

Major Grid Events for March, 2018_Northern 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 Unreserved (in MU)
				Date	Time	Date	Time						
1	NR	1) 400kV Agra(UP)-Fatehabad(UP)-1 2) 400kV Agra(UP)-Fatehabad(UP)-2 3) 400kV Agra(UP)-Unnao(UP) 4) 400kV Agra(UP)-Agra(PG) 5) 400/220kV, 315MVA ICT-1 at Agra(UP)	UP	3-Mar-18	18:09	3-Mar-18	19:05	00:56	Lightning struck at 400kV Agra(UP) station resulted in bus faults. LBB (400kV) for Fatehabad-1 (bus-2) and ICT-1(bus-1) operated. 315MVA ICT-3 at Agra(UP) didn't trip. 400kV Fatehabad-1 tripped in Z-4 (250ms, setting would be revised accordingly). 220kV Shamsabad ckt was already under outage.	0	100	GD1	0.1
2	NR	1) 400kV bus-1 at Banda(UP) 2) 400kV Banda(UP)-Rewa Road(UP)-1 3) 400kV Banda(UP)-Rewa Road(UP)-2 4) 400/220kV, 315MVA ICT-1 at Banda(UP)	UP	09-Mar-18	11:03	09-Mar-18	12:28	01:25	Bus bar protection operated at 400kV Banda(UP), lead to tripping of 400kV bus, 315MVA 400/220kV ICT along with Rewa road D/C.	0	0	GI2	Nil
3	NR	1) 400kV bus-2 at Kaithal(PG) 2) 400kV Bus reactor 80MVAR at Kaithal 3) 400kV Bus reactor 125MVAR at Kaithal	POWERGRID	09-Mar-18	11:20	09-Mar-18	11:44	00:24	At Kaithal, 400 kV Malerkotla line and B/R are in same dia. S/D on Kaithal-Malerkotla line was being taken. Line opened from Malerkotla end and DT received at Kaithal end opened main and Tie CBs which also initiated LBB of B/R Main CB, resulting in operation of BB protection for Bus-2.	0	0	GI2	Nil
4	NR	1) 400kV Wagoora(PG)-New Wanpoh(PG)-1 2) 400kV Wagoora(PG)-New Wanpoh(PG)-2 3) 400/220kV, ICT-1 at Wagoora(PG) 4) 400/220kV, ICT-2 at Wagoora(PG) 5) 400/220kV, ICT-3 at Wagoora(PG) 6) 400/220kV, ICT-4 at Wagoora(PG) 7) 220kV Wagoora(PG)-Zainakote(J&K)-1 8) 220kV Wagoora(PG)-Zainakote(J&K)-2 9) 220kV Wagoora(PG)-Pampore(J&K)-1 10) 220kV Wagoora(PG)-Pampore(J&K)-2 11) 400kV Wagoora(PG)-Uri2(NHPC) 12) 400kV Wagoora(PG)-Uri(NHPC)-1 13) 400kV Uri2(NHPC)-Uri(NHPC) 14) Running units of Uri-1 HEP (NHPC) 16) Running units of Uri-2 HEP (NHPC)	POWERGRID/NH PC/J&K	10-Mar-18	09:51	10-Mar-18	10:02	00:11	At Wagoora, 400 kV Bus-1 shut down process was started. R-phase isolator of Bus-1 was closed in addition to Bus-II Isolator. As soon as this bus isolator was opened, Bus Bar relay operated which lead to the tripping of both the buses at Wagoora. And subsequent collapse of Kashmir Valley.	340	600	GD1	0.5
5	NR	1) 400kV Orai(UP)-Orai(PG) ckt-1 2) 400kV Orai(UP)-Orai(PG) ckt-2	POWERGRID/UP	28-Mar-18	13:00	28-Mar-18	17:20	04:20	400kV Orai(UP)-Orai(PG) ckt-1 tripped on B-N permanent fault after unsuccessful auto-reclosing. Ckt-2 also tripped along with ckt-1. 1000MVA, 765/400kV ICT-1 at Orai(PG) also tripped on protection mal-operation.	0	0	GI2	Nil
6	NR	1) 400kV Karcham(JSW)-Baspa(HP)-1 2) 400kV Karcham(JSW)-Baspa(HP)-2 3) 400kV Karcham(JSW)-Kala Amb(PG)-1 4) 400kV Karcham(JSW)-Kala Amb(PG)-2 5) 400kV Karcham(JSW)-Jhakri(SJVNL)-1 6) 400kV Jhakri(SJVNL)-Punchkula(PG)-1 7) 400kV Jhakri(SJVNL)-Punchkula(PG)-2 8) 400kV Jhakri(SJVNL)-Rampur(SJVNL)-1 9) 400kV Jhakri(SJVNL)-Rampur(SJVNL)-2 10) Running units at Karcham, Baspa, Jhakri, Rampur HEPs	HP/SJVNL/POW ERGRID/JSW	29-Mar-18	17:16	29-Mar-18	18:04	00:48	Thunderstorm reported. Tripping of multiple lines in Karcham-Baspa-Jhakri-Rampur generation complex resulted in tripping running generation in the complex.	700	0	GD1	Nil
7	NR	1) 765kV Aligarh-Orai ckt-1 2) 765kV Aligarh-Orai ckt-2	POWERGRID	30-Mar-18	00:11	30-Mar-18	00:33	00:22	765kV Aligarh-Orai ckt-1 tripped on 3-phase fault. Ckt-2 also tripped along with ckt-1.	0	0	GI2	Nil

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 Standards	Energy Unservd (in MU)
				Date	Time	Date	Time	Time					
8	NR	1) 400kV Sarnath(UP)-Varanasi(PG)-1 2) 400kV Sarnath(UP)-Varanasi(PG)-2 3) 400kV Sarnath(UP)-Anpara(UP)-1 4) 400kV Sarnath(UP)-Anpara(UP)-2 5) 400/220kV, 315MVA ICT-1 at Sarnath 6) 400/220kV, 315MVA ICT-2 at Sarnath 7) 400/220kV, 500MVA ICT-2 at Sarnath 8) 400kV Sarnath(UP)-Azamgarh(UP)	UP	30-Mar-18	22:07	30-Mar-18	22:57	00:50	Y-ph CT of 400kV Azamgarh-Sarnath line at Sarnath busted. Complete outage of 400kV Sarnath(UP) due to operation of bus bar protection of both 400kV buses.	0	170	GD1	0.03

