

Grid Events for June- 2017

S. No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generati on Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Energy Unserved (in MU)
				Date	Time	Date	Time	Time					
1	NR	1.400kV Chamba-Chamera ckt-2 2.400 kV Jalandhar Chamba ckt-1 3.315MVA 400/220kV ICT 1 at Chamba	NHPC/ POWERGRID	1-Jun-17	18:24	01-Jun-17	19:36	01:12	400 kV Bus Bar protection was operated for Bus-1 of Chamba station. Resulting in tripping of 315MVA ICT-1, 400 KV Chamba-Chamera ckt-2 and 400 kV Chamba-Jalandhar ckt-1. Whereas from PMU, no significant fault observed.	0	0	GI-2	
2	NR	1.400kV Banda-Rewa Road ckt-1&2 2.400/220kV 315MVA ICT-1 at Banda(UP)	Uttar Pradesh	3-Jun-17	12:19	03-Jun-17	15:29	03:10	400kV Banda-Rewa Road ckt 1&2 along with ICT-1 of Banda tripped on R-phase to ground fault at 12:19hrs.As per PMU, Maximum dip observed in R-phase.	0	0	GI-2	
3	NR	1.400kV Patiala-Patran ckt-1&2 2.Patiala-Nalagarh ckt-1 3.Patiala-Panchkula ckt-1&2 4.400kV Bus Reactor at Patiala	POWERGRID/ Patran Transmission Company Limited	7-Jun-17	01:06	07-Jun-17	01:26	00:20	At 01:06hrs, Yellow-phase jumper of 400 kV Patiala-Patran ckt -2 snapped from the jack bus and created bus fault with Blue-phase of Bus-1. From PMU, sharp dip observed in Yellow and Blue phase.Station has closed the lines without taking code from NRLDC	0	0	GI-2	
4	NR	1.400kV Sonipat-Kurukshetra ckt 1 & 2 2.400kV Sonipat-Bahadurgarh 2	POWERGRID	13-Jun-17	22:06	13-Jun-17	22:19	00:13	Due to storm in Haryana, Multiple lines tripped on phase to earth fault in Haryana. From PMU and SoE, multiple faults observed in between 22:06 to 22:18 hrs.	0	0	GI-2	
5	NR	1.400kV Rewa Road - Panki ckt 2.400kV Rewa Road - Banda ckt-2	Uttar Pradesh	16-Jun-17	16:56	16-Jun-17	18:32	01:36	Multiple lines tripped on Y phase to earth fault. From PMU, multiple faults observed inbetween 16:56hrs to 16:57hrs.	0	0	GI-2	
6	NR	1.400kV Ratangarh-Suratgarh ckt-1 2. 315 MVA 400/220kV ICT 2 at Ratangarh	Rajasthan	17-Jun-17	16:17	18-Jun-17	12:53	20:10	Ratangarh 315 MVA ICT-2 tripped on over pressure (Pressure Relief Device) along with 400kV Ratangarh-Suratgarh ckt-1. From PMU No fault signature observed	0	0	GI-2	
7	NR	1. 400kV Rajpura-Dhuri ckt-2 2. 500MVA 400/220kV ICT-3 at Rajpura	POWERGRID/ PUNJAB	18-Jun-17	07:02	18-Jun-17	21:40	14:38	500MVA ICT 3 of Rajpura tripped on Differential and Buchholz. Along with that, 400kV Rajpura-Dhurickt-2 was also tripped. From PMU, Max dip in Blue phase and the fault clearing time was approx 80msec.	0	0	GI-2	
8	NR	1.400kV Jhatikara-Bamnauli ckt-2 2.500MVA 400/220kV ICT-2 and 3 at Bamnauli 3.220kV Bamnauli-Dwarka1 ckt-1&2	Delhi	18-Jun-17	17:49	18-Jun-17	22:25	04:36	400kV Jhatikara-Bamnauli-2 tripped on phase to phase fault (Yellow-Blue) at a distance of 10km from Jhatikara end. Since 400kV Bus split at Bamnauli, 500MVA ICT-2 & 3 were radial. Hence along with line, 500MVA ICT-2 & 3 also tripped. From PMU, Max dip observed in Yellow and Blue phase, whereas fault clearing time was approx 500msec.	0	400	GD-1	0.9
