

**Northern Region-Grid Event Report for February 2020**

S.No.	Region	Name of Elements (Tripped/Manually opened)	Affected Area	Owner/ Agency	Outage		Revival		Duration	Event (As reported)	Generation Loss(MW)	Load Loss(MW)	Category as per CEA Grid Standards	Energy Unreserved (in MU)
					Date	Time	Date	Time						
1	NR	1) 400 KV CLP Jhajjar(CLP)-Dhanoda(HV) (HVPNL) Ckt-1 2) 660 MW Jhajjar(CLP) - UNIT 1	HARYANA	HVPNL	1-Feb-20	07:04	1-Feb-20	11:24	04:20	400 KV CLP Jhajjar(CLP)-Dhanoda(HV) (HVPNL) Ckt-1 tripped on B-N fault. At the same time, 660 MW Jhajjar(CLP) - UNIT 1 also tripped. As per PMU, B-N fault is observed in the system. In antecedent conditions, 400 KV CLP Jhajjar(CLP)-Dhanoda(HV) (HVPNL) Ckt-1 carrying 324MW and 660 MW Jhajjar(CLP) - UNIT 1 generating 375MW.	375	0	GD-1	0.00
2	NR	1) 400 KV Anpara-Sarnath (UP) Ckt-1 2) 400/220 kv 315 MVA ICT 1 at Sarnath(UP)	UTTAR PRADESH	UPPTCL	2-Feb-20	10:47	2-Feb-20	12:27	0.07	400 KV Anpara-Sarnath (UP) Ckt-1 tripped on R-B fault. At the same time, 315 MVA ICT 1 at 400/220KV Sarnath(UP) also tripped. As per PMU, R-B fault is observed in the system. In antecedent conditions, 400 KV Anpara-Sarnath (UP) Ckt-1 & 315 MVA ICT 1 at 400/220KV Sarnath(UP) carrying 475MW & 170MW respectively.	0	0	GI-2	0.00
3	NR	1) 132 KV Sewa_2(NH)-Kathua(PDD) (PG) Ckt-1 2) 132 KV Kathua(JK)-Mahanpur(JK) (PG) Ckt-1	J & K	J&K, NHPC & POWERGRID	3-Feb-20	20:42	3-Feb-20	21:36	00:54	132 KV Sewa_2(NH)-Kathua(PDD) (PG) Ckt-1 & 132 KV Kathua(JK)-Mahanpur(JK) (PG) Ckt-1 tripped on R-N fault on zone-3 protection. As per PMU, R-N fault with delayed clearance of 1760ms is observed in the system. In antecedent conditions, 132 KV Sewa_2(NH)-Kathua(PDD) (PG) Ckt-1 carrying 37MW.	0	100	GD-1	0.09
4	NR	1) 400 KV Bawana CCGTB(DTL)-Bahadurgarh(PG) (PG) Ckt-1 2) 400KV Bus 2 at Bawana CCGTB(DTL) 3) STG-1 at Bawana CCGTB(DTL)	DELHI	DTL & POWERGRID	11-Feb-20	14:48	11-Feb-20	16:00	01:12	Y phase CT of Tie CB 405 got blasted and 400kv Bus 2 at Bawana CCGTB(DTL) tripped due to operation of Bus Bar protection. 400 KV Bawana CCGTB(DTL)-Bahadurgarh(PG) (PG) Ckt-1 tripped due to tripping of Main CB (Tie CB already under shutdown) and STG-1 of 400KV Bawana CCGTB(DTL) also tripped. As per PMU, Y-N fault with delayed clearance is observed in the system. In antecedent conditions, 400 KV Bawana CCGTB(DTL)-Bahadurgarh(PG) (PG) carrying 158MW & STG-1 of 400KV Bawana CCGTB(DTL) generating 193MW.	190	0	GD-1	0.00
5	NR	1) 125 MVAR Bus Reactor No 1 at 400KV Koteswar(TH) 2) 400 KV Koteswar(TH)-Koteswar(PG) (PG) Ckt-2 3) 100 MW Koteswar HPS - UNIT 2 4) 100 MW Koteswar HPS - UNIT 4	UTTRAKHAND	POWERGRID, THDC	20-Feb-20	06:09	20-Feb-20	06:45	00:36	Bus bar 2 protection operated at Koteswar hydro during synchronization of Unit 4 at Koteswar. Unit 2-100 MW, 125 MVAR Bus-Reactor & 400 KV Koteswar(TH)-Koteswar(PG) (PG) Ckt-2 also tripped. As per PMU, No fault is observed in the system. In antecedent conditions, Unit#2 generating 90MW and 400 KV Koteswar(TH)-Koteswar(PG) (PG) Ckt-2 carrying 135MW.	90	0	GD-1	0.00