Major Grid Events for March, 2018_ Western Region

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 Unserved (MU)
				Date	Time	Date	Time						
1	WR	Tripping of 1.400 kV Kolhapur(MH)-Karad I&II 2.400 kV Kolhapur(MH)-Kolhapur (PG) I&II 3.220 kV Kolhapur(MH)-5 Star MIDC I&II 4.220 kV Kolhapur(MH)-Bidri	MSETCL	05-03-2018	04:28	05-03-2018	09:34	05:06	Due to dense fog in the Kolhapur area, the mentioned lines tripped on distance protection operation at Kolhapur(MH) substation. Due to multiple tripping of 400 kV lines, the network of Kolhapur affected causing load loss.	Nil	212	GI-2	0.8997
2	WR	Tripping of 1.220 kV Ichalkaranji-Talange I 2.220 kV Ichalkaranji-Talange II 3.220 kV Ichalkaranji-Miraj 4.220/110 kV, 200 MVA Ichalkaranji ICT I&II 5.220/33 kV, 100 MVA Ichalkaranji ICT I&II	MSETCL	05-03-2018	05:11	05-03-2018	08:44	03:33	R phase suspension insulator of 220 kV Ichalkaranji-Talange 1 decapped and resulted in R phase to Earth fault. R phase breaker stuck at Ichalkaranji resulted in 220 kV LBB operation and tripping of all the elements connected to the Bus bar. Due to multiple tripping of 220 kV lines, the network of Ichalkaranji affected causing black out.	Nil	163	GD-1	0.57865
3	WR	Tripping of 1.220 kV Mudshingi-Karad IV 2.220 kV Mudshingi-Belewadi 3.220 kV Mudshingi-Talange II 4.220/110 kV, 200 MVA Mudshinge ICT I-III 5.220/33 kV,50 MVA Mudshinge ICT I&II 6.220 kV Mudshingi-Peth 7.220 kV Mudshingi-Wathar	MSETCL	05-03-2018	07:50	05-03-2018	08:30	00:40	Due to the dense fog prevailing at 220 kV Mudshinge S/S, flashover occurred at Y phase suspension insulator of 220 kV Main bus section 2. This resulted in 220 kV Bus bar protection operation and tripping of all the elements connected to 220 kV Bus 2. Due to multiple tripping of 220 kV lines, the network of Mudshingi affected causing load loss.	Nil	71	GI-1	0.047333333
4	WR	Tripping of 1.220 kV Miraj-Mhaisal 2.220 kV Miraj-Vita 3.220 kV Miraj-Kadegaon	MSETCL	05-03-2018	07:35	05-03-2018	07:54	00:19	220 kV Miraj-Kadegaon was already out on distance protection operation and while trying to test charge the line, it tripped as fault was of permanent nature. During the tripping the LBB also operated, resulted in tripping of other 220 kV lines at Miraj substation causing black out at Miraj area.	Nil	226	GD-1	0.071566667
5	WR	Tripping of 1.220 kV Tarapur-Boisar 2.220 kV Tarapur-Borivalli	MSETCL	13-03-2018	13:22	13-03-2018	14:08	00:46	220 kV Tarapur-Boisar and 220 kV Tarapur-Borivalli are in the same tower, both the lines tripped on distance protection due to fire in between location 19-20.	Nil	Nil	GI-1	Nil
6	WR	Tripping of 1.400 kV /220 kV 500MVA Nagothane ICT 3 2.400 kV Nagothane-Padghe 2 3.400 kV Nagothane-Dabhol 1 4.400 kV Bus coupler	MSETCL	13-03-2018	16:31	13-03-2018	16:50	00:19	At 400kV Nagothane s/s, sparking was observed in Y phase isolator of 400 kV/220 kV 500 MVA ICT 3 connected to 400 kV Bus 2. At the same time, the spark was extended to B phase conductor of 400 kV bus 2 and it created Y-B phase bus fault.This resulted in tripping of all the elements connected to 400kV bus 2 along with the bus coupler on Bus bar protection operation.	Nil	Nil	GI-2	Nil
7	WR	Tripping of 1.400 kV Chandrapur Bus II	MSETCL	21-03-2018	16:26	21-03-2018	18:18	01:52	During the bus commissioning work of 400/220 kV 500 MVA ICT at Chandrapur(MH) station, tripping command got extended accidentally and 400 kV Bus 2 Bus bar protection operated and resulted in tripping of all the main bays of 400 kV Bus 2.All the elements connected to 400 kV Bus 2 remained in service through tie bays.	Nil	Nil	GI-2	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.

