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MSPCL. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/081 | 132 kV Dimapur - Doyang 1 Line | POWERGRID | POWERGRID | NEEPCO | 28/05/17 18:35 | 28/05/17 18:40 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Maloperation of Earth fault relay at Doyang | | | | | | | | | | | | | | |
| Remedial-Measures | Relay settings at Doyang to be reviewed | | | | | | | | | | | | | | |
| NERLDC/GI/17/05/010 | AGTCCPP Unit 4 | NEEPCO | NEEPCO | | 23/05/17 04:37 | 23/05/17 15:21 | Due to high lub oil temprature | | No | | No | | No | | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|-------------------|-------------------------|-------|----------------------|----------------------------|--------------------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/GI/17/05/010 | AGTCCPP EXTN Unit STG-2 | NEEPCO | NEEPCO | | 23/05/17 04:37 | 24/05/17 00:18 | Due to high lub oil temprature | | No | | No | | No | | No SPS |
| Root Cause | Cooling fan tripped | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GI/17/05/011 | KHANDONG Unit 2 | NEEPCO | NEEPCO | | 28/05/17 13:36 | 28/05/17 17:03 | Rotor Earth Fault | | No | | No | | No | | No SPS |
| Root Cause | Carbon dust deposits on slip ring | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/082 | 220 kV Balipara - Sonabil 1 Line | POWERGRID & AEGCL | POWERGRID | AEGCL | 29/05/17 10:11 | 29/05/17 10:29 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|-------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Root Cause | Due to fault in idle charged circuit of 220 kV Sonabil-Samaguri from Sonabil. As informed by AEGCL, protection at Sonabil operated. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay settings at Sonabil for 220 kV Sonabil-Samaguri D/C and Balipara for 220 kV Balipara - Sonabil are to be reviewed. Fault in idle charged 220 kV Sonabil-Samaguri needs to be attended. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/083 | 132 kV Motonga - Rangia 1 Line | BPC, Bhutan | BPC, Bhutan | AEGCL | 29/05/17 12:51 | 29/05/17 14:35 | Not Furnished | No tripping | Not Applicable | Not furnished | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/084 | 132 kV Dimapur - Imphal 1 Line | POWERGRID | POWERGRID | POWERGRID | 29/05/17 15:29 | 29/05/17 16:44 | DP, ZI, R-Y-E | DP, ZI, R-Y-E | Not furnished | Not furnished | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Root Cause | Tripped due to vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/085 | 132 kV Imphal - Silchar 2 Line | POWERGRID | POWERGRID | POWERGRID | 30/05/17 08:59 | 30/05/17 09:16 | Not Furnished | DP, ZI, B-E | Not Applicable | Not furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | AR facility at both ends to be checked by POWERGRID. Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/086 | 132 kV Imphal - Silchar 2 Line | POWERGRID | POWERGRID | POWERGRID | 30/05/17 09:20 | 30/05/17 09:36 | DP, ZI, B-E | DP, ZI, B-E | Not furnished | Not furnished | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|-------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | AR facility at both ends to be checked by POWERGRID. Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/018 | 132 kV Loktak - Ningthoukhong 1 Line | MSPCL | NHPC | MSPCL | 30/05/17 12:04 | 30/05/17 12:46 | DP, ZI, R-Y-B-E | DP, ZI, R-E | Not furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MSPCL. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/089 | 132 kV Jiribam - Loktak 2 Line | POWERGRID | POWERGRID | NHPC | 30/05/17 13:06 | 30/05/17 13:17 | No tripping | DP, ZI, R-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | Auto recloser not attempted at both ends to be checked by POWERGRID. Installation of TLSAs will be done shortly as informed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/090 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 30/05/17 14:54 | 30/05/17 15:30 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | A tree from uphill side fell in the line corridor between Loc 197 - 198 causing clearance problem. | | | | | | | | | | | | | | |
| Remedial-Measures | The same has been cleared. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/019 | 132 kV Aizawl - Zungtui 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 30/05/17 15:11 | 30/05/17 15:35 | DP, ZI, Y-E | Earth Fault | Not Furnished | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Root Cause | Tripped due to loose OPGW. | | | | | | | | | | | | | | |
| Remedial-Measures | The same has been corrected | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/020 | 132 kV Aizawl - Zungtui 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 30/05/17 16:00 | 30/05/17 16:15 | DP, ZI, Y-E | Earth Fault | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to loose OPGW. | | | | | | | | | | | | | | |
| Remedial-Measures | The same has been corrected | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/091 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 30/05/17 15:46 | 30/05/17 16:37 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|---------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Root Cause | A tree from uphill side fell in the line corridor between Loc 197 - 198 causing clearance problem. | | | | | | | | | | | | | | |
| Remedial-Measures | The same has been cleared. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/021 | 132 kV Loktak - Rengpang 1 Line | MSPCL | NHPC | MSPCL | 30/05/17 14:39 | 01/06/17 09:56 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MSPCL | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/022 | 132 kV Dimapur (PG) - Dimapur (Nagaland) 2 Line | DoP, Nagaland & POWERGRID | POWERGRID | DoP, Nagaland | 30/05/17 17:44 | 30/05/17 17:58 | Over current | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|---------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Root Cause | Downstream fault | | | | | | | | | | | | | | |
| Remedial-Measures | Downstream relay coordination at Dimapur to be done by DoP Nagaland in consultation with POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/092 | 132 kV Doyang - Mokokchung (Nagaland) 1 Line | DoP, Nagaland | NEEPCO | DoP, Nagaland | 30/05/17 19:20 | 30/05/17 19:50 | No tripping | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault. Relay indication is to be checked. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP Nagaland | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/023 | 132 kV Dimapur (PG) - Dimapur (Nagaland) 2 Line | DoP, Nagaland & POWERGRID | POWERGRID | DoP, Nagaland | 30/05/17 19:28 | 30/05/17 19:46 | Over current | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|-------------------------|-------------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Root Cause | Downstream fault | | | | | | | | | | | | | | |
| Remedial-Measures | Downstream relay coordination at Dimapur to be done by DoP Nagaland in consultation with POWERGRID | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/024 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 31-05-2017 09:40:00 | 02-06-2017 22:33:00 | No tripping | Directional Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/05/24 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | POWERGRID | MePTCL | POWERGRID | 31/05/17 09:40 | 02/06/17 12:31 | No tripping | DP, ZI, B-E | Not Applicable | Not furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/05/024 | 132 kV Khandong - Khliehriat 1 Line | POWERGRID | NEEPCO | POWERGRID | 31/05/17 09:40 | 31/05/17 10:07 | Directional Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|-------------------|--|------------|-------------------------|-------|----------------------|----------------------------|-------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | DR to be furnished by AGTCCPP. Relay settings at AGTCCPP,Kumarghat,Agartala to be reviewed by NEEPCO in consultation with POWERGRID & TSECL. | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/085 | 132 kV Imphal - Silchar 2 Line | POWERGRID | POWERGRID | POWERGRID | 30/05/17 08:59 | 30/05/17 09:16 | Not Furnished | DP, ZI, B-E | Not Applicable | Not furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |
| Remedial-Measures | AR facility at both ends to be checked by POWERGRID. Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. If required, Line LA are to be installed. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/086 | 132 kV Imphal - Silchar 2 Line | POWERGRID | POWERGRID | POWERGRID | 30/05/17 09:20 | 30/05/17 09:36 | DP, ZI, B-E | DP, ZI, B-E | Not furnished | Not furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to Lightning | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

[illegible]

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Remedial-Measures | Auto recloser not attempted at both ends to be checked by POWERGRID. Installation of TLSAs will be done shortly as informed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/090 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 30/05/17 14:54 | 30/05/17 15:30 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | A tree from uphill side fell in the line corridor between Loc 197 - 198 causing clearance problem. | | | | | | | | | | | | | | |
| Remedial-Measures | The same has been cleared. | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/019 | 132 kV Aizawl - Zungtui 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 30/05/17 15:11 | 30/05/17 15:35 | DP, ZI, Y-E | Earth Fault | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to loose OPGW. | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | End A |
| Remedial-Measures | The same has been corrected | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/020 | 132 kV Aizawl - Zungtui 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 30/05/17 16:00 | 30/05/17 16:15 | DP, ZI, Y-E | Earth Fault | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to loose OPGW. | | | | | | | | | | | | | | |
| Remedial-Measures | The same has been corrected | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/091 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 30/05/17 15:46 | 30/05/17 16:37 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | A tree from uphill side fell in the line corridor between Loc 197 - 198 causing clearance problem. | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

[illegible]

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

[illegible]

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------|-------------------------|-----------|----------------------|----------------------------|-------------------------|-------------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| Remedial-Measures | Downstream relay coordination at Dimapur to be done by DoP Nagaland in consultation with POWERGRID | | | | | | | | | | | | | | |
| NERLDC/GD/17/05/024 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 31-05-2017 09:40:00 | 02-06-2017 22:33:00 | No tripping | Directional Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/05/24 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | POWERGRID | MePTCL | POWERGRID | 31/05/17 09:40 | 02/06/17 12:31 | No tripping | DP, ZI, B-E | Not Applicable | Not furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/05/024 | 132 kV Khandong - Khliehriat 1 Line | POWERGRID | NEEPCO | POWERGRID | 31/05/17 09:40 | 31/05/17 10:07 | Directional Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

| Event ID | Name of tripping element (End A-End B) | Line Owner | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hours | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------|-------------------------|-----------|----------------------|----------------------------|-------------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | END A |
| NERLDC/GD/17/05/024 | 132 kV Khandong - Khliehriat 2 Line | POWERGRID | NEEPCO | POWERGRID | 31/05/17 09:40 | 31/05/17 10:07 | Directional Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault was probably in 132 kV Khliehriat - Khliehriat -2 which was not cleared from Khliehriat (MePTCL) end. | | | | | | | | | | | | | | |
| Remedial-Measures | Earth fault Settings at Khandong to be reviewed by NEEPCO. | | | | | | | | | | | | | | |
| NERLDC/TL/17/05/093 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 31/05/17 20:26 | 31/05/17 20:39 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/05/093 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 31/05/17 20:26 | 31/05/17 20:43 | No tripping | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |

