

Major Grid Events for October 2017_Northern Region

S. 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 Standard	Energy Unserved (in MU)
				Date	Time	Date	Time	Time					
1	NR	1.400 kV Bhadla(RVPNL)-Bikaner(RVPNL) 1 2.400 kV Bikaner-Suratgarh 3.400 kV Bhadla(RVPNL)-Bikaner(RVPNL) 2 4.400 kV Bikaner-Merta	RRVPNL	10-08-2017	21:20:00	10-08-2017	22:47:00	1:27	400 kV Bikaner-Suratgarh line tripped on B-N fault (8.65 KM from Bikaner end.2). 400kV Bikaner-Bhadla D/C tripped on Over voltage. 400kV Bikaner-Merta also tripped at the same time, reason awaited. From PMU, max dip observed in B-phase and slight dip in voltage observed after 5 sec.	0	0	G12	
2	NR	1.400 kV Alaknanda HEP - Vishnuprayag - 2 2.400 kV Alaknanda HEP - Muzaffarnagar - 2 3.400 kV Meerut(PG)-Muzaffarnagar(UP) 4.400 kV Muzaffarnagar(UP)-Roorkee(PG) 5.400 kV Muzaffarnagar-Vishnuprayag 1 6.400/220 kV Muzaffarnagar 315 MVA ICT 1 7.400/220 kV Muzaffarnagar 315 MVA ICT 3 8.400/220 kV Muzaffarnagar 315 MVA ICT 2 9.400 kV Muzaffarnagar 400 kV Bus 2	UPPTCL/ PGCIL	10-09-2017	12:02:00	10-09-2017	15:28:00	3:26	While transferring 400kV Muzaffarnagar-Roorkee line from Main Bus to Transfer bus, earth switch of line isolator (B-phase) was wrongly operated, leads to tripping all the lines connected at Muzaffarnagar station on bus bar protection. It leads to evacuation constraints for Vishnuprayag, Alaknanda generation. Generation also tripped and finally after offloading of connected 400kV lines, these lines tripped on over voltage From PMU, Max dip in B phase observed.	550	350	GD1	0.0875
3	NR	1.400 kV Abdullapur(PG)-Bawana(DTL) 1 2.400 kV Bawana(DTL)-Mandola(PG) 1 3.400 kV Bawana(DTL)-Mandola(PG) 2 4.400 kV Bawana(DTL)-Dipalpur(HVPNL) 5.400 kV Bawana-Bawana(GT) 2 6.400 kV Bawana-Bawana(GT) 1 7.400 kV Bawana(GT)-Bhiwani (PG) 8.400 kV Bahadurgarh(PG)-Bawana(GT) 9.CCGT Unit 1 &3 10.CCGT STG Unit 1 11.400/220 kV Bawana 315 MVA ICT 6 12.400/220 kV Bawana 315MVA ICT-4 13.400/220 kV Bawana 315 MVA ICT 3 14.400/220 kV Bawana 315 MVA ICT 2 15.400/220 kV Bawana 315 MVA ICT 5 16.400/220 kV Bawana 315 MVA ICT 1	PGCIL/DTL	14-10-2017	10:19:00	14-10-2017	13:05:00	2:46	Heavy sparking was observed in the 6.6 KV Auxiliary Panel Room of GT Module II.Due to stuck of R phase Breaker of HVCB of Unit #4 (which was being used for aux supply via back charging) which resulted into initiation of LBB. Again due to blocking of Bus-bar protection bus bar protection was not operated and all the 400kV lines tripped from remote end in Z-2/Z-3 or back up protection. Huge explosion in Station Auxiliary Transformer # 4 also occurred. Complete Black Out occurred in PPS – III, Bawana-CCGT abd Bawana DTL From PMU, Max dip observed in R phase. and fault clearing time approx 560ms	445	550	GD1	0.1375
4	NR	1.400 kV Daultabad(HVPNL)-Gurgaon(PG) -1 2.400 kV Bhiwadi-Gurgaon 3.400/220 kV Gurgaon 315 MVA ICT 1 4.400 kV Gurgaon 400 kV Bus 1	HVPNL/ PGCIL	16-10-2017	10:25:00	16-10-2017	12:32:00	2:07	At Gurgaon station,Bus-1 isolator of ICT-4 was wrongly configured with Bus bar (external trip). Which resulted into tripping of all elements connected to Gurgaon Bus-1 From PMU, Slight dip in voltage observed in all three phases. No significant dip in voltage, It was maloperation of Bus Bar protection due to wiring issue at Guragon PG	0	0	G12	