Grid Disturbances in SR for March 2018

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 Unreserved (MU)
				Date	Time	Date	Time						
1	SR	1. 220kV Bidnal - Saundatti 2. 220kV Bidnal - Hubballi ckt-1 3. 220kV Hubli- Narendra ckt-1&2 4. 220kV Hubli-Bidnal ckt-2 5. 220kV Nagjhari-Bidnal	Karnataka	7-Mar-18	06:45	7-Mar-18	07:15	30 mins	Complete outage of 220kV Hubli, Ambewadi and Nagjhari substations of KPTCL: There was heavy fog in the area and several 220kV lines tripped on distance protection. 220kV Hubli-Bidnal and 220kV Nagjhari-Bidnal also tripped on over current protection which resulted in tripping of running units at Nagjhari on over frequency protection. Complete outage of 220kV Hubli, Ambewadi and Nagjhari stations occurred due to cascaded trippings.	642 MW	136 MW	GD-1	0.068 MU
2	SR	All elements connected to 220kV stations Narendra(KPTCL),Belgaum,Chikkodi,Gataprabha,MK Hubli,Mahalingapura,Soudatti,Athani and Kudachi tripped.	Karnataka	7-Mar-18	09:13	7-Mar-18	09:29	16 mins	Complete outage of 220kV Narendra(KPTCL),Belgaum,Chikkodi,Gataprabha,MKHubli,Mahalingapura,Soudatti,Athani and Kudachi. Triggering incident was tripping of 500MVA ICT at Narendra. This resulted in overloading of downstream Karnataka system.	----	460MW	GD-1	----
3	SR	1. 220kV Kaiga - Kadra 2. 220kv Kadra-Kodasalli 3. 400/220kV ICT at Narendra 4. All elements connected to 220kV Narendra(KPTCL), Bidnal, SRS Hubballi, Ambewadi Haveri, Karwar,Belgaum,Chikkodi, Soudatti,ML Pura,Athani ,Kudachi,Gataprabha,MK Hubli ,NPH,Kodasalli and Kadra tripped.	Karnataka	8-Mar-18	10:01	8-Mar-18	10:36	35 mins	Complete outage of following 220kV stations of KPTCL Narendra(KPTCL), Bidnal, SRS Hubballi, Ambewadi Haveri, Karwar,Belgaum,Chikkodi, Soudatti,ML Pura,Athani ,Kudachi,Gataprabha,MK Hubli ,NPH,Kodasalli and Kadra. 220kV Kaiga-kadra and 220kv Kadra-Kodasalli lines tripped on backup overcurrent protection. 400/220kV Narendra ICT tripped on over load protection. Running units at Nagjhari and Kodasalli tripped due to non-availability of evacuation lines. Cascaded tripping occurred due to overloading of 220kV network and there was complete outage of several stations of KPTCL.	290 MW	500 MW	GD-1	0.333MU
4	SR	1. 220kV Kemar - MSEZ ckt-1&2 2. 220kV Kemar - Udupi ckt-1&2 3. 220kV Kemar - Varahi Ckt-1,2 &3 4. 220/110kv ICT-1&2	Karnataka	14-Mar-18	18:45	14-Mar-18	19:40	55 mins	Complete outage of 220kV Kemar, MSEZ Bajpe and Kavoore. Trippings occurred due to rain and heavy lightning in Kemar area.	-----	500 MW	GD-1	0.458MU
5	SR	1. 220kV Varahi-Kemar Ckt-1,2 &3 2. 220kV Varahi-Shimoga Ckt-1&2 3. 4 units of 115 MW each at Varahi PS	Karnataka	15-Mar-18	22:36	16-Mar-18	00:36	2 hrs	Complete outage of 220kV Varahi power station: There was Y-phase to ground fault on 220kV Varahi-Shimoga line-2. Consequent to persisting of fault in 'Y' phase the breaker failure relay operated resulting in operation of 220KV bus bar protection at Varahi, tripping all the connected lines and Varahi running units	459 MW	----	GD-1	----
6	SR	1. 400kV Nellore-Sriperumbudur Ckt-1&2 2. 400kV Tiruvalur - Sriperumbudur 3. 400kV SVChatram - Sriperumbudur 4. 400kV Chittoor - Sriperumbudur 5. 400/230kV ICT-1, 2 & 3 at Sriperumbudur 6. 400/110kV ICT-4 at Sriperumbudur	Tamil Nadu	24-Mar-18	18:01	24-Mar-18	18:21	20mins	Complete outage of 400kV Sriperumbudur station: There was CT burst of Y-phase 400/220kV ICT-2 at Sriperumbudur. This resulted in tripping of all the connected feeders and ICTs.	-----	----	GD-1	----

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 Unserved (MU)
				Date	Time	Date	Time						
7	SR	1. 220 KV GazuwakaPG - Gazuwaka 2. 220 KV GazuwakaPG - MRS Ckt-1&2 3. 220 KV GazuwakaPG - Pendurthi Ckt-1&2 4. 220KV GazuwakaPG-Kalpukka ckt-1&2 5. 220KV GazuwakaPG-Gangavaram 6. 220KV Kalpakka-Dairy Farm Ckt-2 7. 220KV Pendurthi - Dairy Farm Ckt-1&2 8. 220KV Pendurthi-Garividi Ckt-1&2 9. 220KV Pendurthi - BD Palem Ckt-1&2 10. 400/220KV ICT-1&2 at Gazuwaka	APTRANSCO	27-Mar-18	16:10	27-Mar-18	17:03	53 mins	Complete outage of 220KV Vizag (Gazuwaka) switching station: Triggering incident was R-phase CT blast. This resulted in tripping of all the connected elements due to operation of bus bar protection.	----	700	GD -1	----
8	SR	1. 220KV Sedam - Humnabad Ckt-1&2 2. 220KV Sedam - Tandur 3. 220KV Sedam - Raichur TPS ckt-1 &2 4. 220KV Sedam - Shahapur	KPTCL	30-Mar-18	17:55	30-Mar-18	18:55	1 hr	Complete outage of 220KV Sedam station. Bus bar protection operated. Details awaited.	----	44 MW	GD -1	0.044 MU
9	SR	1. 220KV Sharavathy-Sirsi ckt-2 2. 220KV Sharavathy - Shimoga ckt-3&4 3. 220KV Sharavathy-Talaguppa ckt-2 4. Generating Unit#6,7,8,9&10 at sharavathy	KPCL	15-Mar-18	22:05	16-Mar-18	13:00	15 hrs 5 min	Multiple tripping at 220KV Sharavathy PS: Triggering incident was phase to phase fault (Y-B ph) which resulted in operation of bus bar protection.	234 MW	---	GI-1	---
10	SR	1. 400KV Guttur - Narendra-1 2. 400KV Guttur - Hiriyyur-2 3. 400KV Guttur - JSW 4. 400KV Guttur - Munirabad	KPTCL	17-Mar-18	08:25	17-Mar-18	09:24	59 mins	Multiple tripping at 400KV Guttur SS: 400KV Guttur-Kaiga-1 breaker was in lockout condition. It was intended to take Kaiga line-1 on tie CB. While carrying out this soperation bus bar protection operated at Guttur resulting in tripping of all connected elements.	---	---	GI-2	---
11	SR	1. 220KV Trichur-Palakkad-1 2. 220KV Trichur - Lower Periyar-1 3. 220KV Trichur-Shornur 4. 220KV Trichur-Ellapully 5. 400/220KV ICT#2&3	KSEB	26-Mar-18	21:27	26-Mar-18	23:24	1 hr 57 mins	Multiple tripping at 220KV Trichur station: Triggering incident was bus section Y-phase CT flashover. This resulted in tripping of all the elements conncted to bus section 1A and 1B.	---	---	GI-1	----
12	SR	1. 400KV Mysore-Kozhikode-2 2. 400/220KV ICT-1 &2 at Kozhikode	PGCIL	31-Mar-18	17:15	31-Mar-18	17:44	29 mins	Multiple tripping at 400KV Kozhikode: While taking ICT-3 into service, 400KV Mysore ckt-2 and 400/220KV ICT-1&2 tripped.	---	---	GI-2	---