6	NR	1) 400 KV Rewa Road-Panki (UP) Ckt-1 2) 400 KV Panki-Aligarh (UP) Ckt-1	UTTAR PRADESH	UPPTCL	20-Feb-20	23:35	21-Feb-20	01:48	02:13	400 KV Panki-Aligarh (UP) tripped from Panki end. At the same time, 400 KV Rewa Road-Panki (UP) also tripped on overvoltage. As per PMU, Y-N fault is observed in the system. In antecedent conditions, 400 KV Panki-Aligarh (UP) & 400 KV Rewa Road-Panki (UP) carrying 65MW & 135MW respectively.	0	0	GI-2	0.00
7	NR	1) 400 KV Gorakhpur(PG)-Motihari(BS) (PG) Ckt-1 2) 400 KV Gorakhpur(PG)-Motihari(BS) (PG) Ckt-2	UTTAR PRADESH	POWERGRID	24-Feb-20	00:52	24-Feb-20	17:35	16:43	400 KV Gorakhpur(PG)-Motihari(BS) (PG) Ckt-1&2 due to Y-N fault. As per PMU, multiple Y-N faults are observed in the system. In antecedent conditions, 400 KV Gorakhpur(PG)-Motihari(BS) (PG) Ckt-1&2 carrying 175MW & 186MW respectively.	0	0	GI-2	0.00
8	NR	1) 400 KV Allahabad(PG)-Meja TPS(MUN) (PG) Ckt-2 2) 400 KV Meja TPS(MUN)-Masoli(UP) (UP) Ckt-1	UTTAR PRADESH	POWERGRID, UPPTCL	24-Feb-20	16:33	24-Feb-20	18:15	01:42	400 KV Meja TPS(MUN)-Masoli(UP) (UP) Ckt-1 tripped because of DT relieved at MEJA end. 400 KV Allahabad(PG)-Meja TPS(MUN) (PG) Ckt-2 also tripped. As per PMU, No fault observed in the system. In antecedent conditions, 400 KV Meja TPS(MUN)-Masoli(UP) (UP) Ckt-1 carrying 152MW.	0	0	GI-2	0.00
9	NR	1) 500 kv HVDC Rihand-Dadri (PG) Ckt-1 2) 400 KV Rihand(NT)-Allahabad(PG) (PG) Ckt-2	UTTAR PRADESH	POWERGRID	25-Feb-20	14:05	25-Feb-20	14:47	00:42	400 KV Rihand(NT)-Allahabad(PG)(PG) Ckt-2 tripped due to R-N fault. At the same time 500 kv HVDC Rihand-Dadri (PG) Ckt-1 also tripped due to operation of short circuit protection at Rihand end. As per PMU, R-N fault is observed in the system. In antecedent conditions, 400 KV Rihand(NT)-Allahabad(PG)(PG) Ckt-2 carrying 288MW.	0	0	GI-2	0.00
10	NR	1) 400/220 kv 315 MVA ICT 4 at Daulatabad(HV) 2) 400/220 kv 315 MVA ICT 1 at Daulatabad(HV) 3) 400/220 kv 315 MVA ICT 2 at Daulatabad(HV) 4) 400KV Bus 1 at Daulatabad(HV) 5) 400KV Bus 2 at Daulatabad(HV) 6) 400 KV Dhanoda-Daulatabad (HV) Ckt-2 7) 400 KV Gurgaon(PG)-Daulatabad(HV) (HV) Ckt-1 8) 400 KV Dhanoda-Daulatabad (HV) Ckt-1 9) 400 KV Gurgaon(PG)-Daulatabad(HV) (HV) Ckt-2	HARYANA	HVPNL	26-Feb-20	13:26	26-Feb-20	14:48	01:22	400 kv Daulatabad(HV) - Jhajjar (APCL) ckt 1 got tripped due to B-N fault. Consequently, 400 kv Daulatabad(HV) - Jhajjar (APCL) ckt 2 and other elements connected to 400 kv Daulatabad(HV) also got tripped. As per PMU, B-N fault with delayed clearance is observed in the system. In antecedent conditions, 315 MVA ICT 1, 315 MVA ICT 2, 315 MVA ICT 3 & 315 MVA ICT 4 at Daulatabad(HV) carrying 97MW, 88MW, 95MW & 94MW respectively.	0	400	GD-1	0.59
11	NR	1) 400/220 kv 315 MVA ICT 1 at Amargarh(NRSS XXIX) 2) 400/220 kv 315 MVA ICT 2 at Amargarh(NRSS XXIX)	J&K	NRSS29 & J&K	29-Feb-20	11:29	29-Feb-20	14:38	03:09	400/220 kv 315 MVA ICT 1 & 315 MVA ICT 2 at Amargarh(NRSS XXIX) tripped due to s-4 over current operated of Amargarh Ziankot line. As per PMU, R-N fault is observed in the system In antecedent conditions, 400/220 kv 315 MVA ICT 1 & 315 MVA ICT 2 at Amargarh(NRSS XXIX) carrying 177MW each.	0	280	GD-1	0.91