पूर्वोत्तर क्षेत्र में 01.05.17 से 31.05.17 तक की घटनाये / Events in NER Grid from 01.05.17 to 31.05.17

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/001 | 132 kV Aizawl - Kumarghat 1 Line | POWERGRID | POWERGRID | POWERGRID | 01/06/17 00:30 | 02/06/17 12:40 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Fault in line due to Vegetation problem. Trees fell on the line from up hill side due to landslide between Loc 189 - 102. | | | | | | | | | | | | | | |
| Remedial-Measures | Tree clearance already done. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/001 | 132 kV Khandong - Umranshu 1 Line | POWERGRID & AEGCL | NEEPCO | AEGCL | 01/06/17 16:19 | 01/06/17 17:06 | DP, ZI, R-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripping due to down stream fault. | | | | | | | | | | | | | | |
| Remedial-Measures | Zone-1 reach at Khandong end & relay settings of downstream of Umranshu are to be reviewed by NEEPCO & AEGCL. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/003 | 132 kV Doyang - Wokha 1 Line | DoP, Nagaland | NEEPCO | DoP, Nagaland | 02/06/17 15:18 | 02/06/17 15:44 | DP, ZI, Y-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP, Nagaland | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/004 | 132 kV Doyang - Wokha 1 Line | DoP, Nagaland | NEEPCO | DoP, Nagaland | 02/06/17 16:43 | 02/06/17 18:30 | DP, ZI, Y-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP, Nagaland | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|------------------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/G D/17/06/002 | 132 kV Balipara - Khupi 1 Line | NEEPCO & DoP, AP | POWERGRID | DoP, Arunachal Pradesh | 02/06/17 16:19 | 03/06/17 10:11 | DP, ZI, R-Y-E | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by NEEPCO & DoP, AP | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/002 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 02/06/17 20:17 | 02/06/17 20:48 | DP, ZI, B-E | DP, ZI, R-Y-B | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Lightning fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vulnerable locations to lightning to be identified by MePTCL & POWERGRID, Checking of Tower footing resistances to be done. Is required, Line LAs are to be installed. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/005 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 02/06/17 21:29 | 02/06/17 21:36 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/T L/17/06/005 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 02/06/17 21:29 | 02/06/17 21:38 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to ill-coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | Subroup requested NEEPCO to review the settings at AGTCCPP in consulation with POWERGRID. For proper realy cordination ,Relay settings of all feeders from 79 Tilla and downstream elements at 79 Tilla are required. TSECL may furnish these settings to POWERGRID/NERPC/NERLDC at the earliest. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/003 | 132 kV Monarchak - Udaipur 1 Line | TSECL | NEEPCO | TSECL | 02/06/17 21:29 | 02/06/17 21:36 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/G D/17/06/003 | 132 kV Monarchak - Rokhia 1 Line | TSECL | NEEPCO | TSECL | 02/06/17 21:29 | 03/06/17 21:51 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Fault in Tripura System. TSECL may intimate the root cause. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/004 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 02/06/17 21:55 | 02/06/17 21:59 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/G D/17/06/004 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 02/06/17 21:55 | 02/06/17 22:03 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | SPS not operated |
| Root Cause | Due to ill-coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | Subroup requested NEEPCO to review the settings at AGTCCPP in consulatation with POWERGRID. For proper realy cordination ,Relay settings of all feeders from 79 Tilla and downstream elements at 79 Tilla are required. TSECL may furnish these settings to POWERGRID/NERPC/NERLDC at the earliest. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|--------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/G D/17/06/005 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 03/06/17 14:10 | 03/06/17 14:14 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/G D/17/06/005 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 03/06/17 14:10 | 03/06/17 14:14 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/G D/17/06/005 | 132 kV Monarchak - Rokhia 1 Line | TSECL | NEEPCO | TSECL | 03/06/17 14:10 | 03/06/17 14:20 | General Trip | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/G D/17/06/005 | 132 kV Monarchak - Udaipur 1 Line | TSECL | NEEPCO | TSECL | 03/06/17 14:10 | 03/06/17 14:21 | General Trip | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to ill-coordination of relay settings at AGTCCPP.Fault in Tripura System. | | | | | | | | | | | | | | |
| Remedial-Measures | Subroup requested NEEPCO to review the settings at AGTCCPP in consulatation with POWERGRID. For proper realy cordination ,Relay settings of all feeders from 79 Tilla and downstream elements at 79 Tilla are required. TSECL may furnish these settings to POWERGRID/NERPC/NERLDC at the earliest. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/007 | 132 kV Dimapur - Doyang 1 Line | POWERGRID | POWERGRID | NEEPCO | 04/06/17 00:15 | 04/06/17 00:35 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/T L/17/06/007 | 132 kV Dimapur - Doyang 2 Line | POWERGRID | POWERGRID | NEEPCO | 04/06/17 00:15 | 04/06/17 00:35 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | No fault in the line. Power Swing was detected at Doyang but not tripped. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay Settings at Doyang,Dimapur(PG) are to be reviewed by NEEPCO & POWERGRID | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/008 | 132 kV AGTCCPP - Kumarghat 1 Line | POWERGRID | NEEPCO | POWERGRID | 04/06/17 07:34 | 04/06/17 07:42 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Likely due to instatanous Earth fault settings at AGTPP | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Over Current/Earth Fault Settings at AGTPP are to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/009 | 132 kV Palatana - Surajmaninagar 1 Line | POWERGRID | OTPCL | TSECL | 04/06/17 08:10 | 04/06/17 10:11 | DP, Z-I, R-Y-E | - | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to lightening .charging was delayed due to bad weather prevailing. | | | | | | | | | | | | | | |
| Remedial-Measures | Auto reclose not operated at both end to be checked by TSECL & OTPC. Tower Footing resistance at lightning prone areas is to be checked by POWERGRID. Measures to be taken to reduce tower footing resistance, in case, tower footing resistance value goes beyond permissible limit. TLSAs may be installed if required. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/010 | 132 kV Doyang - Mokokchung (Nagaland) 1 Line | DoP, Nagaland | NEEPCO | DoP, Nagaland | 04/06/17 00:18 | 04/06/17 09:27 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Mal-operation of E/F at Mokokchung | | | | | | | | | | | | | | |
| Remedial-Measures | Directionality of Earth fault relay at Mokokchung is to be reviewed | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-------|----------------------|----------------------------|-------------------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/G I/17/05/012 | AGBPP Unit 2 | NEEPCO | NEEPCO | | 29/05/17 15:30 | 29/05/17 20:15 | Cooling air fan motor problem | | No | | No | | No | | No SPS |
| Root Cause | Cooling fan motor problem | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified as informed by NEEPCO | | | | | | | | | | | | | | |
| NERLDC/U I/17/05/005 | Kopili st2 Unit 1 | NEEPCO | NEEPCO | | 31/05/17 09:40 | 31/05/17 10:20 | Electrical over speed | | No | | No | | No | | No SPS |
| Root Cause | Due to tripping of evacuation lines | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-------|----------------------|----------------------------|---|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/G I/17/05/013 | Khandong Unit 2 | NEEPCO | NEEPCO | | 31/05/17 12:29 | 31/05/17 17:43 | Transformer differential protection operated | | No | | No | | No | | No SPS |
| Root Cause | Operation of overall differential protection due to failure of 11 kV support insulator of Bus duct | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified as informed by NEEPCO | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/003 | Monarchak Unit 1 | NEEPCO | NEEPCO | | 02/06/17 21:29 | 02/06/17 22:59 | Due to tripping of 132 kV Monarchak-Udaipur & Monarchak-Rokhia TL | | No | | No | | No | | SPS not operated |
| NERLDC/U I/17/06/001 | Rokhia Unit 7 | TPGL | TPGL | | 02/06/17 21:59 | 02/06/17 22:29 | Due to tripping of 132 kV Rokhia-Monarchak & Rokhia-Agartala TL | | No | | No | | No | | SPS not operated |
| NERLDC/G D/17/06/004 | Rokhia Unit 8 | TPGL | TPGL | | 02/06/17 21:55 | 02/06/17 22:23 | Over Flux | | No | | No | | No | | SPS not operated |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|--------------------|---|------------------------------|-------------------------|---------------|----------------------|----------------------------|--------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Due to tripping of 132 kV Monarchak-Udaipur & Monarchak-Rokhia TL | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/U/17/06/002 | Doyang Unit 2 | NEEPCO | NEEPCO | | 03/06/17 16:45 | 03/06/17 16:58 | Loss of excitation | | No | | No | | No | | No SPS |
| Root Cause | Due to loss of excitation | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/T/17/06/011 | 132 kV Dimapur (PG) - Kohima 1 Line | POWERGRID & DoP, Nagaland | POWERGRID | DoP, Nagaland | 6/6/2017 13:10 | 6/6/2017 13:16 | Earth Fault | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Directionality of Over Current relay at Kohima to be checked. Vegetation clearance to be done | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/006 | 132 kV Loktak - Ningthoukhong 1 Line | MSPCL | NHPC | MSPCL | 6/6/2017 14:06 | 6/6/2017 14:35 | Earth Fault | No tripping | Not Applicable | Not Applicable | Yes | Yes | Yes | Yes | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done. Relay coordination of downstream of Ningthoukhong to be done by MSPCL. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/007 | 132 kV Balipara - Khupi 1 Line | NEEPCO & DoP, AP | POWERGRID | NEEPCO | 6/7/2017 10:20 | 6/7/2017 10:40 | DP, ZI, B-E | No tripping | Not furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by NEEPCO & DoP, AP | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/012 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP, Nagaland | POWERGRID | DoP, Nagaland | 6/7/2017 11:59 | 6/7/2017 12:12 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/013 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP, Nagaland | POWERGRID | DoP, Nagaland | 6/7/2017 12:24 | 6/7/2017 12:26 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|----------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/TL/17/06/014 | 132 kV Dimapur - Imphal 1 Line | POWERGRID | POWERGRID | POWERGRID | 6/7/2017 13:22 | 6/7/2017 13:33 | DP, ZI, R-Y-E | DP, ZI, R-Y-E | Not furnished | Not furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to lightening, thunder storm prevailing at Senapati area during tripping. | | | | | | | | | | | | | | |
| Remedial-Measures | Auto reclose not operated at both end to be checked by TSECL & OTPC. Tower Footing resistance at lightning prone areas is to be checked by POWERGRID. Measures to be taken to reduce tower footing resistance, in case, tower footing resistance value goes beyond permissible limit. TLSAs may be installed if required. | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/008 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 6/7/2017 13:31 | 6/7/2017 14:14 | No tripping | DP, ZII, R-Y-E | Not Applicable | Not furnished | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/06/008 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 6/7/2017 13:25 | 6/7/2017 14:14 | No tripping | DP, ZI, Y-E | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to inclement weather condition causing 132 kV Khliehriat-Lumshnong line to trip with Zone-I , 2.9KM from Khliehriat. DPR at Khliehriat(PG) over-reached. | | | | | | | | | | | | | | |
| Remedial-Measures | Operation of the distance relays at Khliehriat(PG) need to be checked by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/TL/17/06/015 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 6/7/2017 14:56 | 6/7/2017 15:18 | No tripping | DP, ZI, B-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/TL/17/06/015 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 6/7/2017 15:06 | 6/7/2017 15:15 | No tripping | DP, ZIII, Y-E | Not Furnished | Not Applicable | No | No | No | No | No SPS |