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				Date	Time	Date	Time	Time					
5	NR	1.400/220 kV Panipat 450 MVA ICT 2 2.400/220 kV Panipat 450 MVA ICT 1 3.220kV Panipat-Thermal-1 4.220kV Panipat-Thermal-4	BBMB	21-10-2017	12:09:00	21-10-2017	12:53:00	0:44	Snapping of Y phase conductor of 220kV Panipat-Panipat Thermal ckt-4 at Thermal end, leads to tripping of 220kV Panipat-Thermal ckt 1&4 in Z-2 and 450MVA ICT 1 & 2 on back E/F protection respectively. From PMU, Max dip observed in Y phase and fault clearing time approx 1000ms	0	400	GD1	0.1
6	NR	1.800 kV HVDC Champa(WR) - Kurukshetra(NR) line -1 2.800 kV HVDC Champa(WR) - Kurukshetra(NR) line -2	PGCIL	23-10-2017	21:21:00	23-10-2017	22:33:00	1:12	800kV HVDC Champa- Kurukshetra Pole-2 tripped on Commutation failure and 800kV HVDC Champa-Kurukshetra Pole 1 tripped on external block From PMU,Max dip observed in R phase and fault clearing time approx 1000ms .	0	0	GI2	
7	NR	1.400 kV Aligarh - Muradnagar 2.400 kV Aligarh - Panki	UPPTCL	24-10-2017	13:56:00	24-10-2017	17:27:00	3:31	Y phase to earth fault occurred in 400kV Muradnagar-Aligarh line near by 400kV Aligarh station. At the same time 400kV Aligarh-Panki and 400kV Muradnagar-Aligarh lines tripped. From PMU, Max dip observed in Y phase and fault clearing time approx 120msec and seems A/R occurred at one end and unsuccessful Reported, Muradnagar PLCC card burnt out.	0	0	GI2	
8	NR	1.220 kV Bhiwadi(PG)-Rewa SPL(HVPNL) 2.220 kV Bhiwadi(PG)-Kushkhera(RVPNL) 1 3.220 kV Bawal(HVPNL)-Bhiwadi(PG) 1 4.220 kV Bhiwadi(PG)-Bhiwadi(RVPNL) 1 5.220 kV Bhiwadi (PG) 220kV Bus 1	HVPNL/ PGCIL/ RRVPNL	24-10-2017	18:48:00	24-10-2017	19:35:00	0:47	Busbar protection operated on 220kV Bus-1 of 400/220kV Bhiwadi (PG) station leads to tripping of all lines connected to 220kV Bhiwadi (PG) Bus-1. From PMU, No dip observed in any phase. Seems mal operation	0	0	GI1	
9	NR	1.400 kV Anta RS - Chabra SCTPS -1 2.400 kV Anta RS - Kawai(Adani) -1 3.400 kV Anta RS - Chabra SCTPS -2	RRVPNL/Adani/Chabra TPS	25-10-2017	11:13:00	25-10-2017	12:15:00	1:02	Y phase to earth fault occurred in 400kV Anta- Kawai Line, caused tripping of 400kV Anta RS-Chabra SCTPS ckt 1&2 along with Anta Rs-Kawai ckt 1. 400kV Anta RS-Chabra SCTPS ckt 1&2 tripped on back up earth fault protection from Chabra SCTPS end. From PMU, Max dip observed in Y phase. Seems Unsuccessful A/R	660	0	GD1	

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				Date	Time	Date	Time	Time					
10	NR	1.400 kV Koteswar Pool(PG)-Koteswar(THDC) 1 2.400 kV Koteswar 400 kV Bus 1 3.400kV 100MW Unit #3	PGCIL/THDC	28-10-2017	10:11:00	28-10-2017	11:25:00	1:14	LBB operated at 400kV Koteswar (THDC) station leads to tripping of 400kV Koteswar (THDC)-Koteswar(PG) along with the unit #3 connected on 400kV Bus-1 of Koteswar (THDC). From PMU, No dip observed.	100	0	GD1	

Major Grid Events for October 2017_ Western Region

S.No	Region	Name of Elements	Owner/Agency	Outage		Revival		Outage Duration Time	Event	Generation Loss (MW)	Load Loss (MW)	Category as per CEA	Energy Unreserved (MU)
				Date	Time	Date	Time						
1	WR	Tripping of 1.400/220 kV, 315 MVA ICT 1 2.400/220 kV,315 MVA ICT 2 3.220 kV Sukha-Panagar 2 4.220 kV Sukha-Narsingh 2 5.220 kV Sukha-Jabalpur 1 6.220 kV Sukha-Jabalpur 2	MPPTCL	05-10-2017	01:02	05-10-2017	05:04	04:02	B phase conductor fell over 220 kV Main Bus 2 resulted in tripping of the mentioned elements	Nil	Nil	GI-1	Nil
2	WR	Tripping of 1.220 kV Sukha-Panagar 1 2.220 kV Sukha-Narsingh 1	MPPTCL	05-10-2017	04:05	05-10-2017	05:04	00:59	Already the other elements at 220 kV Sukha Substation tripped due to tripping of 220 kV Main Bus 2 on B phase to Earth fault at 01:02 Hrs.While charging the 400/220 kV 315 MVA ICT 1 through 220kV main bus 1, 220 kV Main Bus 1 PT burst and resulted in this tripping.	Nil	Nil	GD-1	Nil
3	WR	Tripping of 1.400 kV, 50 MVAR Bus reactor 2.400/220 kV, 500 MVA ICT 1 3.400/220 kV,500 MVA ICT 3 4.400 kV Chorania-Hadala 5.400 kV Chorania-Asoj 1 6.400 kV Chorania-Mundra 1 7.400 kV Chorania-Vadavi 1 8.400kV Chorania-Kosamba 1	GETCO	07-10-2017	08:25	07-10-2017	10:02	01:37	Y & B-PH Breaker Pole of 400KV , 50 MVAR bus reactor burst resulted in tripping of 400KV Bus - 1 with B/C and connected feeders on Bus Bar protection operation at Chorania end.	Nil	Nil	GI-2	Nil
4	WR	Tripping of 1.400 kV Bableshwar-Dhule 2 2.400 kV Bableshwar-Ektuni 1 3.400 kV Bableshwar-Aurangabad 4.400 kV Bableshwar-Padghe 2 5.400/220 kV, 315 MVA ICT 2 6.400/220 kV, 315 MVA ICT 3	MSETCL	09-10-2017	19:15	09-10-2017	21:00	01:45	400 kV Main Bus 1 tripped on Bus Bar protection operation resulted in tripping of connected feeders and ICTs.	Nil	Nil	GI-2	Nil
5	WR	Tripping of 1.220 kV Boisar(MS)-Boisar(PG) 1 2.220 kV Boisar(MS)-Boisar(PG) 3 3.220 kV Boisar(MS)-Viraj 4.220 kV Boisar(MS)-Versova 5.220/132 kV 200 MVA ICT 1 6.220/132kV 150 MVA ICT 3 7.220 kV Bus coupler	PGCIL/MSETCL	15-10-2017	16:56	15-10-2017	17:30	00:34	During test charging of 220 kV Boisar(MS)-Boisar(PG) 1, Bus bar protection operated and all the elements connected with 220 kV Bus B tripped along with Bus coupler.This leads to the overloading of 220 kV Boisar(MS)-Boisar(PG) 3 and LTS operated which gave a load relief of around 45 MW.	Nil	80.44	GI-1	0.01475
6	WR	Tripping of 1.220/132 kV 200 MVA ICT 2 2.132 kV Boisar(MS)-Palghar 1 3.132 kV Boisar(MS)-Palghar 2 4.132 kV Boisar(MS)- Viraj 5.132 kV Boisar(MS)-Lupin 6.132 kV Bus coupler	MSETCL	15-10-2017	17:25	15-10-2017	17:43	00:18	While the load restoration was taken place after LTS operation, 220/132 kV 200 MVA ICT got overloaded and at the same time LBB operated at 132 kV Bus A which leads to the tripping of 132 kV	Nil	180	GI-1	0.05400
7	WR	Tripping of 1.220 kV Osmanabad-Solapur 2.220 kV Osmanabad-Parli 3.220 kV Osmanabad-Bashi 4.220 kV Osmanabad-Paranda	MSETCL	15-10-2017	18:45	15-10-2017	19:17	00:32	During the R phase to Earth fault on 220 kV Osmanabad-Solapur line, breaker strucked at Osmanabad end due to low SF6 problem. Since LBB was not inservice the feeders mentioned were tripped from remote end.	Nil	14	GD-1	0.0075
8	WR	Tripping of 1.220 kV Tillari-Amona 2.220 kV Mahalakshmi-Amona	Goa	28-10-2017	14:16	28-10-2017	14:41	00:25	Due to the R phase to Earth fault in the Goa system both the lines tripped at Amona end only	Nil	141	GI-1	0.0807