9	NR	1.400kV Merta-Heerapura ckt 2.400kV Merta-Shree Cement ckt 3.400kV Merta-Kota ckt 4.315MVA ICT 1,2,&3 at Ratangarh	Rajasthan	21-Jun-17	02:22	18-Jun-17	21:40	19:18	Due to thunderstorm, at 02:22hrs multiple lines emanating from 400kV Merta tripped on Over voltage. Further, at 04:42hrs Ratangarh's ICT 1,2,&3 were also tripped . From PMU, Over voltage tripping observed within 3sec, whereas no fault signature observed at 04:42hrs.	0	0	GI-2	

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10	NR	1.765kV Fatehabad-Lalitpur ckt-1 2.765kV Fatehabad-Lalitpur ckt-2 3.660MW Unit #2 of Lalitpur TPS 4.660MW Unit #3 of Lalitpur TPS	Uttar Pradesh	21-Jun-17	14:14	21-Jun-17	18:11	03:57	At 14:14:11hrs 765kV Fatehabad-Lalitpur ckt-2 tripped on zone 1 protection, 765kV Fatehabad-Lalitpur ckt-1 also tripped on Zone-1 protection after 10sec. Due to loss of major evacuation path, SPS operated. Resulted into loss of 800MW generation on tripping of Lalitpur TPS units 2 & 3.	800	0	GD-1	
11	NR	1. 400kV Dadri-Panipat ckt-1 2. 400kV Dadri Bus-1	NTPC/ POWERGRID	22-Jun-17	20:37	23-Jun-17	17:56	21:00	Bus bar protection operated at 400/220kV Dadri NTPC station leads to tripping of 400kV Dadri-Panipat1 line. From PMU, NO fault signature observed. The same type of tripping had happened at 400kV Dadri NTPC on 01-06-2017 at 04:28hrs also.	0	0	GI-2	
12	NR	1.400kV Agra(PG)-Fatehabad ckt 2.400kV Fatehabad-Mathura ckt	Uttar Pradesh/ POWERGRID	24-Jun-17	20:04	24-Jun-17	20:26	00:22	Agra(UP)-Fatehabad 765 (UP) ckt-2 was under planned shutdown, at 20:04hrs 400kV Agra(PG)-Fatehabad and 400kV Fatehabad-Mathura lines tripped, resulted in overloading of 400kV Agra(UP)-Fatehabad line(1400MW). From PMU, two severe dips observed in Blue-phase. Along with that, damped oscillations were also observed in Agra PMU after tripping of both the lines.	0	100	GD-1	0.018333
13	NR	1.220kV Chittorgarh-RAPS (NPCIL) ckt-1 2.220kV Chittorgarh-RAPS (NPCIL) ckt-2	Rajasthan/ NPCIL	26-Jun-17	17:10	26-Jun-17	17:44	00:34	220kV Chittorgarh-RAPS (NPCIL) ckt 1 & 2 tripped on earth fault. From PMU, max dip observed in Yellow-phase and auto reclosure was unsuccessful.	0	0	GI-1	
14	NR	1.400/220 kV ICT-I & 2 at Kaithal 2.400/220 kV ICT-1& 2 at Kirori 3.220kV Khedar-Kirori ckt 1 & 2 4.220kV Kirori-Jind ckt 1 & 2 5.220 kV PTPS -Jind 1 & 2 6.220 kV PTPS safidon 1.2 & 3	Haryana/ POWERGRID	27-Jun-17	00:15	27-Jun-17	00:50	00:35	Multiple 220kV lines tripped in Haryana control area along with 400/220kV ICTs at Kirori (HVPNL) and Kaithal (PG) station. From PMU, no significant fault signature observed. But, sudden votage rise observed.	250	1750	GD-1	0.510417
15	NR	1.400kV Mukatsar-Talwandi Sabo ckt-2 2.400kV Makhu-Mukatsar ckt-2	Punjab	27-Jun-17	15:50	27-Jun-17	17:07	01:17	400kV Mukatsar-Talwandi Sabo ckt-2 and Maku-Mukatsar ckt-2 tripped on earth fault. From PMU, dip observed in all three phases	0	0	GI-2	
16	NR	1. 132KV Sitarganj - PITCUL ckt-2 2. 220KV Sitarganj - Tankpur 3. 220KV Sitarganj - CB Ganj 4. Sitarganj - 220/132kV ICT-I	POWERGRID/ NHPC/ Uttar Pradesh	30-Jun-17	08:55	30-Jun-17	10:55	02:00	As reported, 220KV Sitarganj - CB Ganj Line Jumper burnt leads to tripping of 132KV Sitarganj - PITCUL -2,220KV Sitarganj - Tankpur, 220KV Sitarganj - CB Ganj and ICT-I of Sitarganj.	0	34	GD-1	0.034