Major Grid Events for March, 2018_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	220/132 kV ATRs at Waria	DVC	9-Mar-18	17:15	9-Mar-18	18:25	01:10	On 09-03-18 at 17:15 hrs, total power failure occurred at 220/132 kV Waria S/S along with tripping of all 220/132 kV ATRs and running units(U #4) at Waria.	180	300	0.2100	0.3500	GD-I
2	ERLDC	220 KV Muzaffarpur-Hazipur-I 220 KV Muzaffarpur-Hazipur-II	BSPTCL	21-Mar-18	13:03	21-Mar-18	13:25	00:22	On 21-03-18, 220 KV Muzaffarpur-Hazipur-I tripped on B-N fault at 12:57 hrs and 220 KV Muzaffarpur-Hazipur-II tripped due to Y-B at 13:03hrs. As Hazipur was radially fed from Muzaffarpur through 220 KV Muzaffarpur-Hazipur-D/C lines, total power failure occurred at 220/132 kV Hazipur S/S.	0	175	0.0000	0.0642	GD-I
3	ERLDC	220 kV Jorethang - New Melli D/C 220 kV Rangpo - Tashiding S/C 220 kV Tashiding - New Melli S/C	ISTS	22-Mar-18	20:38	22-Mar-18	20:46	00:08	220 kV Jorethang - New Melli D/C tripped at Jorethang end on R-N fault at 20:38 hrs (R/I at Jorethang: Ckt I: R-N, 7.14 km; Ckt II: R-N, Z-I, 7.2 km). At same time 220 kV Rangpo - Tashiding S/C (A/R was successful at Rangpo end; R/I R-N, 22.56 km, 4.2 kA) and 220 kV Tashiding -New Melli S/C (Did not trip from New Melli end) tripped at Tashiding end. 220 kV Rangpo - New Melli S/C successfully auto reclosed at same time at both the ends (Rangpo: R-N, 22.81 km, 6.47 kA; New Melli: R-N, 5.73 km, 1.13 kA)	0	0	0.0000	0.0000	GD-I
4	ERLDC	220 kV Rangpo - Tashiding S/C 220 kV Tashiding - New Melli S/C	ISTS	26-Mar-18	17:19	26-Mar-18	17:47	00:28	At 17:19 hrs 220 kV Tashiding - Rangpo S/C and 220 kV Tashiding - New Melli (Did not trip at New Melli end) S/C tripped at Tashiding end due to Y-N fault resulting S/S dead at Tashiding.	0	0	0.0000	0.0000	GD-I
5	ERLDC	400/220 kV ICT - I, II & III at Biharshariff 220 kV Tenughat Biharshariff S/C	ISTS	28-Mar-18	18:43	28-Mar-18	19:17	00:34	Due to Y phase jumper snapping of 220 kV side of 400/220 kV ICT - III resulted tripping of all three 400/220 kV ICTs at Biharshariff and 220 kV Tenughat - Biharshariff S/C (From Tenughat in Z-III) resulting load loss at nearby area.	10	560	0.0057	0.3173	GD-I
5	ERLDC	400 kV Farakka Malda I 400KV Farakka - Gokarno - I 400 kV Farakka - Kahalgaon - I 400 kV Farakka - Malda - II 400 kV Farakka - Sagardighi S/C	ISTS	30-Mar-18	13:57	30-Mar-18	19:35	05:38	At 13:57 hrs all main bays connected to 400 kV bus II at Farakka tripped due to Y-N fault resulting tripping of 400 kV Farakka Malda I, unit V at Farakka and 400/220 kV ICT at Farakka. During restoration attempt at 14:29 hrs both 400 kV bus I & II at Farakka tripped along with unit I, II, III & VI at Farakka, 400KV Farakka - Gokarno - I, 400 kV Farakka - Kahalgaon - I, 400 kV Farakka - Malda - II and 400 kV Farakka - Sagardighi S/C. 400 KV Farakka -Baharampur, 400 KV Farakka- Durgapur D/C & Farakka -Kahalgaon -II remain connected through tie breaker at Farakka s/s	740	0	4.1687	0.0000	GD-I