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.

Major Grid Events for October 2017_Southern Region

S.No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration Time	Event (As reported)	Generation Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Energy Unserviced (MU)
				Date	Time	Date	Time						
1	SR	1. 220kV Srisaillam RB - Markapuram 2. 220kV Srisaillam RB - Podili 3. Srisaillam RB GT-2 4. Srisaillam RB GT-3 5. Srisaillam RB GT-4 6. Srisaillam RB GT-6	APGENCO	9-Oct-17	14:39	9-Oct-17	15:21	42 mins	Tripping at 220kV Srisaillam Right Bank leading to generation loss ~430MW.	437 MW	---	GI-1	----
2	SR	1.220kV Sedam - Humnabad line-1 & 2 2. 220kV Sedam - Tandur 3. 220kV Sedam - RTPS line-2 4. 220kV Sedam - Shahapur	KPTCL	17-Oct-17	13:20	17-Oct-17	14:49	1 hr 29 mins	220kV Sedam - Humnabad line-1 tripped on distance protection due to conductor jumper cut. All the other lines connected to Bus-2 also tripped on operation of bus-bar protection.	----	-----	GI-1	-----
3	SR	1. 400kV Nellore - Nellore PS ckt-2 2. 400kV TPCIL - Nellore PS ckt-1 3. TPCIL U#1 4. TPCIL U#2	Thermal Powertech (Sembcorp)	25-Oct-17	19:33	25-Oct-17	20:14	41 mins	Complete outage of TPCIL station following tripping of 400kV Nellore-Nellore PS line-2 and 400kV TPCIL-Nellore PS line-1. 400kv Nellore - Nellore PS line-1 and 400kV TPCIL - Nellore PS line-2 were under shutdown.	1100 MW	0	GD -1	----
4	SR	1. 400kV TPCIL - Nellore Ckt.-1 2. TPCIL U#1 3. TPCIL U#2	Thermal Powertech (Sembcorp)	30-Oct-17	21:37	30-Oct-17	21:53	16 mins	Complete outage of TPCIL station after tripping of 400kV TPCIL - Nellore line-1. 400kV TPCIL - Nellore PS line-2 was under emergency shutdown.	1265 MW	0	GD-1	----