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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | DPR at Khliehriat(PG) over-reached. | | | | | | | | | | | | | | |
| Remedial-Measures | Zone-1 operation of the distance relays at Khliehriat(PG) need to be checked by POWERGRID.Defective CB trip coil at Khliehriat (MePTCL) of 132 kV Khliehriat-Leshka-1 line is to be replaced by MePTCL at the earliest. | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/009 | 132 kV Aizawl - Zungtui 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 6/7/2017 16:48 | 6/7/2017 17:08 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault in downstream of Zungtui | | | | | | | | | | | | | | |
| Remedial-Measures | Relay coordination is to be done by P & ED Mizoram in consultation with POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/010 | 132 kV BTPS - Dhaligaon 1 Line | AEGCL | AEGCL | AEGCL | 6/7/2017 21:19 | 6/7/2017 23:15 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/06/010 | 132 kV BTPS - Dhaligaon 2 Line | AEGCL | AEGCL | AEGCL | 6/7/2017 21:19 | 6/7/2017 23:15 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Vegetation fault due to infringement of Bamboo. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by AEGCL. Vulnerable tree branches/bamboos outside corridor also to be cleared. | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/011 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 6/8/2017 2:51 | 6/8/2017 4:02 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/06/011 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 6/8/2017 2:51 | 6/8/2017 4:02 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/06/011 | 132 kV AGTCCPP - Kumarghat 1 Line | POWERGRID | NEEPCO | POWERGRID | 6/8/2017 2:51 | 6/8/2017 3:40 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Likely due to instatanous Earth fault settings at AGTPP | | | | | | | | | | | | | | |
| Remedial-Measures | Over Current/Earth Fault Settings at AGTPP are to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/012 | 132 kV Kumarghat - P K Bari 1 Line | TSECL | POWERGRID | TSECL | 6/8/2017 2:51 | 6/8/2017 3:16 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/06/012 | 132 kV PKBari - Silchar 1 Line | POWERGRID | TSECL | POWERGRID | 6/8/2017 3:05 | 6/8/2017 3:18 | No tripping | DP, ZII, B-E | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/06/012 | 132 kV PK Bari- Ambasa 1 Line | TSECL | TSECL | TSECL | 6/8/2017 2:51 | 6/8/2017 3:05 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/06/012 | 132 kV PK Bari-Kamalpur 1 Line | AEGCL & TSECL | TSECL | TSECL | 6/8/2017 2:51 | 6/8/2017 3:17 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |

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|----------------------|---|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | The fault distance shown at Silchar for PK Bari-1 line was 178 Km against the line length of 127 Km. This indicates, the fault was in Tripura system.TSECL may inform the root cause. | | | | | | | | | | | | | | |
| Remedial-Measures | Protection system at P K Bari needs to be checked | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/016 | 132 kV Gelyphu - Salakati 1 Line | POWERGRID | BPC, Bhutan | POWERGRID | 6/8/2017 10:04 | 6/8/2017 10:48 | DP, ZI, R-B-E | DP, ZI, R-B-E | Not furnished | Not furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to lightening related flashover between R and B Phases. Referred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/017 | 220 kV Balipara - Sonabil 1 Line | POWERGRID & AEGCL | POWERGRID | AEGCL | 6/8/2017 11:24 | 6/8/2017 11:38 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |

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|---------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-----------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Due to fault in idle charged circuit of 220 kV Sonabil-Samaguri from Sonabil. As informed by AEGCL, protection at Sonabil operated. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay settings at Sonabil for 220 kV Sonabil-Samaguri D/C and Balipara for 220 kV Balipara - Sonabil are to be reviewed. Fault in idle charged 220 kV Sonabil-Samaguri needs to be attended. | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/013 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 1 Line | POWERGRID | MePTCL | POWERGRID | 6/8/2017 13:38 | 6/8/2017 13:55 | No tripping | DP, ZIII, Y-E | Not furnished | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/06/013 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 6/8/2017 13:38 | 6/8/2017 13:56 | No tripping | DP, ZIII, R-Y-B | Not Applicable | Not furnished | No | No | No | No | No SPS |
| NERLDC/GD/17/06/013 | 132 kV Khliehriat-MLHEP-I line | MePTCL | MePTCL | MePGCL | 6/8/2017 13:38 | 6/8/2017 14:01 | DP, ZIII, B-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/06/013 | 132 kV Khliehriat-MLHEP-II line | MePTCL | MePTCL | MePGCL | 6/8/2017 13:38 | 6/8/2017 14:01 | DP, ZI, R-Y-B | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |

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|---------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/06/013 | Leshka Unit I | MePGCL | MePGCL | | 6/8/2017 13:38 | 6/8/2017 14:32 | Over Frequency | | Not furnished | | No | | No | | No SPS |
| NERLDC/GD/17/06/013 | Leshka Unit II | MePGCL | MePGCL | | 6/8/2017 13:38 | 6/8/2017 14:16 | Over voltage | | Not furnished | | No | | No | | No SPS |
| NERLDC/GD/17/06/013 | Leshka Unit III | MePGCL | MePGCL | | 6/8/2017 13:38 | 6/8/2017 14:25 | Over Frequency | | Not furnished | | No | | No | | No SPS |
| Root Cause | Lightning fault in 132 kV Khliehriat - Leshka D/C line. Line- I CB not operated at Khliehriat(MePTCL) due to tripping coil defective | | | | | | | | | | | | | | |
| Remedial-Measures | The defective coil has been replaced with healthy one on the 8th June 2017 as informed by MePTCL. Forum suggested MePTCL to install TLSAs in 132 kV Khliehriat - Leshka D/C. | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/014 | 400 kV Azara - Silchar 1 Line | NETC & AEGCL | AEGCL | POWERGRID | 6/8/2017 14:58 | 6/8/2017 15:20 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Successful operation | No | No | No | No | SPS I operated |
| NERLDC/GD/17/06/014 | 400 kV Killing (Byrnihat) - Silchar 1 Line | NETC & MePTCL | MePTCL | POWERGRID | 6/8/2017 14:58 | 6/8/2017 15:22 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Successfull y not operated | No | No | No | No | SPS I operated |

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|----------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/G D/17/06/014 | 132 kV Badarpur - Khliehriat 1 Line | POWERGRID | POWERGRID | POWERGRID | 6/8/2017 14:58 | 6/8/2017 15:14 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | SPS I operated |
| NERLDC/G D/17/06/014 | 132 kV Dimapur - Imphal 1 Line | POWERGRID | POWERGRID | POWERGRID | 6/8/2017 14:58 | 6/8/2017 15:02 | Power Swing | No tripping | Not Applicable | Not Applicable | No | No | No | No | SPS I operated |
| Root Cause | Lightning fault. | | | | | | | | | | | | | | |
| Remedial-Measures | CB SF6 pressure low (stage 2) at Byrnihat end resulting in sending of DT for Silchar- Byrnihat line is to be rectified by MePTCL. BCU issue at Azara to be checked which resulted in AR failure needs to be attended by AEGCL. Forum suggested NETC to install TLSAs in all NETC lines. | | | | | | | | | | | | | | |