**Western Region-Event Report for February 2020**

S.No	Region	Name of Elements	Owner/Agency	Outage		Revival		Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Category as per CEA standards	Energy Unserviced (MU)
				Date	Time	Date	Time	Time					
1	WR	Tripping of 1.400 kV Ranchodpura Bus 1 2.400 kV Ranchodpura- Dehgam 1&2 3.400 kV Ranchodpura-Bhachau 1 4.400 kV Ranchodpura-Chorania 1&2 5.400 kV Ranchodpura-Veloda 6.400 kV Ranchodpura-Kansari 7.400 kV/ 220 kV Ranchodpura ICTs 2,3&4	GETCO	5-Feb-20	14:32	5-Feb-20	14:49	00:17	400 kV Ranchodpura Bus 2 was under planned outage for AMP work from 10:23 Hrs/05.02.2020. 400 kV Ranchodpura Bus 1 and all connected elements tripped on B/B protection operation due to kite thread which got stuck up on B-Phase of Bus-1.	Nil	Nil	GI-2	Nil
2	WR	Tripping of 1.220 kV Chegaon-Khandwa 2 2.220 kV Chegaon- Nirmani 2 3.220 kV Chegaon- Neepnagar 4.220 kV Chegaon- Omkareshwar 5.400/220 kV Chegaon ICT 1&2 6.400 kV Chegaon-Julwania	MPPTCL	7-Feb-20	06:40	7-Feb-20	07:01	00:21	220kV Khandwa- Chegaon 2 tripped on R-ph fault on Zone 1 DPR operation due to conductor snapping. 220 kV Nirmani 2, Napanagar and Omkareshwar feeders tripped from remote end on Zone 2 distance protection operation. 400/220 kV Chegaon ICT 1 tripped on Back up E/F protection operation. 400/220 kV Chegaon ICT 2 tripped on Differential protection operation for through fault. 400 kV Chegaon-Julwania also tripped during the event.	Nil	Nil	GI-1	Nil
3	WR	Tripping of 1.220 kV Jetpura-Astha 1&2 2.220 kV Jetpura- Indore 1&2 3.220 kV Jetpura-Indore North Zone( Tap) 4.220 /132 kV Jetpura ICTs 1,2&3	MPPTCL	7-Feb-20	09:25	7-Feb-20	10:23	00:58	As per information received from MP SLDC, 220/132kV 40MVA Jetpura ICT 1 caught fire 19:25 Hrs and all ICTs and feeders emanating from 220kV Jetpura (Indore MP) substation tripped.	Nil	400	GD-1	0.3867
4	WR	Tripping of 1.400 kV Kolhapur(PG) Bus 2 2.400 kV Kolhapur(PG)-Kolhapur 1&2 3.400 kV Kolhapur(PG)-Mapusa 1	PGCIL	7-Feb-20	13:00	7-Feb-20	13:43	00:43	At 400 kV Kolhapur (PG) s/s, CB testing of 404 bay(Kudgi 2 Main bay) was going on. DCRM was completed and timing test was in progress before the event. At 12:59 Hrs, DC source-2 E/F alarm appeared in the SCADA system. At 13:00 Hrs, DC Source-1 E/F appeared and with DC source 2 E/F already present in the system, tripping of the 400 kV Bus 2 occurred alongwith all the connected elements on gas zone detection relay operation. 407(Kolhapur 1) and 410 (Kolhapur 2) Main bays connected to Bus 1 also tripped due to input received from gas zone detection relay.	Nil	Nil	GI-2	Nil