Grid Events for October 2017_Eastern Region

Sl. No.	Region	Name of major elements	Owner / Agency	Outage		Revival		Outage Duration Time	Event	Generation Loss (MW)	Load Loss (MW)	Generation Loss in MU	Load Loss in MU	Category as per CEA Grid Standards
				Date	Time	Date	Time							
1	ERLDC	400 kv Teesta - Rangpo - II	ISTS	12-Oct-17	12:55	12-Oct-17	13:02	00:07	At 12:55 hrs, Y-N fault occurred at 400 kv Teesta - Rangpo - II. A/R operation started at Teesta end(As per Teesta V) But before A/R operation, current in Y phase at Teesta was varying between 600 A and 1.2 KA for 600 ms. At same time, voltage dip observed in Y and B phase at Binaguri PMU data. At same time, B/C at Teesta tripped due to E/F protection resulting tripping of unit III due to loss of evacuation path. (Relay Indication at Teesta: Y-N , Z-1 , F/D- 18 KM , F/C - 4.5 KA)	170	0	0.0198	0.0000	GD-I
2	ERLDC	400 kv Teesta III - Rangpo S/C	ISTS	13-Oct-17	14:39	13-Oct-17	18:13	03:34	400 kv Teesta III - Rangpo S/C tripped due to Y-B fault resulting tripping of unit I, III, IV, V & VI at Teesta III and running unit at Dikchu. Relay indication: Y-B, Z-1, 29.4 km from Teesta III, F/C 4.16 KA, 3.22 KA. (Loss of generation at Teesta III: 0.1299 MU)	750	0	2.6750	0.0000	GD-I
3	ERLDC	220 kv Mendasal - Chandaka Q/C	OPTCL	17-Oct-17	10:23	17-Oct-17	10:30	00:07	220 kv Mendasal - Chandaka Q/C tripped due to fault in 220 kv Mendasal - Chandaka - I resulting power failure at Chandaka end. Power was extended to Chandaka by charging circuit II	0	230	0.0000	0.0268	GD-I
4	ERLDC	132 kv Purnea(PG) - Purnea(BSPTCL) T/C 132 kv Purnea (PG) - Phorbisganj S/C	BSPTCL	18-Oct-17	18:19	18-Oct-17	19:01	00:42	At 18:19 hrs, 132 kv Purnea(PG) - Purnea(BSPTCL) T/C tripped (from PG end only) due to failure of B phase jumper of line isolator at Bihar end (No tripping at Bihar side) of 132 kv Purnea-Purnea - III. Simultaneously 132 kv Purnea (PG) - Phorbisganj S/C tripped on overload resulting total power failure at 132 /33kv Purnea S/5 (BSPTCL). 132 kv Khagaria & Naugachia shifted to Barauni source.	0	200	0.0000	0.1400	GD-I
5	ERLDC	400 kv Teesta III Dikchu S/C	ISTS	19-Oct-17	11:55	19-Oct-17	17:40	05:45	At 11:55 hrs , 400 kv Teesta III Dikchu S/C tripped on Y-B-N fault resulting loss of unit II at Dikchu	58	0	0.3335	0.0000	GD-I
6	ERLDC	220 kv Purnea - Madhepura D/C	BSPTCL	20-Oct-17	23:53	21-Oct-17	00:14	00:21	Total power failure occurred at Madhepura, Saharsa, Sonebarsa and Udaikishanganj after tripping of 220 kv Purnea - Madhepura D/C due to Y-N fault.	0	124	0.0000	0.0434	GD-I
7	ERLDC	132 kv Banka – Sultanganj D/C	BSPTCL	26-Oct-17	09:22	26-Oct-17	10:02	00:40	Total power failure occurred at Sultanganj, Tarapur and Part of Munger after tripping of 132 kv Banka – Sultanganj D/C in R-N fault (Relay Indication: Ckt II: R-N, F/C 2.19 KA, 41.27 km from Banka, Ckt I: R-N, 2.8 KA, 31.62 km from Banka).	0	32	0.0000	0.0213	GD-I
8	ERLDC	400 kv Teesta III – Dikchu S/C	ISTS	26-Oct-17	12:02	26-Oct-17	12:18	00:16	At 12:02 hrs, 400 kv Teesta III – Dikchu S/C along with all running units at Teesta III tripped on O/V (as reported by Teesta III) at Teesta III end. Running unit (U#1) at Dikchu tripped due to loss of evacuation path. Breaker of 400 kv Teesta III – Dikchu S/C at Dikchu end was manually opened at 12:07 hrs. No fault is observed in PMU data. Voltage at Teesta III is 409 kV(as per ERLDC SCADA data). Both the buses in Teesta III in live condition as 400 kv Teesta III – Rangpo S/C did not trip.	460	0	0.1227	0.0000	GD-I
9	ERLDC	400 kv Teesta III – Dikchu S/C	ISTS	27-Oct-17	13:17	27-Oct-17	13:47	00:30	At 13:17 hrs, 400 kv Teesta III – Dikchu S/C along with all running units at Teesta III tripped due to DC earth fault (as reported by Teesta III) at Teesta III end. Running unit (U#1) at Dikchu tripped due to loss of evacuation path. Breaker of 400 kv Teesta III – Dikchu S/C at Dikchu end was manually opened at 13:20 hrs. No fault is observed in PMU data. Voltage at Teesta III is 409 kV(as per ERLDC SCADA data). Both the buses in Teesta III in live condition as 400 kv Teesta III – Rangpo S/C did not trip.	850	0	0.4250	0.0000	GD-I
10	ERLDC	220KV BUDHIPADAR-KORBA-II, 220KV BUDHIPADAR-RAIGARH-I, 220KV IBTPS-BUDHIPADAR-I, 220KV IBTPS-BUDHIPADAR-III, 220KV TARKERA-BUDHIPADAR-I, 220KV TARKERA-BUDHIPADAR-II, 220KV BUDHIPADAR-BHUSAN-I, 220KV BUDHIPADAR-ADITYAPUR-I, 220KV BUDHIPADAR-ADITYAPUR-II, 220KV BUDHIPADAR-LAPANGA-II, 220KV BUDHIPADAR-VEDANTA-II, 220KV BUDHIPADAR-BASUNDHARA-II, 160MVA ICT-1 AT BUDHIPADAR, 220KV MAIN-I AT BUDHIPADAR	OPTCL	1-Oct-17	09:25	1-Oct-17	10:22	00:57	Prior to the incident, 220 kv Korba III feeder was in idle charged up to location 24 from Budhipadar end. At 09:25 hrs, fault occurred at idle charged portion and line tripped from Budhipadar end in Z-1 protection. At same time, all elements connected to 220 kv Bus I tripped at Budhipadar due to operation of bus bar protection. It is observed that, the fault current recorded by Korba-3 feeder in B-phase is IL3/In=15.0. The sum of the fault current contribution from all other feeder of Bus-I also found to be IL3/In=15.0. So, no differential current is available but Bus bar relay operates for Bus-1 & tripped all the feeders of Bus-I.	0	0	0.0000	0.0000	GI-I