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|----------------------|---|------------------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/018 | 132 kV Dimapur - Doyang 1 Line | POWERGRID | POWERGRID | NEEPCO | 6/9/2017 2:36 | 6/9/2017 2:50 | DP, ZII, R-B-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to lightening. | | | | | | | | | | | | | | |
| Remedial-Measures | Installation of TLAs and replacement of porcelain insulators with polymer is under planning stage as informed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/019 | 132 kV Dimapur - Doyang 2 Line | POWERGRID | POWERGRID | NEEPCO | 6/9/2017 2:20 | 6/9/2017 2:55 | DP, ZI, Y-E | DP, ZI, Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to lightening. | | | | | | | | | | | | | | |
| Remedial-Measures | Installation of TLAs and replacement of porcelain insulators with polymer is under planning stage as informed by POWERGRID. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|----------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/020 | 220 kV BTPS - Salakati 1 Line | POWERGRID | AEGCL | POWERGRID | 6/10/2017 7:15 | 6/10/2017 8:35 | DP, ZII, R-Y-B | DP, ZI, R-Y-B | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| NERLDC/T L/17/06/021 | 220 kV BTPS - Salakati 2 Line | POWERGRID | AEGCL | POWERGRID | 6/10/2017 7:15 | 6/10/2017 9:05 | DP, ZII, R-Y-B | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | CT failure at BTPS end | | | | | | | | | | | | | | |
| Remedial-Measures | Already attended as informed by AEGCL. Forum requested AEGCL to perform periodic maintenance activities so that these kind of events can be avoided. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/015 | 132 kV Haflong - Umrangshu 1 Line | POWERGRID & AEGCL | POWERGRID | AEGCL | 6/10/2017 15:40 | 6/10/2017 15:51 | No tripping | DP, ZI, B-E, 8.9 Kms | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|-------|----------------------|----------------------------|-------------------|----------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Down stream fault | | | | | | | | | | | | | | |
| Remedial-Measures | Zone-1 settings of DPR at Umrangshu & Haflong are to be reviewed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/016 | 132 kV Haflong - Umrangshu 1 Line | POWERGRID & AEGCL | POWERGRID | AEGCL | 6/10/2017 16:35 | 6/10/2017 16:42 | No tripping | DP, ZI, B-E, 8.9 Kms | Not Applicable | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Down stream fault | | | | | | | | | | | | | | |
| Remedial-Measures | Zone-1 settings of DPR at Umrangshu & Haflong are to be reviewed by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/017 | 132 kV Silchar - Hailakandi 1 Line | POWERGRID | POWERGRID | AEGCL | 6/10/2017 19:47 | 6/10/2017 20:17 | DP, ZIII, Y-E | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Down stream fault | | | | | | | | | | | | | | |
| Remedial-Measures | Relay coordination of downstream of Hailakandi is to be done by AEGCL in consultation with POWERGRID. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------------|---------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/022 | 132 kV Panchgram - Silchar 1 Line | POWERGRID | AEGCL | POWERGRID | 6/11/2017 15:34 | 6/11/2017 16:20 | Auto-reclosure operated | DP, ZI, R-Y-B | Successful Opeartion | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Vegetation fault due to infringement of Bamboo. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID. Vulnerable tree branches/bamboos outside corridor also to be cleared. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/023 | 400 kV Killing (Byrnihat) - Silchar 1 Line | NETC & MePTCL | MePTCL | POWERGRID | 6/11/2017 15:29 | 6/12/2017 11:27 | DP, ZII, R-E | DP, ZI, Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to failure of LA at Silchar end. | | | | | | | | | | | | | | |
| Remedial-Measures | LA replaced | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/06/018 | 132 kV Balipara - Khupi 1 Line | NEEPCO & DoP, AP | POWERGRID | NEEPCO | 6/11/2017 15:36 | 6/11/2017 18:20 | DP, ZI, R-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by NEEPCO & DoP, AP | | | | | | | | | | | | | | |
| NERLDC/TR/17/06/001 | 220/132 kV, 160 MVA Killing (Byrnihat) - Transformer 1 | MePTCL | MePTCL | MePTCL | 6/11/2017 16:35 | 6/12/2017 10:28 | Oil Surge Relay | | Not Applicable | | No | No | No | No | No SPS |
| Root Cause | PRD mal-opearated due to cable puncture | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |

पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/024 | 132 kV Aizawl - Kumarghat 1 Line | POWERGRID | POWERGRID | POWERGRID | 6/11/2017 21:12 | 6/11/2017 21:24 | DP, ZI, R-B-E | DP, ZI, R-B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Vegetation fault due to landslide between Loc 189 - 191. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/025 | 132 kV Aizawl - Kumarghat 1 Line | POWERGRID | POWERGRID | POWERGRID | 6/11/2017 21:40 | 6/11/2017 21:54 | DP, ZI, R-B-E | DP, ZI, R-B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Vegetation fault due to landslide between Loc 189 - 191. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-------|----------------------|----------------------------|--------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/U I/17/06/03 | Loktak Unit 1 | NHPC | NHPC | | 6/7/2017 8:50 | 6/7/2017 9:10 | Excitation problem | | No | | No | | No | | No SPS |
| NERLDC/U I/17/06/04 | Loktak Unit 1 | NHPC | NHPC | | 6/7/2017 10:31 | 6/7/2017 10:46 | Excitation problem | | No | | No | | No | | No SPS |
| NERLDC/G I/17/06/017 | Loktak Unit 1 | NHPC | NHPC | | 6/7/2017 14:07 | 6/7/2017 16:29 | Loss of excitation | | No | | No | | No | | No SPS |
| Root Cause | Excitation fault | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-------|----------------------|----------------------------|------------------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/U I/17/06/005 | Monarchak Unit 1 | NEEPCO | NEEPCO | | 6/7/2017 21:39 | 6/8/2017 0:02 | Over Frequency | | No | | No | | No | | No SPS |
| Root Cause | Due to tripping of evacuation lines | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/011 | AGTCCPP Unit 2 | NEEPCO | NEEPCO | | 6/8/2017 2:51 | 6/8/2017 5:11 | Reverse Power Relay opearted | | No | | No | | No | | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------------------|-------------------------|-------|----------------------|----------------------------|--|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/06/011 | AGTCCPP Extn Unit STG-1 | NEEPCO | NEEPCO | | 6/8/2017 2:51 | 6/8/2017 9:20 | Emergency hand trip, due to tripping of all evacuating lines | | No | | No | | No | | No SPS |
| NERLDC/GD/17/06/011 | AGTCCPP Extn Unit STG-2 | NEEPCO | NEEPCO | | 6/8/2017 2:51 | 6/8/2017 9:46 | Emergency hand trip, due to tripping of all evacuating lines | | No | | No | | No | | No SPS |
| Root Cause | Due to tripping of all evacuating lines | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-------|----------------------|----------------------------|--------------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/G D/17/06/014 | Palatana Unit GTG-1 | OTPCL | OTPCL | | 6/8/2017 14:58 | 6/8/2017 20:05 | Over Frequency | | No | | No | | No | | SPS I operated |
| NERLDC/G D/17/06/014 | Palatana Unit STG-1 | OTPCL | OTPCL | | 6/8/2017 14:58 | 6/8/2017 22:47 | Over Frequency | | No | | No | | No | | SPS I operated |
| NERLDC/G D/17/06/014 | Palatana Unit GTG-2 | OTPCL | OTPCL | | 6/8/2017 14:58 | 6/8/2017 22:21 | Over Frequency | | No | | No | | No | | SPS I operated |
| NERLDC/G D/17/06/014 | Palatana Unit STG-2 | OTPCL | OTPCL | | 6/8/2017 14:58 | 6/9/2017 0:38 | Over Frequency | | No | | No | | No | | SPS I operated |
| NERLDC/G D/17/06/014 | Loktak Unit 1 | NHPC | NHPC | | 6/8/2017 14:58 | 6/8/2017 15:57 | Over Feed Relay Operated | | No | | No | | No | | No SPS |
| NERLDC/G D/17/06/014 | Loktak Unit 2 | NHPC | NHPC | | 6/8/2017 14:58 | 6/8/2017 15:41 | Over Feed Relay Operated | | No | | No | | No | | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------------------|-------------------------|-------|----------------------|----------------------------|--|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/06/014 | Loktak Unit 3 | NHPC | NHPC | | 6/8/2017 14:59 | 6/8/2017 15:25 | Over Feed Relay Operated | | No | | No | | No | | No SPS |
| NERLDC/GD/17/06/014 | AGTCCPP Unit 1 | NEEPCO | NEEPCO | | 6/8/2017 14:58 | 6/8/2017 15:13 | Under Voltage and Reverse Power Relay operated | | No | | No | | No | | No SPS |
| NERLDC/GD/17/06/014 | AGTCCPP Unit 2 | NEEPCO | NEEPCO | | 6/8/2017 14:58 | 6/8/2017 16:08 | Under Voltage and Reverse Power Relay operated | | No | | No | | No | | No SPS |
| NERLDC/GD/17/06/014 | AGTCCPP Unit 4 | NEEPCO | NEEPCO | | 6/8/2017 14:58 | 6/8/2017 14:59 | Under Voltage and Reverse Power Relay operated | | No | | No | | No | | No SPS |
| NERLDC/GD/17/06/014 | AGTCCPP Extn Unit STG-1 | NEEPCO | NEEPCO | | 6/8/2017 14:58 | 6/10/2017 2:48 | Emergency hand trip, due to tripping of all evacuating lines | | No | | No | | No | | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------------------------|-------------------------|----------------|----------------------|----------------------------|--|---------------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/06/014 | AGTCCPP Extn Unit STG-2 | NEEPCO | NEEPCO | | 6/8/2017 14:58 | 6/9/2017 5:55 | Emergency hand trip, due to tripping of all evacuating lines | | No | | No | | No | | No SPS |
| Root Cause | Grid Disturbance in Southern part of NER | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/06/026 | 132 kV Badarpur - Khliehriat 1 Line | POWERGRID | POWERGRID | POWERGRID | 13-06-2017 07:39:00 | 14-06-2017 18:55:00 | DP, ZI, R-E, 78 Kms | DP, ZI, R-E, 24 Kms | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | R - Ph conductor snapped due to falling of a tree between Loc 148 - 149 in the storm. | | | | | | | | | | | | | | |
| Remedial-Measures | Line restored on 14.06.17 | | | | | | | | | | | | | | |
| NERLDC/TL/17/06/027 | 132 kV Badarpur - Kolasib1 Line | POWERGRID | POWERGRID | P & ED Mizoram | 6/13/2017 11:59 | 6/14/2017 12:11 | DP, ZII, R-Y-E, 103.5 Kms | Not Furnished | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Fault in downstream of Kolasib | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Relay coordination of down stream stations is to be done by P & ED Mizoram in consultation with POWERGRID | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/019 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP, Nagaland & POWERGRID | POWERGRID | DoP, Nagaland | 14-06-2017 09:27:00 | 14-06-2017 20:21:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done. Relay Coordination of downstream stations to be done by DoP,Nagaland | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/020 | 132 kV Loktak - Ningthoukhong 1 Line | MSPCL | NHPC | MSPCL | 14-06-2017 14:51:00 | 14-06-2017 15:02:00 | DP, ZI, R-Y-B | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault in the line. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MSPCL. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
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| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/028 | 132 kV Motonga - Rangia 1 Line | POWERGRID | BPC, Bhutan | AEGCL | 17-06-2017 12:55:00 | 17-06-2017 13:25:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/029 | 132 kV Motonga - Rangia 1 Line | POWERGRID | BPC, Bhutan | AEGCL | 6/18/2017 22:39 | 6/18/2017 23:33 | Not Furnished | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T/17/06/030 | 132 kV Motonga - Rangia 1 Line | POWERGRID | BPC, Bhutan | AEGCL | 19-06-2017 00:51:00 | 19-06-2017 01:12:00 | Not Furnished | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Referred to NLDC | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/021 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 19-06-2017 02:44:00 | 19-06-2017 03:00:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/GD/17/06/021 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 19-06-2017 02:44:00 | 19-06-2017 03:07:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/G D/17/06/021 | 132 kV Palatana - Surajmaninagar 1 Line | POWERGRID | OTPCL | TSECL | 19-06-2017 02:44:00 | 19-06-2017 03:04:00 | DP, ZIII, R-E | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault in Tripura System. TSECL may intimate the root cause. Unwanted tripping of 132 kV Agartala - AGTCCPP D/C due to ill-co-ordination. | | | | | | | | | | | | | | |
| Remedial-Measures | Subroup requested NEEPCO to review the settings at AGTCCPP in consulatation with POWERGRID. For proper realy cordination ,Relay settings of all feeders from 79 Tilla and downstream elements at 79 Tilla are required. TSECL may furnish these settings to POWERGRID/NERPC/NERLDC at the earliest. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/031 | 132 kV Khandong - Khliehriat 1 Line | POWERGRID | NEEPCO | POWERGRID | 19-06-2017 02:41:00 | 19-06-2017 03:12:00 | DP, ZII, R-Y-E | DP, ZI, R-Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Lightning fault. | | | | | | | | | | | | | | |
| Remedial-Measures | TLSA already installed by POWERGRID at selected locations. 100% will be covered shortly as informed by POWERGRID.Auto recoser not attempted at both ends.Needs to be checked by POWERGRID. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|---|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/06/022 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP, Nagaland & POWERGRID | POWERGRID | DoP, Nagaland | 19-06-2017 12:00:00 | 19-06-2017 12:13:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Directionality of Over Current relay at Kohima to be checked. Vegetation clearance to be done | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/023 | 132 kV Loktak - Rengpang 1 Line | MSPCL | NHPC | MSPCL | 20-06-2017 08:08:00 | 20-06-2017 08:47:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by MSPCL. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/032 | 220 kV Balipara - Sonabil 1 Line | POWERGRID & AEGCL | POWERGRID | AEGCL | 22-06-2017 10:58:00 | 22-06-2017 11:10:00 | DP, ZI, Y-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to fault in idle charged circuit of 220 kV Sonabil-Samaguri from Sonabil. As informed by AEGCL, protection at Sonabil operated. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay settings at Sonabil for 220 kV Sonabil-Samaguri D/C and Balipara for 220 kV Balipara - Sonabil are to be reviewed. Fault in idle charged 220 kV Sonabil-Samaguri needs to be attended. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/033 | 800 kV Biswanath Chariali - Agra 2 HVDC | POWERGRID | POWERGRID | POWERGRID | 22-06-2017 09:12:00 | 22-06-2017 09:44:00 | Not Furnished | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to mal-operation of VESDA system at BNC. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/G D/17/06/024 | 132 kV Imphal (MSPCL) - Imphal (PG) 1 Line | POWERGRID | MSPCL | POWERGRID | 23-06-2017 11:04:00 | 23-06-2017 11:17:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/G D/17/06/024 | 132 kV Imphal (MSPCL) - Imphal (PG) 2 Line | POWERGRID & MSPCL | MSPCL | POWERGRID | 23-06-2017 11:04:00 | 23-06-2017 11:13:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped for fault in Imphal - Karong feeder. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay coordination of downstream of Imphal(MSPCL) is to be done by MSPCL in consultation with POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/025 | 132 kV Imphal (MSPCL) - Imphal (PG) 1 Line | POWERGRID | MSPCL | POWERGRID | 23-06-2017 13:04:00 | 23-06-2017 13:11:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/G D/17/06/025 | 132 kV Imphal (MSPCL) - Imphal (PG) 2 Line | POWERGRID & MSPCL | MSPCL | POWERGRID | 23-06-2017 13:04:00 | 23-06-2017 13:12:00 | Earth Fault | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped for fault in Imphal - Karong feeder. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|------------------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Relay coordination of downstream of Imphal(MSPCL) is to be done by MSPCL in consultation with POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/034 | 220 kV Balipara - Sonabil 1 Line | POWERGRID & AEGCL | POWERGRID | AEGCL | 23-06-2017 12:58:00 | 23-06-2017 13:20:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to fault in idle charged circuit of 220 kV Sonabil-Samaguri from Sonabil. As informed by AEGCL, protection at Sonabil operated. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay settings at Sonabil for 220 kV Sonabil-Samaguri D/C and Balipara for 220 kV Balipara - Sonabil are to be reviewed. Fault in idle charged 220 kV Sonabil-Samaguri needs to be attended. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/026 | 132 kV Along - Pasighat 1 Line | DoP, Arunachal Pradesh | DoP, Arunachal Pradesh | DoP, Arunachal Pradesh | 23-06-2017 15:15:00 | 23-06-2017 16:00:00 | Not Furnished | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | DoP AP may intimate the root cause. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/035 | 400 kV Balipara - Biswanath Chariali 1 Line | POWERGRID | POWERGRID | POWERGRID | 24-06-2017 06:17:00 | 24-06-2017 06:23:00 | No tripping | DP, ZII, Y-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/T L/17/06/035 | 400 kV Balipara - Biswanath Chariali 2 Line | POWERGRID | POWERGRID | POWERGRID | 24-06-2017 06:17:00 | 24-06-2017 06:32:00 | O/V (Stg-I) | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Y-N Lightning fault occurred in 400 kV Balipara-Biswanath Chariali -1 line. CB at Balipara auto reclosed. Distance shown at BLP 0.7 Km. Tripping of 400 kV Balipara-Biswanath Chariali-2 was un wanted. Relay settings to be reviewed. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay settings at Balipara to be reviewed by POWERGRID at the earliest. AR facility at both ends to be checked by POWERGRID.Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/036 | 400 kV Balipara - Biswanath Chariali 4 Line | POWERGRID | POWERGRID | POWERGRID | 24-06-2017 06:19:00 | 24-06-2017 06:44:00 | DP, ZI, R-E | DP, ZII, R-E | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | R-N Lightning fault occurred in 400 kV Balipara-BNC -4 . Dist shown at BLP 12.7 Km. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | AR facility at both ends to be checked by POWERGRID.Vulnerable locations to lightning to be identified by POWERGRID, Checking of Tower footing resistances to be done. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/027 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 24-06-2017 10:04:00 | 24-06-2017 10:11:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/G D/17/06/027 | 132 kV Palatana - Udaipur 1 Line | TSECL | OTPCL | TSECL | 24-06-2017 10:05:00 | 24-06-2017 10:27:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to ill-coordination of relay settings at AGTCCPP | | | | | | | | | | | | | | |