5	WR	Tripping of 1.220kV Tarapur 1&2- Vapi 2.220kV Tarapur 1&2- Boisar(M) 3.220kV Tarapur 1&2- Bhilad 4.220kV Tarapur 1&2- Tarapur 3&4 5.220kV TAPS 1&2 Bus-3. 6.Tarapur Unit-4	NPCIL	8-Feb-20	17:11	8-Feb-20	17:44	00:33	At 17:11 Hrs, B phase fault on 220 kV Tarapur-Bhilad was cleared at Bhilad end but the DPR at TAPS end did not operate and the fault was fed by the other connected elements. 220 kV Tarapur-Boisar tripped on Backup protection from Tap 1&2 end. 220 kV Tarapur-Vapi tripped at Vapi end only on Backup protection. With de-energization of 220 kV Bus 3(with the opening of bus sectionalizer) at Taps 1&2 and the tripping of 220 kV Bus coupler at TAPS 3&4, 220 kV Bus 1 at TAPS 3&4 de-energised and resulted in tripping of TAPS Unit 4.	540	Nil	GI-1	Nil
6	WR	Tripping of 1.220kV Xeldem-Ambewadi	Goa	10-Feb-20	14:54	10-Feb-20	18:44	03:50	220kV Xeldem-Ponda was under outage for bunching arrangement of 220kV Ambewadi-Ponda (AP-II) line with 220kV PXR-I line from 06:34 Hrs on 10-02-2020. 220kV Xeldem-Ambewadi tripped at 14:54 on Y-B fault resulted in blackout of Xeldem substation.	Nil	80	GD-1	0.0800
7	WR	Tripping of 1.220kV Khadoli-Sayali 2.220kV Khadoli-Vaghchhipa	DNH	10-Feb-20	15:25	10-Feb-20	16:05	00:40	220kV Kala-Khadoli-1 was under forced outage from 06:05 Hrs on 10-02-2020. Emergency outage of 220kV Kala-Khadoli-2 which was on multi circuit tower was facilitated on request of DNH to restore 220kV Kala-Khadoli-1 at 15:24:40 Hrs. At 15:24:56 Hrs, R phase Jumper of 220 kV Khadoli-Vaghchhipa got open at location 59 and created R-Y phase fault causing tripping of 220 khadoli-Vagchhipa and 220 kV Khadoli-Sayali.	Nil	250	GD-1	0.1667
8	WR	Tripping of 1.400 kV MB Power-Jabalpur 1 2.600 MW MB Power Unit 1	MB Power	22-Feb-20	16:16	22-Feb-20	16:55	00:39	Emergency shutdown on 400 kV MB Power - Jabalpur -2 along with A/R of ckt-1 was availed by Powergrid at 10:14hrs for attending damaged conductor between span 16-17 and at loc no 208. At 16:16hrs 400 kV MB Power -Jabalpur ckt-1 tripped on R-E fault leading to blackout at 400 kV MB Power Station.	540	Nil	GD-1	Nil