List of Grid Disturbance for October 2017 for NER Grid

Sl. No.	Region	Name of Element	Owner / Agency	Date and Time of Tripping	Date and Time of Restoration	Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Generation Loss in MU	Load Loss in MU	Category as per CEA Grid
1	NER	132 kV Loktak - Ningthoukhong Line	MSPCL	02-Oct-17 18:21:00	02-Oct-17 18:50:00	00:29:00	Ningthoukhong area of Manipur Power System was connected with rest of NER Grid through 132 kV Loktak - Ningthoukhong line (132 kV Imphal(PG) - Ningthoukhong line & 132 kV Kakching -Kongba line kept open (reason: overloading of 132 kV Loktak-Ningthoukhong line). At 18:21 Hrs on 02.10.2017, 132 kV Loktak - Ningthoukhong line tripped. Due to tripping of this element, Ningthoukhong area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	53	0.000	0.026	GD-I
2	NER	132 kV Khandong - Khliehriat II Line, 132 kV Khandong - Kopili I & II Lines and 132 kV Khandong Umrangshu Line	POWERGRID, AEGCL & NEEPCO	03-Oct-17 15:42:00	03-Oct-17 15:55:00	00:13:00	Khandong and Kopili ST 2 Power Station and Umrangshu area of Assam Power System was connected with rest of NER grid through 132 kV Khandong - Khliehriat II line and 132 kV Khandong - Kopili I and II lines. 132 kV Haflong - Umrangshu line tripped at 15:19 Hrs and 132 kV Khandong - Khrieihriat I line tripped at 15:38 Hrs. At 15:42 Hrs, 132 kV Khandong - Khliehriat II line, 132 kV Khandong - Umrangshu line and 132 kV Khandong - Kopili I and II lines tripped. Due to tripping of these elements, Khandong and Kopili St 2 Power Station and Umrangshu area of Assam Power System were separated from rest of NER grid and subsequently collapsed due to load generation mismatch.	42	15	0.034	0.003	GD-I
3	NER	132 kV Palatana - Udaipur Line and 132 kV Monarchak - Rokhia line	OTPL, TSECL, TPGL & NEEPCO	04-Oct-17 09:37:00	04-Oct-17 09:46:00	00:09:00	Monarchak Power Station, Rabindranagar and Udaipur areas of Tripura Power System were connected with rest of NER Grid through 132 kV Monarchak - Rokhia Line and 132 kV Palatana - Udaipur Line. 66 kV Udaipur - Badarghat line, 66 kV Bagafa - Belonia line and 66 kV Amarpur - Gumti line were kept open (Cause : phase sequence issue). At 09:37 Hrs on 04.10.2017, 132 kV Palatana - Udaipur Line and 132 kV Monarchak - Rokhia Line tripped. Due to tripping of these elements, Monarchak Power Station, Rabindranagar and Udaipur areas of Tripura Power System were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	113	29	0.126	0.004	GD-I
4	NER	132 kV Balipara - Khupi Line	NEEPCO & DoP, Arunachal Pradesh	04-Oct-17 11:03:00	04-Oct-17 12:00:00	00:57:00	Khupi area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Balipara - Khupi line. At 11:03 Hrs on 04.10.2017, 132 kV Balipara - Khupi line tripped. Due to tripping of this element, Khupi area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	22	0.000	0.021	GD-I
5	NER	132 kV Haflong - Umrangshu Line and 132 kV Khandong - Umrangshu Line	POWERGRID, AEGCL and NEEPCO	07-Oct-17 09:00:00	07-Oct-17 09:42:00	00:42:00	Umrangshu area of Assam Power System was connected with rest of NER Grid through 132 kV Khandong - Umrangshu line and 132 kV Haflong - Umrangshu line. At 09:00 Hr on 07.10.17, 132 kV Khandong - Umrangshu line and 132 kV Haflong - Umrangshu line tripped. Due to tripping of these elements, Umrangshu area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	24	0.000	0.017	GD-I
6	NER	132 kV Haflong - Umrangshu Line and 132 kV Khandong - Umrangshu Line	POWERGRID, AEGCL and NEEPCO	07-Oct-17 09:55:00	07-Oct-17 10:15:00	00:20:00	Umrangshu area of Assam was connected with rest of NER Grid through 132 kV Khandong - Umrangsho line and 132 kV Haflong - Umrangsho line. At 09:55 Hr on 07.10.17, 132 kV Khandong - Umrangsho line and 132 kV Haflong - Umrangsho line tripped. Due to tripping of these elements, Umrangsho area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	18	0.000	0.006	GD-I
7	NER	132 kV Aizawl - Melriat Line	POWERGRID	08-Oct-17 16:25:00	08-Oct-17 16:48:00	00:23:00	Zuangtui area of Mizoram Power System was connected with rest of NER Grid through 132 kV Aizawl-Melriat line. At 16:25 Hrs on 08.10.2017, 132 kV Aizawl- Melriat line tripped. Due to tripping of this element, Zuangtui area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	42	0.000	0.030	GD-I
8	NER	132 kV Depota - Sonabil 1 Line and 132 kV Sonabil - Ghoramari 1 Line	AEGCL	09-Oct-17 13:32:00	09-Oct-17 13:41:00	00:09:00	Depota area of Assam Power System was connected with rest of NER Grid through 132 kV Sonabil - Depota line and 132 kV Sonabil - Ghoramari line. 132 kV Rangia-Sipajhar line & 132 kV Rangia-Rowta line kept open (Cause: Overloading of 132 kV Sonabil -Depota line). At 13:32 Hrs on 09.10.2017, 132 kV Sonabil -Depota line and 132 kV Sonabil - Ghoramari line tripped. Due to tripping of these elements, Depota area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	80	0.000	0.012	GD-I
9	NER	132 kV Aizawl - Melriat Line	POWERGRID	10-Oct-17 10:38:00	10-Oct-17 11:03:00	00:25:00	Zuangtui area of Mizoram Power System was connected with rest of NER Grid through 132 kV Aizawl-Melriat line. At 10:38 Hrs on 10.10.2017, 132 kV Aizawl- Melriat line tripped. Due to tripping of this element, Zuangtui area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	30	0.000	0.013	GD-I
10	NER	132 kV Dimapur (PG) - Kohima (DoP, Nagaland) Line	POWERGRID & DoP, Nagaland	11-Oct-17 10:52:00	11-Oct-17 11:00:00	00:08:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG) - Kohima line. 132 kV Karong - Kohima line kept idle charged from Kohima end, 132 kV Wokha - Kohima line was kept open (Cause : improper relay co-ordination of 132 kV Dimapur-Kohima-Wokha link) & 66 kV Tuensang - Likhimro line kept open (Cause : construction activities). At 10:52 Hrs on 11.10.2017, 132 kV Dimapur(PG) - Kohima line tripped. Due to tripping of this element, Capital area was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	22	14	0.003	0.002	GD-I