Grid Disturbances in NER Grid for March 2018

Sl. No.	Region	Name of Element	Owner / Agency	Outage		Date and Time of Tripping	Revival		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 Standards
				Date	Time		Date	Time								
1	NER	132 kV Balipara - Khupi Line	NEEPCO & DoP, Arunachal Pradesh	06-Mar-2018	09:17:00	06-Mar-18 09:17:00	06-Mar-2018	09:47:00	06-Mar-18 09:47:00	00:30:00	Khupi area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Balipara- Khupi line. At 09:17 Hrs on 06.03.2018, 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	16	0.000	0.008	GD-I
2	NER	132 kV Daporijo - Ziro Line	DoP, Arunachal Pradesh	06-Mar-2018	15:20:00	06-Mar-18 15:20:00	08-Mar-2018	15:49:00	08-Mar-18 15:49:00	00:29:00	Daporijo area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Ziro - Daporijo line. At 15:20 Hrs on 06.03.2018, 132 kV Ziro - Daporijo line tripped. Due to tripping of this element, Daporijo area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	10	0.000	0.005	GD-I
3	NER	132 kV Ranganadi - Pare Line	POWERGRID & NEEPCO	07-Mar-2018	10:09:00	07-Mar-18 10:09:00	07-Mar-2018	10:31:00	07-Mar-18 10:31:00	00:22:00	Pare Power Station, Lekhi area & Capital area of Arunachal Pradesh Power System and Gohpur Area of Assam Power System were connected with rest of NER Grid through 132 kV Ranganadi - Pare line. Bus Coupler CB of Gohpur kept open (Cause: overloading of 132 kV Ranganadi - Lekhi line). At 10:09 Hrs on 07.03.2018, 132 kV Ranganadi - Pare line tripped. Due to tripping of this element, Pare Power Station, Lekhi area, Capital area of Arunachal Pradesh Power System and Gohpur area of Assam Power System were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	52	0.000	0.019	GD-I
4	NER	132 kV Ranganadi - Pare Line	POWERGRID & NEEPCO	10-Mar-2018	05:02:00	10-Mar-18 05:02:00	10-Mar-2018	05:29:00	10-Mar-18 05:29:00	00:27:00	Pare Power Station, Lekhi area, Capital area of Arunachal Pradesh Power System and Gohpur Area of Assam Power System were connected with rest of NER Grid through 132 kV Ranganadi - Pare line. Bus Coupler CB of Gohpur kept open (Cause: overloading of 132 kV Ranganadi - Lekhi line). At 05:02 Hrs on 10.03.2018, 132 kV Ranganadi - Pare line tripped. Due to tripping of this element, Pare Power Station, Lekhi area, Capital area & Gohpur area were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	47	0.000	0.021	GD-I
5	NER	132 kV Aizawl - Melriat Line	POWERGRID	13-Mar-2018	15:29:00	13-Mar-18 15:29:00	13-Mar-2018	15:51:00	13-Mar-18 15:51:00	00:22:00	Melriat area of Mizoram Power System was connected with rest of NER Grid through 132 kV Aizawl- Melriat line. At 15:29 Hrs on 13.03.2018, 132 kV Melriat - Zuangtui line tripped. Due to tripping of this element, Melriat area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	30	0.000	0.011	GD-I
6	NER	132 kV Badarpur - Kolasib Line and 132 kV Aizawl - Kolasib Line	POWERGRID	16-Mar-18	06:39:00	16-Mar-18 06:39:00	16-Mar-18	08:53:00	16-Mar-18 08:53:00	02:14:00	Kolasib area of Mizoram Power System was connected with rest of NER Grid through 132 kV Kolasib-Badarpur line & 132 kV Kolasib-Aizawl line. At 06:39 Hrs on 16.03.2018, 132 kV Kolasib-Badarpur line & 132 kV Kolasib-Aizawl line tripped. Due to tripping of these elements, Kolasib area was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch in this area.	10	4	0.004	0.010	GD-I
7	NER	132 kV Dimapur (PG) - Kohima (DoP, Nagaland) Line	POWERGRID & DoP, Nagaland	17-Mar-2018	13:52:00	17-Mar-18 13:52:00	17-Mar-2018	14:08:00	17-Mar-18 14:08:00	00:16:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG) - Kohima (DoP, Nagaland) 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 13:52 Hrs on 17.03.2018, 132 kV Dimapur(PG) - Kohima (DoP, Nagaland) 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	20	0.000	0.005	GD-I
8	NER	132 kV Dimapur (PG) - Kohima (DoP, Nagaland) Line	POWERGRID & DoP, Nagaland	17-Mar-2018	18:01:00	17-Mar-18 18:01:00	17-Mar-2018	18:05:00	17-Mar-18 18:05:00	00:04:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG) - Kohima (DoP, Nagaland) 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 18:01 Hrs on 17.03.2018, 132 kV Dimapur(PG) - Kohima (DoP, Nagaland) 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	26	0.000	0.008	GD-I