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

**Southern Region-Grid Event Report for February 2020**

Sl. No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generation Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Energy Unserved (MU)
				Date	Time (Hrs)	Date	Time (Hrs)	Time					
1	SR	i. 220kV ITPL - Hoody ii. 220kV EPIP-ITPL	KPTCL	20-Feb-20	00:30	20-Feb-20	01:02	32 mins	Complete outage of 220kV EPIP and ITPL stations of KPTCL: Triggering incident was tripping of 220kV ITPL - Hoody line on Y-phase cable termination fault. Tripping of incoming feeder resulted in complete loss of supply at 220kV EPIP and 220kV ITPL stations.	----	125 MW	GD-1	0.07
2	SR	i. 400kV Raichur - Mahboobnagar 400Raichur - BTPS 400kV Raichur - Munirabad	ii. iii. KPCL	10-Feb-20	03:31	10-Feb-20	09:53	6 hrs 22 mins	Tripping of Bus-2 at 400kV Raichur: Bus-2 at 400kV Raichur tripped on operation of bus bar protection due to heavy surface conduction at switchyard. 400kV Raichur-Manubnagar, 400kV Raichur - BTPS and 400kV raichur - Munirabad lines tripped during th event.	----	----	GI-2	-----

**Eastern Region-Grid Event Report for February 2020**

Sl. No.	Region	Name of major elements tripped	Owner / Agency	Outage		Revival		Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Loss of Energy(in MU)
				Date	Time	Date	Time	Time					
1	ERLDC	220 kV Bidhannagar Waria D/C 220 kV Bidhannagar DPL D/C 220 kV Bidhannagar Asansol S/C 220 kV Bidhannagar JK Nagar S/C 220 kV Bidhannagar BkTPP D/C 2 x 315MVA 400/220kV ICTs at Bidhannagar 3 x160MVA 220/132kV ICTs at Bidhannagar Unit #7 and #8 at DPL	WBSETCL	1-Feb-20	21:05	1-Feb-20	21:35	00:30	At 21:05 hrs both 220kV buses at Bidhannagar S/S tripped on Bus differential protection due to failure of 220kV Bus Coupler CT resulting into tripping of all 220kV outgoing feeders connected at Bidhannagar, 2 x 315MVA 400/220kV ICTs at Bidhannagar, 3 x 160MVA 220/132kV ICTs at Bidhannagar and two running units (unit #7 & #8) of DPL due to loss of evacuation path. There is a load loss of approx. 300 MW around Bidhannagar, DPL embedded area and Ukhra.	350	300	GD-1	0.1500
2	ERLDC	220 kV Muzaffarpur - Hajipur D/C 220 kV Hajipur - Amnour D/C	BSPTCL	9-Feb-20	12:53	9-Feb-20	13:38	00:45	At 12:53 hrs, 220 KV Muzaffarpur-Hajipur D/C tripped due to bus bar protection operation at Hazipur leading to tripping of all feeders connected to 220 KV Hajipur S/S, causing load loss at Hajipur, Amnour, Siwan, Chhapra, Hathua, New Siwan(Raghunathpur) & Gopalganj (traction load loss of approx. 25MW at Hajipur, Siwan, Chhapra)	0	183	GD-1	0.1373
3	ERLDC	220 kV Hajipur - Amnour D/C	BSPTCL	10-Feb-20	17:32	10-Feb-20	17:52	00:20	At 17:32 hrs, 220 KV Hajipur-Amnour D/c tripped leading to load loss of 142 MW at Amnour, Siwan, Chhapra, Hathua, New Siwan(Raghunathpur) & Gopalganj (traction load loss of approx. 15MW at Siwan, Chhapra).	0	142	GD-1	0.0473
4	ERLDC	220 KV Kharagpur-Vidyasagar Park D/c 220 KV Kharagpur-Egra D/c 3 x 315 MVA 400/220 KV ICTs at Kharagpur 2 x 160 MVA 220/132 KV ICTs at Kharagpur	WBSETCL	11-Feb-20	08:33	11-Feb-20	09:19	00:46	220 KV Kharagpur-Midnapur D/c under planned shutdown. At 08:33 Hrs, LBB of 220 KV Kharagpur-Vidyasagar Park I operated due to closing of earth switch at Kharagpur end resulting into tripping of both 220 KV buses at Kharagpur and total power failure at Vidyasagar Park and Egra.	0	43	GD-1	0.0330