| Remedial-Measures | Subroup requested NEEPCO to review the settings at AGTCCPP in consulatation with POWERGRID. For proper realy cordination ,Relay settings of all feeders from 79 Tilla and downstream elements at 79 Tilla are required. TSECL may furnish these settings to POWERGRID/NERPC/NERLDC at the earliest. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/037 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 24-06-2017 13:45:00 | 24-06-2017 14:07:00 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | The line tripped many times due to a tree falling from up hill side due to land slide and coming in proximity to conductor at a distance of 12 Km from Aizawl. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|---------------|----------------------|----------------------------|-----------------------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID. Vulnerable tree branches/bamboos outside corridor also to be cleared. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/038 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 24-06-2017 14:24:00 | 24-06-2017 14:36:00 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | The line tripped many times due to a tree falling from up hill side due to land slide and coming in proximity to conductor at a distance of 12 Km from Aizawl. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID. Vulnerable tree branches/bamboos outside corridor also to be cleared. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/028 | 132 kV Doyang - Wokha 1 Line | DoP, Nagaland | NEEPCO | DoP, Nagaland | 24-06-2017 16:45:00 | 24-06-2017 17:45:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Downstream fault | | | | | | | | | | | | | | |
| Remedial-Measures | Directionality of E/F relay at Wokhia to be reviewed by DoP Nagaland | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/039 | 800 kV Biswanath Chariali - Agra Pole 2 HVDC | POWERGRID | POWERGRID | POWERGRID | 25-06-2017 06:27:00 | 25-06-2017 12:13:00 | Protective Z block order operated | Not Furnished | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | OSR relay of Converter Transformer mal-operated at Agra. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/040 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 25-06-2017 14:01:00 | 25-06-2017 14:12:00 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | The line tripped many times due to a tree falling from up hill side due to land slide and coming in proximity to conductor at a distance of 12 Km from Aizawl. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID. Vulnerable tree branches/bamboos outside corridor also to be cleared. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/041 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 25-06-2017 15:35:00 | 25-06-2017 15:50:00 | DP, ZI, R-E | DP, ZII, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | The line tripped many times due to a tree falling from up hill side due to land slide and coming in proximity to conductor at a distance of 12 Km from Aizawl. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID. Vulnerable tree branches/bamboos outside corridor also to be cleared. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/042 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 25-06-2017 16:08:00 | 26-06-2017 16:15:00 | DP, ZI, R-E | DP, ZII, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | The line tripped many times due to a tree falling from up hill side due to land slide and coming in proximity to conductor at a distance of 12 Km from Aizawl. | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/043 | 132 kV Khliehriat (MePTCL) - Khliehriat (PG) 2 Line | MePTCL | MePTCL | POWERGRID | 25-06-2017 23:46:00 | 26-06-2017 00:00:00 | No tripping | DP, ZIII, R-E | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Fault in Meghalaya system cleared at Khliehriat (PG). | | | | | | | | | | | | | | |
| Remedial-Measures | POWERGRID & MePTCL may review DPR settings at Khliehriat (PG) & Khliehriat (MePTCL). | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/044 | 132 kV Badarpur - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 25-06-2017 23:46:00 | 25-06-2017 23:59:00 | DP, ZII, R-E | Not Furnished | Not Furnished | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|-------|----------------------|----------------------------|-----------------------------|-------|---------------------------|-------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Vegetation fault due to infringement. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID. Vulnerable tree branches/bamboos outside corridor also to be cleared. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/021 | Monarchak Unit 1 | NEEPCO | NEEPCO | | 19-06-2017 02:44:00 | 19-06-2017 04:15:00 | System Instabilty | | No | | No | | No | | No SPS |
| NERLDC/G D/17/06/021 | Rokhia Unit 7 | TPGL | TPGL | | 19-06-2017 02:44:00 | 19-06-2017 03:19:00 | Loss of voltage | | No | | No | | No | | No SPS |
| NERLDC/G D/17/06/021 | Rokhia Unit 8 | TPGL | TPGL | | 19-06-2017 02:44:00 | 19-06-2017 03:19:00 | Earth Fault 2nd stage | | No | | No | | No | | No SPS |
| NERLDC/G D/17/06/021 | Rokhia Unit 9 | TPGL | TPGL | | 19-06-2017 02:44:00 | 19-06-2017 03:19:00 | Standby Earth Fault | | No | | No | | No | | No SPS |
| Root Cause | Due to Grid Disturbance | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/G I/17/06/018 | Khandong Unit 2 | NEEPCO | NEEPCO | | 24-06-2017 03:28:00 | 24-06-2017 13:13:00 | Generator Rotor earth fault | | No | | No | | No | | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|-------------|---------------------------|---------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Carbon dust deposit in slip ring | | | | | | | | | | | | | | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/027 | Monarchak Unit 1 | NEEPCO | NEEPCO | | 24-06-2017 10:02:00 | 24-06-2017 13:03:00 | Loss of voltage | | No | | No | | No | | No SPS |
| Root Cause | System Disturbance | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/TL/17/06/045 | 132 kV P K Bari - Silchar 1 Line | POWERGRID | TSECL | POWERGRID | 26-06-2017 01:29:00 | 30-06-2017 20:05:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Due to snapping of conductor in the ERS tower. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Rectified | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/046 | 132 kV Motonga - Rangia 1 Line | BPC, Bhutan | BPC, Bhutan | AEGCL | 26-06-2017 10:50:00 | 26-06-2017 11:16:00 | DP, ZIII, B-E | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Probably tripped for downstream fault of Rangia S/S. | | | | | | | | | | | | | | |
| Remedial-Measures | AEGCL may coordinate relay settings of downstream of Rangia. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/047 | 132 kV Motonga - Rangia 1 Line | BPC, Bhutan | BPC, Bhutan | AEGCL | 26-06-2017 12:10:00 | 26-06-2017 12:45:00 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Probably tripped for downstream fault of Rangia S/S. | | | | | | | | | | | | | | |
| Remedial-Measures | AEGCL may coordinate relay settings of downstream of Rangia. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/048 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 26-06-2017 16:51:00 | 27-06-2017 16:24:00 | DP, ZI, R-E | Not Furnished | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | The line tripped many times due to a tree falling from up hill side due to land slide and coming in proximity to conductor at a distance of 12 Km from Aizawl. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID. Vulnerable tree branches/bamboos outside corridor also to be cleared. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/049 | 132 kV AGTCCPP - Kumarghat 1 Line | POWERGRID | NEEPCO | POWERGRID | 26-06-2017 17:17:00 | 26-06-2017 17:27:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Likely due to instatanous Earth fault settings at AGTPP | | | | | | | | | | | | | | |
| Remedial-Measures | Over Current/Earth Fault Settings at AGTPP are to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/050 | 132 kV Aizawl - Jiribam 1 Line | POWERGRID | POWERGRID | POWERGRID | 26-06-2017 17:28:00 | 26-06-2017 17:46:00 | DP, ZI, R-Y-E | DP, ZI, R-Y-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Lightning fault. | | | | | | | | | | | | | | |
| Remedial-Measures | Installation of Line LA are already installed. AR facility at both ends to be checked by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/051 | 132 kV Agartala - AGTCCPP 1 Line | POWERGRID | TSECL | NEEPCO | 26-06-2017 17:37:00 | 26-06-2017 17:45:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Likely due to instatanous Earth fault settings at AGTPP | | | | | | | | | | | | | | |
| Remedial-Measures | Over Current/Earth Fault Settings at AGTPP are to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|--------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/052 | 132 kV Agartala - AGTCCPP 2 Line | POWERGRID | TSECL | NEEPCO | 26-06-2017 17:37:00 | 26-06-2017 17:46:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Likely due to instatanous Earth fault settings at AGTPP | | | | | | | | | | | | | | |
| Remedial-Measures | Over Current/Earth Fault Settings at AGTPP are to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/029 | 132 kV Kumarghat - P K Bari 1 Line | TSECL | POWERGRID | TSECL | 26-06-2017 17:15:00 | 26-06-2017 17:51:00 | No tripping | Earth Fault | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Likely due to instatanous Earth fault settings at AGTPP | | | | | | | | | | | | | | |
| Remedial-Measures | Over Current/Earth Fault Settings at AGTPP are to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/053 | 220 kV Balipara - Sonabil 1 Line | POWERGRID & AEGCL | POWERGRID | AEGCL | 27-06-2017 02:53:00 | 27-06-2017 03:17:00 | DP, ZI, B-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Due to fault in idle charged circuit of 220 kV Sonabil-Samaguri from Sonabil. As informed by AEGCL, protection at Sonabil operated. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Relay settings at Sonabil for 220 kV Sonabil-Samaguri D/C and Balipara for 220 kV Balipara - Sonabil are to be reviewed. Fault in idle charged 220 kV Sonabil-Samaguri needs to be attended. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/030 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP Nagaland & POWERGRID | POWERGRID | DoP, Nagaland | 28-06-2017 10:11:00 | 28-06-2017 10:20:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP, Nagaland | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/031 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP Nagaland & POWERGRID | POWERGRID | DoP, Nagaland | 28-06-2017 11:37:00 | 28-06-2017 11:51:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP, Nagaland | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/G D/17/06/032 | 132 kV AGTCCPP - Kumarghat 1 Line | POWERGRID | NEEPCO | POWERGRID | 28-06-2017 11:33:00 | 28-06-2017 11:43:00 | Over current | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| NERLDC/G D/17/06/032 | 132 kV Kumarghat - P K Bari 1 Line | TSECL | POWERGRID | TSECL | 28-06-2017 11:33:00 | 28-06-2017 11:46:00 | No tripping | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Likely due to instatanous Over Current settings at AGTPP & P K Bari | | | | | | | | | | | | | | |
| Remedial-Measures | Over Current/Earth Fault Settings at AGTPP & PK bari are to be reviewed. instantaneous element to be disabled if any | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/054 | 400 kV Palatana - Silchar 1 Line | NETCL | OTPCL | POWERGRID | 28-06-2017 12:46:00 | 28-06-2017 13:21:00 | Not Furnished | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Tripped due to infringement in the line between Loc 477 - 478. | | | | | | | | | | | | | | |
| Remedial-Measures | Infringement cleared on 18.07.17 as informed by POWERGRID | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|--|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|--------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/T L/17/06/055 | 132 kV Doyang - Mokokchung (Nagaland) 1 Line | DoP Nagaland | NEEPCO | DoP, Nagaland | 28-06-2017 13:05:00 | 28-06-2017 14:05:00 | DP, ZI, R-E | Over current | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault in the line. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by DoP, Nagaland | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/056 | 132 kV Aizawl - Kolasib 1 Line | POWERGRID | POWERGRID | P&ED, Mizoram | 28-06-2017 13:45:00 | 29-06-2017 14:17:00 | DP, ZI, R-E | DP, ZI, R-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | The line tripped many times due to a tree falling from up hill side due to land slide and coming in proximity to conductor at a distance of 12 Km from Aizawl. | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done by POWERGRID. Vulnerable tree branches/bamboos outside corridor also to be cleared. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|---------------------|--|------------------------------|-------------------------|------------------------|----------------------|----------------------------|-------------------|-----------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| NERLDC/GD/17/06/033 | 132 kV Along - Pasighat 1 Line | DoP, Arunachal Pradesh | DoP, Arunachal Pradesh | DoP, Arunachal Pradesh | 28-06-2017 17:07:00 | 28-06-2017 17:35:00 | Details Awaited | Details Awaited | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | DoP AP may intimate the root cause. | | | | | | | | | | | | | | |
| Remedial-Measures | - | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/034 | 132 kV Pasighat - Roing 1 Line | POWERGRID | DoP, Arunachal Pradesh | POWERGRID | 29-06-2017 08:40:00 | 29-06-2017 10:11:00 | Earth Fault | No tripping | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to Isolator problem at Roing end. | | | | | | | | | | | | | | |
| Remedial-Measures | Isolator problem to be immediately attended by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/GD/17/06/035 | 132 kV Lekhi - Nirjuli 1 Line | DoP, AP & POWERGRID | DoP, Arunachal Pradesh | POWERGRID | 29-06-2017 12:09:00 | 29-06-2017 12:24:00 | No tripping | Over current | Not Applicable | Not Applicable | No | No | No | No | No SPS |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|-----------|----------------------|----------------------------|-------------------|---------------------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Root Cause | Tripped due to fault in Lekhi - Chimpu line. | | | | | | | | | | | | | | |
| Remedial-Measures | Relay coordination to be done at Nirjuli & lekhi by POWERGRID & DoP,AP. | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/057 | 400 kV Bongaigaon - Alipurduar 1 Line | ENICL | POWERGRID | POWERGRID | 29-06-2017 13:38:00 | 29-06-2017 13:58:00 | No tripping | DT received while testing | Not Applicable | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Human error. | | | | | | | | | | | | | | |
| Remedial-Measures | Forum requested POWERGRID to take extreame care while testing of S/S equipments | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/036 | 132 kV Pasighat - Roing 1 Line | POWERGRID | DoP, Arunachal Pradesh | POWERGRID | 29-06-2017 13:25:00 | 29-06-2017 14:59:00 | DP, ZI, R-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Tripped due to Isolator problem at Roing end. | | | | | | | | | | | | | | |