Sl. No.	Region	Name of Element	Owner / Agency	Outage		Date and Time of Tripping	Revival		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 Standards
				Date	Time		Date	Time								
9	NER	132 kV Dimapur (PG) - Kohima (DoP, Nagaland) Line	POWERGRID & DoP, Nagaland	17-Mar-2018	18:25:00	17-Mar-18 18:25:00	17-Mar-2018	18:55:00	17-Mar-18 18:55:00	00:30:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG) - Kohima (DoP, Nagaland) 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 18:25 Hrs on 17.03.2018, 132 kV Dimapur(PG) - Kohima (DoP, Nagaland) 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.	12	30	0.006	0.015	GD-I
10	NER	132 kV Dimapur (PG) - Kohima (DoP, Nagaland) Line	POWERGRID & DoP, Nagaland	18-Mar-2018	11:47:00	18-Mar-18 11:47:00	18-Mar-2018	11:55:00	18-Mar-18 11:55:00	00:08:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG) - Kohima (DoP, Nagaland) 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 11:47 Hrs on 18.03.2018, 132 kV Dimapur(PG) - Kohima (DoP, Nagaland) 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	14	0.000	0.002	GD-I
11	NER	132 kV Lekhi - Nirjuli Line	DoP, AP & POWERGRID	19-Mar-2018	16:42:00	19-Mar-18 16:42:00	19-Mar-2018	16:52:00	19-Mar-18 16:52:00	00:10:00	Nirjuli area of Arunachal Pradesh Power System and Gohpur area of Assam Power System were connected with rest of NER Grid through 132 kV Lekhi - Nirjuli line. Bus Coupler CB of Gohpur kept open to maintain loading of 132 kV Ranganadi - Lekhi line. At 16:42 Hrs on 19.03.2018, 132 kV Lekhi - Nirjuli line tripped. Due to tripping of this element, Nirjuli area and Gohpur area were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	30	0.000	0.005	GD-I
12	NER	132 kV Agartala - Surajmaninagar 1 & 2 Lines, 132 kV Agartala - AGTCCPP 1 & 2 Lines, 132 kV Agartala - Rokhia 1 Line & 132 kV Agartala - Budhjangnagar Line	POWERGRID & TSECL	22-Mar-2018	09:50:00	22-Mar-18 09:50:00	22-Mar-2018	10:05:00	22-Mar-18 10:05:00	00:15:00	Agartala and Dhalabil areas of Tripura Power System were connected with rest of NER Grid through 132 kV Agartala - Surajmaninagar 1 & 2 Lines, 132 kV Agartala - AGTCCPP 1 & 2 Lines, 132 kV Agartala - Rokhia 1 Line & 132 kV Agartala - Budhjangnagar 1 Line. 132 kV Agartala - Rokhia 2 Line was under shutdown since 09:35 Hrs, 132 kV Dhalabil - Kamalpur 1 Line was under shutdown since 09:05 Hrs on 22.03.2018, 66 kV Rokhia - Badarghat line, 66 kV Amarpur - Gumti line and 66 kV Udaipur - Gokulnagar line kept open due to phase sequence issue. At 09:50 Hrs on 22.03.2018, 132 kV Agartala - Surajmaninagar 1 & 2 Lines, 132 kV Agartala - AGTCCPP 1 & 2 Lines, 132 kV Agartala - Rokhia 1 Line & 132 kV Agartala - Budhjangnagar 1 Line tripped. Due to tripping of these elements, Agartala and Dhalabil areas were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	15	42	0.004	0.011	GD-I
13	NER	132 kV Palatana - Udaipur Line	TSECL	25-Mar-2018	10:02:00	25-Mar-18 10:02:00	25-Mar-2018	10:33:00	25-Mar-18 10:33:00	00:31:00	Udaipur area of Tripura Power System was connected with rest of NER Grid through 132 kV Udaipur-Palatana line. 132 kV Udaipur - Monarchak line was under shutdown since 09:50 Hrs on 25.03.2018, 66 kV Gakulnagar-Udaipur line, 66 kV Amarpur - Gumti line & 66 kV Belonia-Bagafa line kept open due to phase sequence issue. At 10:02 Hrs on 25.03.2018, 132 kV Udaipur-Palatana line tripped. Due to tripping of this element, Udaipur area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	4	12	0.002	0.006	GD-I
14	NER	132 kV P K Bari - Kamalpur Line, 132 kV Agartala - AGTCCPP I and II Lines, 132 kV Monarchak - Rokhia Line, 132 kV Jirinia - Budhjangnagar Line and 132 kV Palatana - Surajmaninagar Lines	POWERGRID & TSECL	26-Mar-2018	17:47:00	26-03-2018 17:47:00	26-Mar-2018	18:06:00	26-03-2018 18:13	00:19:00	Part of Tripura Power System consisting load of Kamalpur, Dhalabil, Agartala, Surajmaninagar and Budhjangnagar, generation of Rokhia Power Station and Monarchak Power Station and South Comilla load of Bangladesh Power System were connected with rest of NER Grid through 132 kV P K Bari - Kamalpur Line, 132 kV Agartala - AGTCCPP I and II Lines, 132 kV Monarchak - Rokhia Line, 132 kV Jirinia - Budhjangnagar Line and 132 kV Palatana - Surajmaninagar Lines. 132 kV Ambassa - Kamalpur Line kept open at Ambassa. 66 kV Ompi - Amarpur, 66 kV Udaipur - Gokulnagar and 66 kV bagafa - Belonia line kept open(due to phase sequence issue) At 17:47 Hrs on 26.03.2018, 132 kV P K Bari - Kamalpur Line, 132 kV Agartala - AGTCCPP I and II Lines, 132 kV Monarchak - Rokhia Line, 132 kV Jirinia - Budhjangnagar Line and 132 kV Palatana - Surajmaninagar Line tripped. Due to tripping of these elements, part of Tripura Power System and South Comilla were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	44	256	0.045	0.111	GD-II
15	NER	132 kV Aizawl - Melriat Line	POWERGRID	26-Mar-2018	20:15:00	26-03-2018 20:15:00	26-Mar-2018	21:02:00	26-03-2018 21:02:00	00:47:00	Melriat area of Mizoram Power System was connected with rest of NER Grid through 132 kV Aizawl - Melriat line. At 20:15 Hrs on 26.03.2018, 132 kV Aizawl - Melriat line tripped. Due to tripping of this element, Melriat area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	30	0.000	0.024	GD-I