5	ERLDC	HVDC Talcher-Kolar Pole-2	ISTS	17-Feb-20	17:38	17-Feb-20	18:32	00:54	On 17th Feb 2020, at 17:38 hrs HVDC Talcher-Kolar Pole-2 tripped due to persistent DC line fault. Before tripping the flow on Bipole was 2000 MW and in post outage, flow on Pole-1 jumped to 1250 MW from 1000 MW. After 30 seconds, it came down to 1000 MW and after 75 seconds, flow through the link was 150 MW as per ground return scheme. Due to generation of SPS-3 signal, generation backdown of 666 MW occurred at Talcher. At same time, generation reduction occurred at GMR and JITPL also.	836	0	GI-2	0.0000
6	ERLDC	Unit 1 & 2 at MPL	ISTS	20-Feb-20	06:14	20-Feb-20	12:25	06:11	Both the units at MPL was running with 525 MW generation. At 6:14:02 hrs. CW pump 1A,1C and ACW Pump 1A Tripped followed by initiation of Vacuum Very low trip signal at 06:14:54 hrs and subsequently tripping of turbine resulted tripping of unit #1 at MPL on Class – B protection. At 6:14:00 hrs. MFT of unit #2 occurred due to loss of all fuel as all 6.6KV and 415V bus section got Tripped .	1050	0	GI-2	0.0000
7	ERLDC	220 kV Tashiding - New Melli S/C 220 kV Tashiding - Rangpo S/C 220 kV Rangpo - New Melli - S/C	ISTS	25-Feb-20	08:14	25-Feb-20	08:58	00:44	At 08:14 hrs 220 kV Tashiding - New Melli S/C, 220 kV Tashiding - Rangpo S/C, 220 kV Rangpo - New Melli - S/C tripped resulting total power failure at New Melli and Tashiding S/S and tripping of unit #2 at Tashiding due to loss of evacuation path. At the time of the incident, heavy thunderstorm and inclement weather were reported.	48.5	0	GD-1	0.0000

**North Eastern Region-Grid Disturbances Report for February 2020**

Sl. No.	Region	Name of Element	Owner / Agency	Date and Time of Tripping	Date and Time of Revival	Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Generati on Loss in MU	Load Loss in MU	Category as per CEA Grid Standards
1	NER	132 kV Monarchak-Rokhia line	TSECL	20-Feb-20 12:42	20-Feb-20 13:01	0:19:00	Udaipur area of Tripura Power System & Monarchak Power Station were connected with rest of NER Grid through 132 kV Monarchak - Rokhia Line. 132 kV Palatana - Udaipur Line was under Planned S/D w.e.f 07:10 hrs of 18.02.20. At 12:42 Hrs on 20.02.20, 132 kV Monarchak - Rokhia Line tripped. Due to tripping of this element, Udaipur area of Tripura Power System & Monarchak Power Station were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	58	26	0.018	0.008	GD 1
2	NER	132 kV Balipara-Tenga Line	DoP, Arunachal Pradesh	24-Feb-20 13:33	24-Feb-20 13:57	0:24:00	Khupi area of Arunachal Pradesh Power System and Dikshi Power Station were connected with rest of NER Grid through 132 kV Balipara - Tenga line. At 13:33 Hrs on 24.02.2020, 132 kV Balipara - Tenga line tripped. Due to tripping of this element, Khupi area of Arunachal Pradesh Power System and Dikshi Power Station were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch in this area.	4	24	0.0016	0.0096	GD 1
3	NER	132 kV Lumshnong - Panchgram line	AEGCL & MePTCL	25-Feb-20 23:56	26-Feb-20 00:17	0:21:00	Lumshnong area of Meghalaya Power System was connected with rest of NER Grid through 132 kV Lumshnong - Panchgram line (132 kV Lumshnong - Khleihriat line was kept open to control over loading of 132 kV Umiam 1 - Umium 3 D/C since 19.02.20). At 23:56 Hrs on 25.02.2020, 132 kV Lumshnong - Panchgram line tripped. Due to tripping of this element, Lumshnong area of Meghalaya Power System was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	21	0	0.0070	GD 1