Sl. No.	Region	Name of Element	Owner / Agency	Date and Time of Tripping	Date and Time of Restoration	Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Generation Loss in MU	Load Loss in MU	Category as per CEA Grid
11	NER	132 kV Dimapur (PG) - Kohima (DoP, Nagaland) Line	POWERGRID & DoP, Nagaland	12-Oct-17 13:12:00	12-Oct-17 13:20:00	00:08:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG) - Kohima line. 132 kV Karong - Kohima line kept idle charged from Kohima end, 132 kV Wokha - Kohima line was kept open (Cause : improper relay co-ordination of 132 kV Dimapur-Kohima-Wokha link) & 66 kV Tuensang - Likhimro line kept open (Cause : construction activities). At 13:12 Hrs on 12.10.2017, 132 kV Dimapur(PG) - Kohima line tripped. Due to tripping of this element, Capital area was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	22	14	0.003	0.002	GD-I
12	NER	132 kV Monarchak - Rokhia I Line, 132 kV Monarchak - Udaipur 1 Line and 132 kV Agartala - Rokhia I & II Lines	NEEPCO, TSECL and TPGL	14-Oct-17 01:15:00	14-Oct-17 01:21:00	00:06:00	Monarchak Power Station, Rokhia Power Station, Rabindranagar, Boxnagar and Belonia areas of Tripura Power System were connected with rest of NER Grid through 132 kV Agartala - Rokhia I & II lines and 132 kV Monarchak - Udaipur Line. 66 kV Rokhia - Badarghat line kept open (Cause : phase sequence issue) and 66 kV Bagafa - Belonia line kept open (Cause : phase sequence issue). At 01:15 Hrs on 14.10.2017, 132 kV Agartala - Rokhia I & II lines and 132 kV Monarchak - Rokhia I Line tripped and 132 kV Monarchak - Udaipur Line hand tripped. Due to tripping of these elements, Monarchak Power Station, Rokhia Power Station, Rabindranagar, Boxnagar and Belonia areas of Tripura Power Systems were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	105	42	0.119	0.011	GD-I
13	NER	132 kV Depota - Sonabil Line and 132 kV Sonabil - Ghoramari Line	AEGCL	15-Oct-17 17:15:00	15-Oct-17 18:44:00	01:29:00	Depota area of Assam Power System was connected with rest of NER Grid through 132 kV Sonabil - Depota line and 132 kV Sonabil - Ghoramari line. 132 kV Rangia-Sipajhar line & 132 kV Rangia-Rowta line kept open (Cause: Overloading of 132 kV Sonabil -Depota line). At 17:15 Hrs on 15.10.2017, 132 kV Sonabil -Depota line and 132 kV Sonabil - Ghoramari line tripped. Due to tripping of these elements, Depota area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	100	0.000	0.148	GD-I
14	NER	132 kV Aizawl - Melriat Line	POWERGRID	16-Oct-17 10:40:00	16-Oct-17 10:51:00	00:11:00	Zuangtui area of Mizoram Power System was connected with rest of NER Grid through 132 kV Aizawl-Melriat line. At 10:40 Hrs on 16.10.2017, 132 kV Aizawl-Melriat line tripped. Due to tripping of this element, Zuangtui area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	30	0.000	0.006	GD-I
15	NER	132 kV Aizawl - Melriat Line	POWERGRID	18-Oct-17 15:12:00	18-Oct-17 15:50:00	00:38:00	Zuangtui area of Mizoram Power System was connected with rest of NER Grid through 132 kV Aizawl-Melriat line. At 15:12 Hrs on 18.10.2017, 132 kV Aizawl-Melriat line tripped. Due to tripping of this element, Zuangtui area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	50	0.000	0.032	GD-I
16	NER	132 kV Aizawl - Jiribam Line and 132 kV Aizawl - Kolasib Line	POWERGRID & P&ED, Mizoram	18-Oct-17 15:30:00	18-Oct-17 15:42:00	00:12:00	Zuangtui and Luangmual area of Mizoram Power System were connected with rest of NER Grid through 132 kV Aizawl-Kolasib line and 132 kV Aizawl - Jiribam line. 132 kV Aizawl - Kumarghat Line was under outage since 15:15 Hrs on 18.10.2017. While charging 132 kV Aizawl - Kumarghat Line at 15:30 Hrs on 18.05.2017, 132 kV Aizawl- Kolasib line and 132 kV Aizawl - Jiribam line tripped. Due to tripping of these elements, Zuangtui area and Luangmual area of Mizoram Power System were separated from rest of NER Grid and subsequently collapsed due to no source in these areas and 132 kV Aizawl Substation was also blacked out.	0	80	0.000	0.016	GD-I
17	NER	132 kV Doyang - Wokha (DoP, Nagaland) Line	DoP, Nagaland and NEEPCO	20-Oct-17 16:36:00	20-Oct-17 16:53:00	00:17:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Doyang - Wokha line. 132 kV Dimapur - Kohima line kept open (To test the stability of 132 kV Doyang-Wokha-Kohima link). At 16:36 Hrs on 20.10.2017, 132 kV Doyang - Wokha line tripped. Due to tripping of this element, Capital area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	24	0.000	0.007	GD-I
18	NER	132 kV Palatana - Surajmaninagar Line, 132 kV AGTCCPP - Kumarghat Line, 132 kV P K Bari - Kumarghat Line and 132 kV Monarchak - Rokhia Line	POWERGRID, OTPCL, TSECL, TPGL & NEEPCO	21-Oct-17 09:26:00	21-Oct-17 09:45:00	00:19:00	Tripura Power System (except Udaipur area), Dullavchera area of Assam Power System and Bangladesh(South Comilla) Power System were connected with rest of NER Grid through 132 kV Palatana-Surajmaninagar line, 132 kV Monarchak - Rokhia Line, 132 kV AGTCCPP - Kumarghat Line and 132 kV Kumarghat - P K Bari Line. 132 kV Dullavchera - Hailakandi was under continuous shutdown from Apr,2017 (Cause: Tower collapsed), 132 kV P K Bari - Silchar I line was under outage since 13:40 Hrs on 10.07.2017 to avoid electrocution from falling of ERS system as entire area is flooded and 132 kV P K Bari - Silchar II line was under outage since 06:07 Hrs on 02.04.2017 due to tower collapsed at Loc No. 124, 125, 126, 137, 138 and 139. At 09:26 Hrs on 21.10.2017, 132 kV Palatana - Surajmaninagar line, 132 kV Monarchak - Rokhia Line, 132 kV AGTCCPP - Kumarghat Line and 132 kV Kumarghat - P K Bari Line tripped. Due to tripping of these elements, Tripura Power System (except Udaipur area), Dullavchera area of Assam Power System and Bangladesh(South Comilla) Power System were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	211	110	0.241	0.016	GD-I