Sl. No.	Region	Name of Element	Owner / Agency	Outage		Date and Time of Tripping	Revival		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 Standards
				Date	Time		Date	Time								
16	NER	132 kV Ranganadi - Ziro Line	POWERGRID	28-Mar-2018	16:51:00	28-03-2018 16:51:00	30-Mar-2018	11:22:00	30-03-2018 11:22:00	1.18:31:00	Ziro area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Ranganadi - Ziro line. At 16:51 Hrs on 28.03.2018, 132 kV Ranganadi - Ziro line tripped. Due to tripping of this element, Ziro area was separated from rest of NER Grid.	0	22	0.000	0.011	GD-I
17	NER	132 kV Balipara - Khupi Line	NEEPCO & DoP, Arunachal Pradesh	29-Mar-2018	14:21:00	29-03-2018 14:21:00	29-Mar-2018	14:45:00	29-03-2018 14:45:00	00:24:00	Khupi area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Balipara - Khupi line. At 14:21 Hrs on 29.03.2018, 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	24	0.000	0.096	GD-I
18	NER	132 kV Ranganadi - Pare Line	POWERGRID & NEEPCO	29-Mar-2018	17:41:00	29-03-2018 17:41:00	29-Mar-2018	18:10:00	29-03-2018 18:10:00	00:29:00	Pare Power Station, Lekhi area & Capital area of Arunachal Pradesh Power System and Gohpur area of Assam Power System were connected with rest of NER Grid through 132 kV Ranganadi - Pare line. Bus Coupler CB of Gohpur kept open for system requirement. At 17:41 Hrs on 29.03.2018, 132 kV Ranganadi - Pare line tripped. Due to tripping of this element, Pare Power Station, Lekhi area, Capital area & Gohpur area were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	34	0.000	0.016	GD-I
19	NER	132 kV Balipara - Khupi Line	NEEPCO & DoP, Arunachal Pradesh	29-Mar-2018	19:25:00	29-03-2018 19:25:00	29-Mar-2018	20:07:00	29-03-2018 20:07:00	00:42:00	Khupi area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Balipara - Khupi line. At 19:25 Hrs on 29.03.2018, 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	27	0.000	0.026	GD-I
20	NER	132 kV Loktak - Ningthoukhong Line	MSPCL	30-Mar-2018	19:03:00	30-03-2018 19:03:00	30-Mar-2018	20:10:00	30-03-2018 20:10:00	01:07:00	Ningthoukhong area of Manipur Power System was connected with rest of NER Grid through 132 kV Loktak - Ningthoukhong Line. 132 kV Imphal - Ningthoukhong line & 132 kV Kakching-Kongba line kept open (Cause: overloading of 132 kV Loktak - Ningthoukhong line). At 19:03 Hr on 30.03.2018, 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	16	0.000	0.141	GD-I
21	NER	132 kV AGTCCPP - Agartala 1 and 2 Lines	POWERGRID	31-Mar-2018	08:24:00	31-03-2018 08:24:00	31-Mar-2018	08:55:00	31-03-2018 09:00:00	00:31:00	AGTCCPP was connected with rest of NER Grid through 132 kV AGTCCPP - Agartala 1 and 2 Lines. 132 kV AGTCCPP - Kumarghat line was under outage since 16:42 Hrs on 30.03.2018. At 08:24 Hrs on 31.03.2018, 132 kV AGTCCPP - Agartala 1 and 2 Lines tripped. Due to tripping of these elements, AGTCCPP was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	56	0	0.043	0.000	GD-I
22	NER	132 kV Agartala - Dhalabil Line	TSECL	31-Mar-2018	08:25:00	31-03-2018 08:24:00	31-Mar-2018	09:05:00	31-03-2018 09:00:00	00:40:00	Dhalabil-Kamalpur area of Tripura Power System was connected with rest of NER Grid through 132 kV Agartala - Dhalabil Line. 132 kV P K Bari - Kamalpur line tripped at 05:45 Hrs on 28.03.2018 and the line was outage since then and 132 kV Ambassa - Kamalpur line was kept open at Ambassa. At 08:25 Hrs on 31.03.2018, 132 kV Agartala - Dhalabil Line tripped. Due to tripping of this element, Dhalabil - Kamalpur area was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	10	0.000	0.006	GD-I
23	NER	132 kV Agartala - Rokhia 1 and 2 Lines and 132 kV Monarchak - Rokhia Line	TSECL	31-Mar-2018	08:26:00	31-03-2018 08:26	31-Mar-2018	09:01:00	31-03-2018 09:00:00	00:35:00	Rokhia area of Tripura Power System was connected with rest of NER Grid through 132 kV Agartala - Rokhia 1 and 2 Lines and 132 kV Monarchak - Rokhia Line. 66 kV Rokhia - Badarghat line and 66 kV Bagafa - Belonia line were kept open (Phase sequence issue). At 08:26:00 Hrs on 31.03.2018, 132 kV Agartala - Rokhia 1 and 2 Lines and 132 kV Monarchak - Rokhia Line tripped. Due to tripping of these elements, Rokhia area of Tripura Power System was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	96	8	0.118	0.005	GD-I