17	ER	132 kV Lakhisarai - Jamui D/C	BSPTCL	4-Jun-17	17:28	04-Jun-17	18:03	00:35	132 kV Jamui-Seikhpur S/C was under shutdown. Transient R-N fault occurred at 132/33 kV transformer I & II at Jamui. To clear the fault 132 kV Lakhisarai - Jamui D/C tripped from Lakhisarai end on Z-III(Jamui was radially connected to Lakhisarai) resulting total power failure at Jamui. Fault distance is 49 km from Lakhisarai. F/C is 1.745kA.	0	30	GD-I	0.0175
18	ER	132 kV CTPS A -Putki Q/C 132 kV CTPS A -Rajbera D/C 132 kV CTPS A A-BSL D/C 132 kV CTPS A -Ramkanali S/C 132 kV CTPS A-Biada D/C 132 kV CTPS A-Gola D/C	DVC	5-Jun-17	00:05	05-Jun-17	02:07	02:02	All 132 kV lines connected to CTPS A S/S along with Unit VII & VIII at CTPS B and 220/132 kV ATR - I, II & III (160 x 2 +150) at CTPS A tripped due to CT failure of 132 kV CTPS A-Rajbera-II at CTPS A end.	450	450	GD-I	0.915

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19	ER	220 kV Ranchi – Hatia D/C 220 kV Biharshariff – Tenughat S/C 400/220 kV ICT– I & III at Biharshariff 220 kV Patna – Fatuah S/C 220 kV Darbhanga – Ujjarpur S/C (Manually switched off)	JUSNL, BSPTCL & ISTS	5-Jun-17	20:27	05-Jun-17	20:25	23:58	At 20:27 hrs 220 kV Ranchi – Hatia D/C tripped due to Y-N fault in Circuit I. After tripping of 220 kV Ranchi – Hatia D/C, both ICTs at Biharshariff tripped due to high loading and 220 kV TVNL – Biharshariff S/C tripped only from TVNL end in Y-N, Z-II (F/D 164 km). After tripping of 220 kV TVNL – Biharshariff S/C & 400/220 kV ICTs at Biharshariff, supply to Hatia, Patratu and its surrounding area was lost. 220 kV Patna – Fatuah S/C tripped on overload and 220 kV Darbhanga – Ujjarpur S/C was manually switched off to control line loading.	0	800	GD-I	19.17333
20	ER	400 kV Teesta III – Rangpo S/C 400 kV Teesta III – Dikchu S/C Unit #I, #II, #IV, #V & #VI at Teesta III Unit #I & II at Dikchu	ISTS	6-Jun-17	03:27	06-Jun-17	04:52	01:25	At 03:27 hrs 400 kV Teesta III – Rangpo S/C tripped from both ends on Y-B-N fault, which resulted tripping of all running units (#I, #II, #IV, #V & #VI) at Teesta III and Dikchu (unit #I & II) due to loss of evacuation path. At same time, 400 kV Teesta III – Dikchu S/C tripped from both ends due to O/V.	860	0	GD-I	0
21	ER	220 kV PTPS - Hatia - I 220 kV Tenughat - PTPS S/C 220/132 kV ATR - I, II & III at PTPS	JUSNL	6-Jun-17	14:05	06-Jun-17	14:15	00:10	At 14:05 hrs 220 kV PTPS - Hatia - I tripped from both ends (PTPS end: Z-I & Hatia end: Z-II). At same time 220 kV Tenughat - PTPS S/C tripped from PTPS end on Overload and 220/132 kV ATR - I, II & III at PTPS tripped on operation of E/F, differential protection and master trip relay	150	0	GD-I	0
22	ER	220 KV Muzaffarpur-Hazipur-D/C	BSPTCL	11-Jun-17	11:39	11-Jun-17	12:25	00:46	At 11:39 hrs 220 KV Muzaffarpur-Hazipur-D/C tripped due to Y-B fault (F/D-69.89 Km, F.C- 2.75 KA and 2.45 KA at Muzaffarpur; Y-B, F/C 4.6 kA at Hazipur) resulting total power failure at Hazipur. 220 KV HJP-Amnour - I tripped at same time.	0	170	GD-I	0.130333