**North Eastern Region-Grid Incidences Report for February 2020**

Sl. No.	Region	Name of Element	Owner / Agency	Date and Time of Tripping	Date and Time of Revival	Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Generation Loss in MU	Load Loss in MU	Category as per CEA Grid Standards
1	NER	BgTPP Unit -3	NTPC	03-Feb-20 11:35	03-Feb-20 12:15	0:40:00	BgTPP Unit-3 tripped at 11:35 Hrs on 03-02-20 due to Loss of Fuel. Revision done from Block No.50 on 03-02-20.	240	0	0.160	0	GI 2
2	NER	AGBPP Unit- 2 & 4	NEEPCO	06-Feb-20 01:42	06-Feb-20 02:45	1:03:00	AGBPP Unit-2 & 4 tripped at 01:42 Hrs on 06-02-20 due to Tripping of Gas Compressor. Revision done from Block No.12 on 06-02-20.	56	0	0.060	0	GI 2
3	NER	AGBPP Unit- 6	NEPCO	07-Feb-20 10:28	07-Feb-20 11:15	0:47:00	AGBPP Unit-6 tripped at 10:28 Hrs on 07-02-20 due to Oil Leakage in Retchet Motor. Revision done from Block No.46 on 07-02-20.	29.5	0	0.030	0	GI 2
4	NER	AGBPP Unit- 2	NEEPCO	08-Feb-20 12:32	08-Feb-20 13:30	0:58:00	AGBPP Unit-2 tripped at 12:32 Hrs on 08-02-20 due to due to tripping of Gas Compressor IV. Revision done from Block No.55 on 08-02-20.	30	0	0.030	0	GI 2
5	NER	AGBPP Unit- 6	NEEPCO	17-Feb-20 08:25	17-Feb-20 9:00	0:35:00	AGBPP Unit-6 tripped at 08:25 Hrs on 17-02-20 due to tripping of Air Cooled Condenser Fans. Revision done from Block No.37 on 17-02-20.	20	0	0.010	0	GI 2
6	NER	Palatana Module- 2	OTPC	19-Feb-20 03:41	19-Feb-20 04:30	0:49:00	Palatana Module 2 tripped at 03:41 Hrs on 19-02-20 due to Rotor earth fault in GTG . Revision done from Block No 19 on 19-02-20.	341	0	0.280	0	GI 2
7	NER	AGBPP Unit- 2	NEEPCO	19-Feb-20 13:00	19-Feb-20 13:45	0:45:00	AGBPP Unit-2 tripped at 13:00 Hrs on 19-02-20 due to tripping of Gas compressor . Revision done from Block No.56 on 19-02-20.	28	0	0.050	0	GI 2
8	NER	AGBPP Unit-2	NEEPCO	22-Feb-20 12:45	22-Feb-20 13:30	0:45:00	AGBPP Unit- 2 tripped at 12:45 Hrs on 22-02-20 due to tripping of gas compressor-3. Revision done from Block No 55 on 22-02-20.	26.7	0	0.020	0	GI 2