Sl. No.	Region	Name of Element	Owner / Agency	Date and Time of Tripping	Date and Time of Restoration	Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Generation Loss in MU	Load Loss in MU	Category as per CEA Grid
19	NER	132 kV Aizawl - Melriat Line	POWERGRID	21-Oct-17 12:54:00	21-Oct-17 13:12:00	00:18:00	Zuangtui area of Mizoram Power System was connected with rest of NER Grid through 132 kV Aizawl-Melriat line. At 12:54 Hrs on 21.10.2017, 132 kV Aizawl- Melriat line tripped. Due to tripping of this element, Zuangtui area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	40	0.000	0.012	GD-I
20	NER	132 kV Dimapur (PG) - Kohima (DoP, Nagaland) Line	POWERGRID & DoP, Nagaland	22-Oct-17 00:10:00	22-Oct-17 00:17:00	00:07:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG) - Kohima line. 132 kV Karong - Kohima line kept idle charged from Kohima end, 132 kV Wokha - Kohima line was kept open (Cause : improper relay co-ordination of 132 kV Dimapur-Kohima-Wokha link) & 66 kV Tuensang - Likhimro line kept open (Cause : construction activities). At 00:10 Hrs on 22.10.2017, 132 kV Dimapur(PG) - Kohima line tripped. Due to tripping of this element, Capital area was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	0	19	0.000	0.002	GD-I
21	NER	132 kV Melriat - Zungtui Line	POWERGRID and P&ED, Mizoram	22-Oct-17 02:39:00	22-Oct-17 03:14:00	00:35:00	Zuangtui area of Mizoram Power System was connected with rest of NER Grid through 132 kV Melriat - Zungtui line. At 02:39 Hrs on 22.10.2017, 132 kV Melriat - Zungtui line tripped. Due to tripping of this element, Zuangtui area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	22	0.000	0.013	GD-I
22	NER	132 kV Dimapur (PG) - Dimapur (DoP, Nagaland) 2 Line	POWERGRID and DoP, Nagaland	22-Oct-17 21:44:00	22-Oct-17 22:16:00	00:32:00	Dimapur area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur (PG)-Dimapur (NA) II line. 132 kV Dimapur (PG)-Dimapur (NA) I line is under long outage. At 21:44 Hrs on 22.10.2017, 132 kV Dimapur (PG)-Dimapur (NA) II line tripped. Due to tripping of this element, Dimapur area was separated from rest of NER Grid and subsequently collapsed due to no source in this area	0	38	0.000	0.030	GD-I
23	NER	132 kV Dimapur (PG) - Kohima (DoP, Nagaland) 1 Line	POWERGRID & DoP, Nagaland	27-Oct-17 08:24:00	27-Oct-17 08:29:00	00:05:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG) - Kohima line. 132 kV Karong - Kohima line kept idle charged from Kohima end, 132 kV Wokha - Kohima line was kept open (Cause : improper relay co-ordination of 132 kV Dimapur-Kohima-Wokha link) & 66 kV Tuensang - Likhimro line kept open (Cause : construction activities). At 08:24 Hrs on 27.10.2017, 132 kV Dimapur(PG) - Kohima line tripped. Due to tripping of this element, Capital area was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	21	24	0.002	0.002	GD-I
24	NER	132 kV Palatana - Udaipur Line, 132 kV Monarchak - Rokhia Line, 132 kV Rokhia - Agartala I & II Lines	OTPL, TSECL, TPGL & NEEPCO	30-Oct-17 15:27:00	30-Oct-17 15:34:00	00:07:00	Monarchak Power Station, Rokhia Power Station, Udaipur, Rabindranagar, Boxnagar areas of Tripura Power System were connected with rest of NER Grid through 132 kV Agartala - Rokhia I & II lines and 132 kV Palatana - Udaipur Line. 66 kV Rokhia - Badarghat line kept open (Cause : phase sequence issue), 66 kV Amarpur - Gumti line kept open (Cause : phase sequence issue). At 15:22 Hrs on 30.10.2017, 132 kV Agartala - Rokhia I & II lines and 132 kV Palatana - Udaipur Line tripped. Due to tripping of these elements, Monarchak Power Station, Rokhia Power Station, Udaipur, Rabindranagar, Boxnagar areas of Tripura Power System were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	116	30	0.346	0.013	GD-I
25	NER	132 kV Lumshnong - Panchgram 1 Line	AEGCL & MePTCL	30-Oct-17 18:20:00	30-Oct-17 18:24:00	00:04:00	Lumshnong area of Meghalaya Power System was connected with rest of NER Grid through 132 kV Lumshnong - Panchgram line. 132 kV Lumshnong - Khliehriat line kept open (Cause : Overloading of 132 kV Khliehriat (PG) - Khliehriat (MePTCL) I & II lines). At 18:20 Hrs on 30.10.2017, 132 kV Lumshnong - Panchgram line tripped. Due to tripping of this element, Lumshnong area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	28	0.000	0.002	GD-I
26	NER	132 kV Dimapur (PG) - Kohima (DoP, Nagaland) 1 Line	POWERGRID & DoP, Nagaland	30-10-2017 22:36:00	30-10-2017 22:48:00	00:12:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG) - Kohima line. 132 kV Karong - Kohima line kept idle charged from Kohima, 132 kV Wokha - Kohima line was kept open (Cause : improper relay co-ordination of 132 kV Dimapur-Kohima-Wokha link) & 66 kV Tuensang - Likhimro line kept open (Cause : construction activities). At 22:36 Hrs on 30.10.2017, 132 kV Dimapur(PG) - Kohima line tripped. Due to tripping of this element, Capital area was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	22	27	0.009	0.027	GD-I
27	NER	132 kV Dimapur (PG) - Dimapur (DoP, Nagaland) 2 Line	DoP, Nagaland	31-Oct-17 16:20:00	31-10-2017 16:32:00	00:13:00	Dimapur area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur (PG)-Dimapur (NA) II line. 132 kV Dimapur (PG)-Dimapur (NA) I line is under long outage. At 16:20 Hrs on 31.10.2017, 132 kV Dimapur (PG)-Dimapur (NA) II line tripped. Due to tripping of this element, Dimapur area was separated from rest of NER Grid and subsequently collapsed due to no source in this area	0	53	0.000	0.015	GD-I