NER List of Grid Incidents during March 2018

S.No.	Region	State(s) Involved	Name of Elements	Owner / Agency	Outage		Outage Date & Time	Revival		Restoration Date & Time	Outage Duration	Event (Brief Details)	Generation Loss (MW)	Load Loss MW	Energy Unserviced (MU)	Category as per CEA Grid Standards
					Date	Time		Date	Time							
1	NER	AGTCCPP	AGTCCPP Unit 2, 3, 4, STG 1 and STG 2	NEEPCO	05-Mar-2018	17:26:00	05-Mar-18 17:26:00	05-Mar-2018	18:30:00	05-Mar-18 18:30:00	01:04:00	AGTCCPP Unit 2, Unit 3, Unit 4, STG 1 & 2 tripped at 17:26 Hrs on 05.03.2018 due to Control System UPS problem. (Revision of schedule from Block No.75 on 05.03.2018)	78	0	0.083	GI-I
2	NER	AGTCCPP	AGTCCPP STG-2	NEEPCO	05-Mar-2018	23:50:00	05-Mar-18 23:50:00	06-Mar-18	00:45:00	06-Mar-18 00:45:00	00:55:00	AGTCCPP STG - 2 tripped at 23:50 Hrs on 05.03.2018 due to Control system problem. (Revision of schedule from Block No.4 on 06.03.2018).	3	0	0.003	GI-I
3	NER	AGTCCPP	AGTCCPP Unit 3, 4 and STG-2	NEEPCO	06-Mar-2018	13:06:00	06-Mar-18 13:06:00	06-Mar-2018	13:45:00	06-Mar-18 13:45:00	00:39:00	AGTCCPP Unit 3, Unit 4 & STG 2 tripped at 13:06 Hrs on 06.03.2018 due to Control System UPS problem. (Revision of schedule from Block No.56 on 06.03.2018)	70	0	0.046	GI-I
4	NER	Palatana	Palatana GTG-2 and STG-2	OTPL	08-Mar-2018	12:49:00	08-Mar-18 12:49:00	08-Mar-2018	13:45:00	08-Mar-18 13:45:00	00:56:00	Palatana GTG 2 & STG 2 tripped at 12:49 Hrs on 08.03.2018 due to Exhaust spread High. (Revision of schedule from Block No.56 on 08.03.2018).	232	0	0.216	GI-II
5	NER	Kopili	Kopili Unit 4	NEEPCO	11-Mar-2018	16:26:00	11-Mar-18 16:26:00	11-Mar-2018	17:00:00	11-Mar-18 17:00:00	00:34:00	Kopili Unit 4 tripped at 16:26 Hrs on 11.03.2018 due to stator earth fault. (Revision of schedule from Block No.69 on 11.03.2018).	15	0	0.009	GI-II
6	NER	AGTCCPP	AGTCCPP Unit 2	NEEPCO	12-Mar-2018	16:20:00	12-Mar-18 16:20:00	12-Mar-2018	17:00:00	12-Mar-18 17:00:00	00:40:00	AGTCCPP Unit 2 tripped at 16:20 Hrs on 12.03.2018 due to Lube oil header temperature high. (Revision of schedule from Block No.69 on 12.03.2018)	17	0	0.011	GI-I
7	NER	AGTCCPP	AGTCCPP STG-1	NEEPCO	12-Mar-2018	16:30:00	12-Mar-18 16:30:00	12-Mar-2018	17:00:00	12-Mar-18 17:00:00	00:30:00	AGTCCPP STG 1 tripped at 16:30 Hrs on 12.03.18 due to Lube oil header temperature high. (Revision of schedule from Block No.69 on 12.03.18)	9	0	0.005	GI-I
8	NER	AGTCCPP	AGTCCPP Unit 3	NEEPCO	14-Mar-2018	12:49:00	14-Mar-18 12:49:00	14-Mar-2018	13:30:00	14-Mar-18 13:30:00	00:41:00	AGTCCPP Unit 3 tripped at 12:49 Hrs on 14.03.18 due to Machine control center low voltage. (Revision of schedule from Block No.55 on 14.03.18).	16	0	0.011	GI-I
9	NER	AGTCCPP	AGTCCPP STG-1	NEEPCO	14-Mar-2018	13:57:00	14-Mar-18 13:57:00	14-Mar-2018	15:30:00	14-Mar-18 15:30:00	01:33:00	AGTCCPP STG 1 tripped at 13:57 Hrs on 14.03.18 due to Main stream temperature low. (Revision of schedule from Block No.63 on 14.03.18).	5	0	0.008	GI-I
10	NER	AGTCCPP	AGTCCPP Unit 2	NEEPCO	14-Mar-2018	14:46:00	14-Mar-18 14:46:00	14-Mar-2018	15:30:00	14-Mar-18 15:30:00	00:44:00	AGTCCPP Unit 2 tripped at 14:46 Hrs on 14.03.18 due to Boiler tripped . (Revision of schedule from Block No.63 on 14.03.18).	16	0	0.012	GI-I
11	NER	AGTCCPP	AGTCCPP Unit 1	NEEPCO	14-Mar-2018	14:47:00	14-Mar-18 14:47:00	14-Mar-2018	15:30:00	14-Mar-18 15:30:00	00:43:00	AGTCCPP Unit 1 tripped at 14:47 Hrs on 14.03.18 due to control oil pressure low. (Revision of schedule from Block No.63 on 14.03.18).	15	0	0.011	GI-I
12	NER	AGBPP	AGBPP Unit 3	NEEPCO	15-Mar-2018	22:11:00	15-Mar-18 22:11:00	15-Mar-2018	23:00:00	15-Mar-18 23:00:00	00:49:00	AGBPP Unit 3 tripped at 22:11 Hrs on 15.03.18 due to . (Revision of schedule from Block No.93 on 15.03.18).	33	0	0.026	GI-II

S.No.	Region	State(s) Involved	Name of Elements	Owner / Agency	Outage		Outage Date & Time	Revival		Restoration Date & Time	Outage Duration	Event (Brief Details)	Generation Loss (MW)	Load Loss MW	Energy Unserviced (MU)	Category as per CEA Grid Standards
					Date	Time		Date	Time							
13	NER	AGTCCPP	AGTCCPP Unit 1, Unit 3, Unit 4, STG-1 and STG-2	NEEPCO	22-Mar-2018	09:55:00	22-Mar-18 09:55:00	22-Mar-2018	10:45:00	22-Mar-18 10:45:00	00:50:00	AGTCCPP Unit 1, Unit 3, Unit 4, STG 1 & II tripped at 09:55 Hrs on 22.03.18 due to Exhaust pressure high. (Revision of schedule from Block No.44 on 22.03.18)	72	0	0.060	GI-I
14	NER	AGTCCPP	AGTCCPP STG-2	NEEPCO	26-Mar-2018	17:47:00	26-Mar-18 17:47:00	26-Mar-2018	18:15:00	26-Mar-18 18:15:00	00:28:00	AGTCCPP STG 2 tripped at 17:47 Hrs on 26.03.2018 due to lubrication oil pressure low. (Revision of schedule from Block No.74 on 26.03.2018).	22	0	0.010	GI-I
15	NER	AGTCCPP	AGTCCPP STG-2	NEEPCO	27-Mar-2018	08:59:00	27-Mar-18 08:59:00	27-Mar-2018	09:45:00	27-Mar-18 09:45:00	00:46:00	AGTCCPP STG 2 tripped at 08:59 Hrs on 27.03.2018 due to high exhaust steam pressure. (Revision of schedule from Block No.40 on 27.03.2018).	18	0	0.014	GI-I
16	NER	AGTCCPP	AGTCCPP Unit 2	NEEPCO	31-Mar-2018	10:08:00	31-Mar-18 10:08:00	31-Mar-2018	12:00:00	31-Mar-18 12:00:00	01:52:00	AGTCCPP Unit 2 tripped at 10:08 Hrs on 31.03.2018 due to Lube oil header temperature high. (Revision of schedule from Block No.49 on 31.03.2018).	20	0	0.037	GI-I
17	NER	AGTCCPP	AGTCCPP Unit 3	NEEPCO	31-Mar-2018	11:41:00	31-Mar-18 11:41:00	31-Mar-2018	12:00:00	31-Mar-18 12:00:00	00:19:00	AGTCCPP Unit 3 tripped at 11:41 Hrs on 31.03.2018 due to HRSG tripped. (Revision of schedule from Block No.49 on 31.03.2018).	20	0	0.026	GI-I