वृत्तांत सूचना रिपोर्ट की पेशकश / Furnishing of Event Information Report
पूर्वोत्तर क्षेत्र में 01.06.17 से 30.06.17 तक की घटनाये / Events in NER Grid from 01.06.17 to 30.06.17

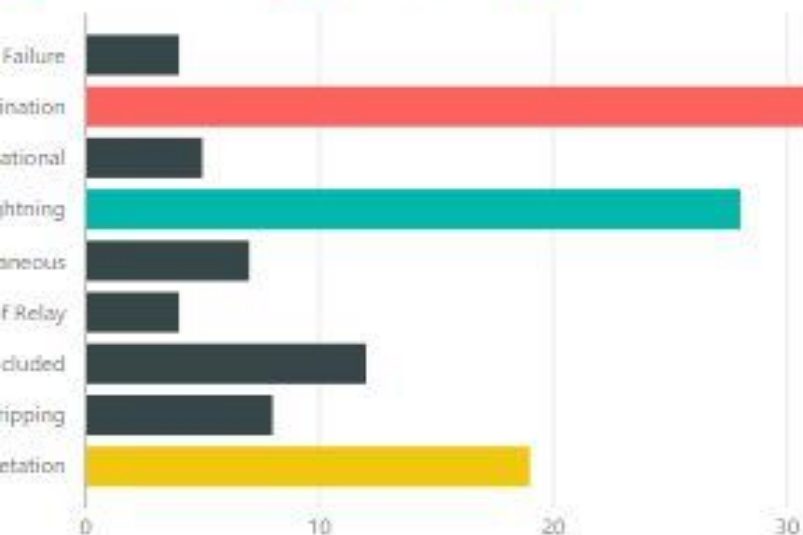
| Event ID | Name of tripping element (End A - End B) | मालिक / Owner of the element | Data To Be Furnished by | | Date & Time of Event | Date & Time of restoration | Relay indications | | Operation of Auto Reclose | | Preliminary report submitted within 24 Hrs | | DR & EL submitted within 24 Hours | | Details of SPS operation |
|----------------------|---|------------------------------|-------------------------|---------------|----------------------|----------------------------|-------------------|-------------|---------------------------|----------------|--|-------|-----------------------------------|-------|--------------------------|
| | | | End A | End B | | | End A | End B | End A | End B | End A | End B | End A | End B | |
| Remedial-Measures | Isolator problem to be immediately attended by POWERGRID | | | | | | | | | | | | | | |
| NERLDC/T L/17/06/058 | 132 kV Aizawl - Jiribam 1 Line | POWERGRID | POWERGRID | POWERGRID | 30-06-2017 11:36:00 | 30-06-2017 11:46:00 | DP, ZI, B-E | DP, ZI, B-E | Not Furnished | Not Furnished | No | No | No | No | No SPS |
| Root Cause | Lightning fault. | | | | | | | | | | | | | | |
| Remedial-Measures | Installation of Line LA are already installed. AR facility at both ends to be checked by POWERGRID. | | | | | | | | | | | | | | |
| NERLDC/G D/17/06/037 | 132 kV Dimapur (PG) - Kohima 1 Line | DoP Nagaland & POWERGRID | POWERGRID | DoP, Nagaland | 30-06-2017 13:18:00 | 30-06-2017 13:26:00 | DP, ZI, B-E | No tripping | Not Furnished | Not Applicable | No | No | No | No | No SPS |
| Root Cause | Vegetation fault | | | | | | | | | | | | | | |
| Remedial-Measures | Vegetation clearance to be done | | | | | | | | | | | | | | |

NER Grid Events

March 2017 to June 2017

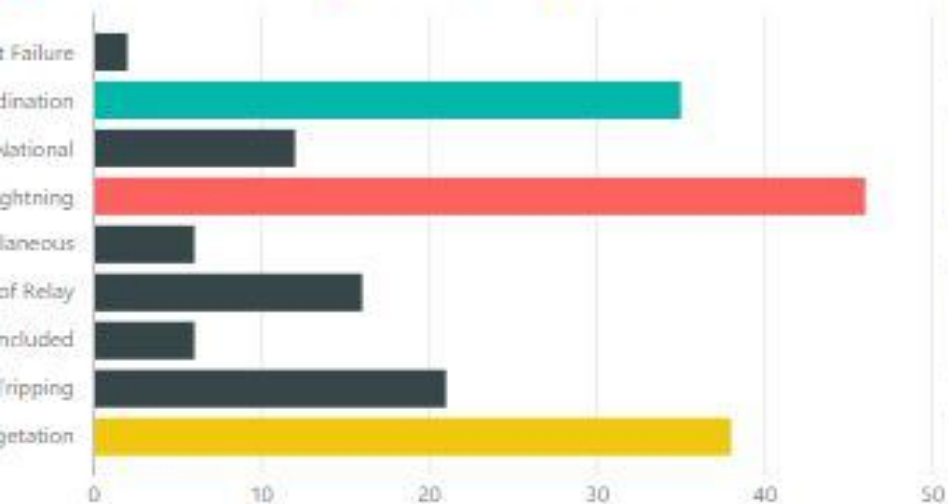
Category and Category (groups)