List of Grid Incidents during October 2017 for NER Grid

S.No.	Region	State(s) Involved	Name of Elements	Owner / Agency	Outage		Date & Time	Revival		Date & Time	Outage Duration	Event (Brief Details)	Generation Loss	Load Loss	Energy Unserved	Category as per CEA Grid
					Date	Time		Date	Time							
					Date	Time	Date	Time								
1	NER	BgTPP	BgTPP Unit I	NTPC	04-Oct-2017	09:52:00	04-Oct-17 09:52:00	04-Oct-2017	10:15:00	04-Oct-17 10:15:00	00:23:00	BgTPP Unit I tripped at 09:52 Hrs on 04.10.2017 due to operation of Boiler MFT(Master fuel trip) . (Revision of schedule from Block No.42 on 04.10.17)	97	0	0.037	GI-II
2	NER	AGTCCPP	AGTCCPP Unit II	NEEPCO	04-Oct-2017	20:25:00	04-Oct-17 20:25:00	04-Oct-2017	21:15:00	04-Oct-17 21:15:00	00:50:00	AGTCCPP Unit II tripped at 20:25 Hrs on 04.10.2017 due to high lube oil temperature. (Revision of schedule from Block No.86 on 04.10.17)	16	0	0.013	GI-I
3	NER	Khandong	Khandong Unit II	NEEPCO	10-Oct-2017	07:19:00	10-Oct-17 07:19:00	10-Oct-2017	8:15:00	10-Oct-17 08:15:00	00:56:00	Khandong Unit II tripped at 07:19 Hrs on 10.10.2017 due to Rotor Earth fault. (Revision of schedule from Block No.34 on 10.10.17)	23	0	0.022	GI-I
4	NER	AGTCCPP	AGTCCPP Unit IV & Unit VI	NEEPCO	14-Oct-2017	01:15:00	14-Oct-17 01:15:00	14-Oct-2017	2:30:00	14-Oct-17 02:30:00	01:15:00	AGTCCPP Unit IV and Unit VI tripped at 01:15 Hrs on 14.10.2017 due to over current. (Revision of schedule from Block No.11 on 14.10.17)	41	0	0.051	GI-I
5	NER	AGTCCPP	AGTCCPP Unit III	NEEPCO	14-Oct-2017	01:52:00	14-Oct-17 01:52:00	14-Oct-2017	02:30:00	14-Oct-17 02:30:00	00:38:00	AGTCCPP Unit III tripped at 01:52 Hrs on 14.10.2017 due to Low Boiler Water Level. (Revision of schedule from Block No.11 on 14.10.17)	19	0	0.012	GI-I
6	NER	AGTCCPP	AGTCCPP Unit I & IV	NEEPCO	14-Oct-2017	09:55:00	14-Oct-17 09:55:00	14-Oct-2017	10:45:00	14-Oct-17 10:45:00	00:50:00	AGTCCPP Unit-I & IV tripped at 09:55 Hrs on 14.10.2017 due to voltage jerk. (Revision of schedule from Block No.44 on 14.10.17)	45	0	0.038	GI-I
7	NER	Khandong	Kopili Stg II Unit	NEEPCO	17-Oct-2017	11:03:00	17-Oct-17 11:03:00	17-Oct-2017	11:45:00	17-Oct-17 11:45:00	00:42:00	Kopili Stg II Unit tripped at 11:03 Hrs on 17.10.2017 due to Control supply failure. (Revision of schedule from Block No.48 on 17.10.17)	20	0	0.014	GI-I
8	NER	AGTCCPP	AGTCCPP Unit I and AGTCCPP Stg-I Unit	NEEPCO	20-Oct-2017	16:10:00	20-Oct-17 16:10:00	20-Oct-17	17:15:00	20-Oct-17 17:15:00	01:05:00	AGTCCPP Unit I and Stg-I Unit tripped at 16:10 Hrs on 20.10.2017 due to over current. (Revision of schedule from Block No.70 on 20.10.17)	32	0	0.035	GI-I
9	NER	AGTCCPP	AGTCCPP Unit III	NEEPCO	21-Oct-2017	18:28:00	21-Oct-17 18:28:00	21-Oct-17	19:15:00	21-Oct-17 19:15:00	00:47:00	AGTCCPP Unit III tripped at 18:28 Hrs on 21.10.2017 due to under voltage problem. (Revision of schedule from Block No.78 on 21.10.17)	21	0	0.017	GI-I
10	NER	AGBPP	AGBPP Unit VIII	NEEPCO	23-Oct-2017	10:02:00	23-Oct-17 10:02:00	23-Oct-2017	10:15:00	23-Oct-17 10:15:00	00:13:00	AGBPP Unit VIII tripped at 10:02 Hrs on 23.10.2017 due to Prime Mover Failure. (Revision of schedule from Block No.42 on 23.10.17)	12	0	0.003	GI-II
11	NER	Loktak	Loktak Unit I	NHPC	28-Oct-2017	12:00:00	28-Oct-17 12:00:00	28-Oct-2017	13:00:00	28-Oct-17 13:00:00	01:00:00	Loktak Unit I tripped at 12:00 Hrs on 28.10.2017 due to Excitation Failure. (Revision of schedule from Block No.53 on 28.10.17)	35	0	0.035	GI-I