Improper Relay Coordination Lightning Other Vegetation



Category and Category (groups) 2

Improper Relay Coordination Lightning Other Vegetation



Equipment Failure

4

Mar-17

Improper Relay Coordination

33

Mar-17

Inter-Regional/National

5

Mar-17

Lightning

28

Mar-17

Miscellaneous

7

Mar-17

Mis-operation of Relay

4

Mar-17

Root cause not concluded

12

Mar-17

Unit Tripping

8

Mar-17

Vegetation

19

Mar-17

Equipment Failure

2

Apr-17

Improper Relay Coordination

35

Apr-17

Inter-Regional/National

12

Apr-17

Lightning

46

Apr-17

Miscellaneous

6

Apr-17

Mis-operation of Relay

16

Apr-17

Root cause not concluded

6

Apr-17

Unit Tripping

21

Apr-17

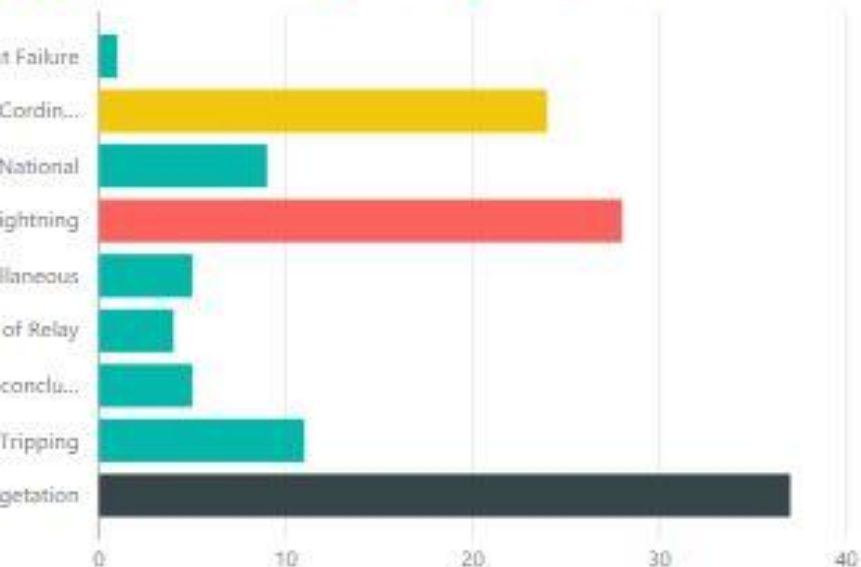
Vegetation

38

Apr-17

Category and Category (groups) 3

Improper Relay Coordination Lightning Other Vegetation



Equipment Failure

1
May-17

Improper Relay Coordination

24
May-17

Inter-Regional/National

9
May-17

Lightning

28
May-17

Miscellaneous

5
May-17

Mis-operation of Relay

4
May-17

Root cause not concluded

5
May-17

Unit Tripping

11
May-17

Vegetation

37
May-17

Equipment Failure

4
Jun-17

Improper Relay Coordination

27
Jun-17

Inter-Regional/National

9
Jun-17

Lightning

16
Jun-17

Miscellaneous

4
Jun-17

Mis-operation of Relay

6
Jun-17

Root cause not concluded

4
Jun-17

Unit Tripping

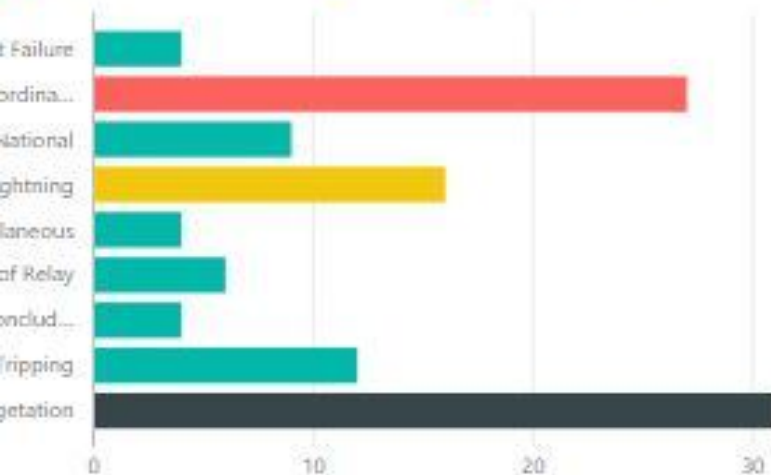
12
Jun-17

Vegetation

31
Jun-17

Category and Category (groups) 4

Improper Relay Coordination Lightning Other Vegetation



Major Events in March 2017

Tripping of **400 kV Palatana I & II lines on 20.03.17 at 13:54 Hrs**

- Transient **B-E fault** occurred in **400 kV Palatana – Silchar II line** during **stringing of OPGW**
- DPR opened the **B-Ph at both ends** and auto reclosed at Silchar after dead time, but **auto-reclosure at Palatana did not operate**
- Neutral current in 400 kV Palatana – Silchar I line
- **400 kV Palatana – Silchar I line** tripped on **directional earth fault** at Palatana **after 1.6 Sec** sending Direct Trip signal to Silchar.
- Later on, the 400 kV Palatana – Silchar II tripped at both ends on PD

Recommendations of Subgroup

- Change PD Settings at Palatana
- Change Directional E/F relay settings at Palatana & Silchar

Key points discussed in Subgroup Meeting on 18th Apr '17

Extending **DT signal from Silchar** end for Implementation of **SPS-2 at Palatana**

DR Standardization at Palatana

Unavailability of DR downloading cable at AGTCCPP

Utilities to inform **root cause of the events** with suggested **remedial measures** along with **FIR** of any event to the grid

Utilities to submit **Patrolling report** to NERPC with a copy to NERLDC in case of repeated events.

Submission of **Monthly Outage Report of +/- 800 kV HVDC**, Biswanath Chariali- Agra

Installation of Numerical Relay at Doyang HEP- NEEPCO to take help from NERTS

Major Events in April 2017

- Tripping of **400 kV Silchar-Palatana II line** at **13:05 Hrs** on **25.04.17** while **400 kV Silchar-Palatana line I** under Shutdown.

Discussions in Subgroup Meeting on 5th May17:

- **Root Cause:** falling of a tree at location 172 and 173 (i.e. Teliamura forest area)
- POWERGRID to share the **photographs** of the affected part
- Encroachment of the ROW in forest areas-**NERTS has decided to discuss this matter with Forest Department.**
- **Prior permission from NERLDC** for doing live line works as this involves auto-reclose function of DPR in non-auto mode
- **Failure of SPS-2 operation**-It was decided by the forum to conduct mock testing of SPS periodically
- **Review of relay settings of Palatana, AGTCCPP, Silchar, and critical substations in Tripura system**

. Tripping of **400 kV Silchar-Palatana II line** at 12:51 Hrs on 26.04.17 while **400 kV Silchar-Palatana line I** under Shutdown.

Discussions in Subgroup Meeting on 5th May17:

- Root Cause: **High impedance fault due to vegetation.**
- Silchar end of the line received DT- **Palatana to submit the list of settings for which DT is sent to Silchar end**
- NERTS suggested OTPC to check whether **priority scheme** is activated for Auto-recloser at Palatana end. If priority scheme is activated, then **Pole Discrepancy time** shall be as **Main=1.5s & Tie=2.5s** else **Main=1.5s & Tie=1.5s**

3. Disturbance in Southern part of NER at 19:10 Hrs on 28th Apr'17

- 400 kV Silchar - Azara line tripped at 18:42 Hrs and at 19:10 Hrs 400 kV Silchar - Byrnihat line tripped.

Discussion in Subgroup Meeting on 5th May'17

- Lightning fault resulted in tripping of 400 kV Silchar – Byrnihat line
- Reason for LBB operation at Misa – NERTS not submitted the detailed report
- Forum requested all constituents to **configure DR channels as per standards** already circulated.

Discussion in Subgroup Meeting on 17th Jul'17

- SF6 Low alarm (2nd stage) of 400 kV Silchar – Byrnihat line at Byrnihat end sends DT signal during single pole tripping mainly in R and B phases

Other Points Discussed in Subgroup Meeting
on 5th May'17

Frequent Tripping of AGTCCPP-Agartala D/C

No of Tripping in Mar'17-Apr'17: **32**

No of tripping in DPR, Zone-III at AGTCCPP: 1

No of Tripping in DPR, Zone-I at AGTCCPP: 2

E/F relay operated at AGTPP in rest of the events

Protection Audit at AGTCCPP on 30th May'17

- **E/F & Over Current-Definite Time**
- **Settings not as per recommendations of Ramakrishna task force**

Discussion in subgroup meeting on 5th May'17

- **Short Line**-Installation of differential protection or implement permissive scheme suitable for short lines with proper zone coordination
- Line length of 132 kV Agartala- AGTPP is **8.4 km**
- LDP criterion for Short line :<5 Km. for 132 kV lines
- **Relay settings of Agartala,AGTCCPP and downstream substations of Agartala to be reviewed**

Under-Voltage issue at Tripura system

- Generating stations in Tripura to change the Tap setting of the transformer and also to switch off line reactor at such time.
- High MVAR drawl by Bangladesh
- Installation of Capacitor Banks in Tripura System

Major Events in the month of May-Jun'17

- 400 kV Silchar – Palatana line II tripped on **16th May, 2017 at 08:27 Hr**

Discussion in Subgroup Meeting on 17th Jul17

- **Physical contact of foreign object** with the conductor during **OPGW work**.
- **Fault was in the line reactor differential protection zone** and **differential protection** of line reactor operated at Silchar and **cleared the fault instantaneously**.
- **Palatana end Distance relay over-reached** and had seen the fault in Zone-1 tripping the B-phase line instantaneously at Palatana end **due improper ground compensation factor at Palatana end**.
- As informed by Palatana, the **settings has been changed** and the problem is resolved
- Subgroup requested **Palatana to inform the revised settings** at the earliest

2. Tripping of 400 kV Silchar -Byrnihat S/C and 400 kV Silchar -Azara S/C at 14:58 Hrs.

Discussion in Subgroup Meeting on 17th Jul'17

- **Root Cause:** Lightning
- **SF6 Low (2nd stage)** of 400 kV Silchar – Byrnihat line at Byrnihat end sends DT signal during single pole tripping mainly in R and B phases.
- **BCU at Azara Substation restarts** after every tripping. Due to this, Auto – reclose fails and the line trips. The matter is to be taken up with ABB and resolved at the earliest.
- **SPS-3 not operated-** CBs reclosed after 1 sec at Silchar End
- SPS-3 Modification to be done by POWERGRID, AEGCL, MePTCL & OTPC as per **System Study meeting on 23rd Jun'17**

Key Points discussed in Subgroup Meeting on 17th Jul'17

Approval from NERPC, prior to changing of protection settings

Root cause analysis of the events should be done by all utilities based on the weekly events report sent by NERLDC **on weekly basis** for identifying the root cause and **take the remedial measures immediately**

Subgroup members requested NERLDC to **arrange Protection Subgroup Meeting on monthly basis.**

MePTCL & NETC may **identify the lightning prone areas** of **all the lines** owned by them to **install polymer insulators and line arrestors** at those lightning prone areas.

NERLDC requested to all constituents to **submit DR and EL output within 24 hours** of tripping for root cause analysis and for taking remedial measures immediately and to **submit the list of Event Logger installed.**

Simultaneous tripping of **132 kV Dimapur – Doyang I and II line** and **132 kV Doyang – Mokokchung line**

Installation of TLSA in 132 kV Khandong – Khleihriat I feeder.

Issue related submission of DR & EL by Owner of Bay / Owner of Sub-station

Frequent tripping of **132 kV AGTCCPP – Agartala I and II lines** and 132 kV AGTCCPP – Kumarghat line

Tripping of **220 kV Balipara – Sonabil** line due to fault in idle charged 220 kV Samaguri – Sonabili line

Issues to be discussed

Relay settings at **Azara, Samaguri, Sarusajai & Sonabil ect (220 kV substation)** to be reviewed by AEGCL in consultation with POWERGRID as lines connected to these stations tripped multiple times.

Frequent tripping of **220 kV BTPS - Salakati D/C only at BTPS end**

Tripping of 132 kV Khliehriat(PG) - Khliehriat(MePTCL) I & II in **Zone-3** at Khliehriat(PG) – **Faulty Trip Coil** Khliehriat(MePTCL) of Leshka-1 feeder

Tripping of **400 kV Balipara - Biswanath Chariali 1&2 at 06:17 Hrs on 24th Jun'17:**

Y-N Lightning fault occurred in 400 kV Balipara-Biswanath Chariali -1 line.

Unnecessary tripping of 400 kV Balipara-Biswanath Chariali -2 line

Tripping of elements during testing/OPGW works

Multiple tripping at AGBPP on 9th Apr'17