23	ER	220 kV Patna - Fatuah S/C 220 kV Sipara - Fatuah S/C 220 kV Biharshariff - Fatuah - I 220 kV Biharshariff - Fatuah - II	BSPTCL	15-Jun-17	06:23	15-Jun-17	06:34	00:11	At 06:23 hrs 220 kV Patna - Fatuah S/C (tripped from Patna), 220 kV Sipara - Fatuah S/C (idle charged portion tripped from Fatuah, Y-N, Z-I, 16.5 km from Fatuah, 2.5 kA), 220 kV Biharshariff - Fatuah - I (tripped from Fatuah, Non Dir. O/C& E/F. IY-2.53 kA,IB-2.4 kA) & 220 kV Biharshariff - Fatuah - II (tripped from Biharshariff, Z-II, 58.47 km, IY-2.75 kA, IB-2.564kA) tripped resulting total loss of supply to Fatuah S/S	0	60	GD-I	0.011
24	ER	400 kV Teesta III - Rangpo S/C	ISTS	17-Jun-17	16:14	17-Jun-17	16:22	00:08	400 kV Teesta III - Rangpo S/C tripped during SPS testing at Teesta III. Unit #1, #2, #4, #5 & #6 at Teesta III & Unit #1 & #2 at Dikchu tripped due to loss of evacuation path. DT was received at Rangpo	773	0	GD-I	0
25	ER	132/33 kV ATR - I & II at Arrah (BSPTCL)	BSPTCL	18-Jun-17	06:15	18-Jun-17	06:45	00:30	132/33 kV ATR - I & II at Arrah (BSPTCL) tripped due to operation of overflux operation.	0	40	GD-I	0.02
26	ER	132 kV Purnea (PG) - Purnea (BSPTCL) - I 220/132 kV ICT I, II & III at Purnea(PG) 220KV New Purnea-Purnea D/C	ISTS	18-Jun-17	13:42	18-Jun-17	15:42	02:00	132 kV Purnea (PG) - Purnea (BSPTCL) - I tripped due to falling of jack bus jumper on Main Bus at Purnea(BSPTCL). At same time 220/132 kV ICT I, II & III at Purnea(PG) & 220KV New Purnea-Purnea D/C line tripped on backup overcurrent.	0	170	GD-I	0.34
27	ER	220kV Birpara-Alipurduar - D/C 220kV Birpara-Binaguri D/C 220kV Birpara-Chukha - D/C 132 kV Birpara - Birpara D/C 220/132 kV ATR - I & II D/C 220 kV B/C at Birpara	ISTS	18-Jun-17	22:37	18-Jun-17	23:21	00:44	220 kV Chukha-Malbase was out of service. As per SOE, 220kV Birpara-Malbase S/C, 220kV Birpara-Alipurduar - II & 220kV Birpara-Chukha - II along with 220 kV B/C tripped from Birpara at 22:37:34:680 hrs. Then 220kV Birpara-Alipurduar - I, 220kV Birpara-Binaguri D/C, 220kV Birpara-Chukha - I, 132 kV Birpara - Birpara D/C along with 220/132 kV ATR - I & II tripped from Birpara (PG) within 100 ms. Operation of bus bar protection at Birpara has been reported. Both bus I & II became dead.	100	100	GD-I	0.073333

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28	ER	220 KV Muzaffarpur-Hazipur-D/C	BSPTCL	19-Jun-17	14:35	19-Jun-17	14:55	00:20	220 KV Muzaffarpur-Hazipur-D/C tripped due to Y-B fault. As Hazipur was radially fed from Muzaffarpur, load loss occurred at surrounding area. In PMU data, two Y-B fault have been observed within 1 sec.	0	165	GD-I	0.055
29	ER	132 KV Samastipur-Hazipur S/C	BSPTCL	23-Jun-17	19:20	23-Jun-17	19:47	00:27	220 KV Muzaffarpur-Hazipur D/C are out due to tower collapse. Hazipur was supplied through 132 KV Samastipur-Hazipur S/C. 132 kV Hazipur - Shetalpur - Chapra link (Shetalpur supplied from Vaishali & Chapra supplied from Siwan) and 132 kV Hazipur - Jandaha link was open from Hazipur to control loading at upstream network. At 19:20 hrs, 132 KV Samastipur-Hazipur S/C tripped due to R phase drop jumper snapping at Samastipur S/S.	0	60	GD-I	0.027
30	ER	132/33 kV ATR - I & II at Arrah (BSPTCL)	BSPTCL	24-Jun-17	14:25	24-Jun-17	14:37	00:12	132/33 kV ATR - I & II at Arrah (BSPTCL) tripped due to operation of overflux operation.	0	100	GD-I	0.02
31	ER	400 kV Teesta III - Rangpo S/C	ISTS	24-Jun-17	15:49	24-Jun-17	16:00	00:11	400 kV Teesta III - Rangpo S/C tripped on O/C from Teesta III end. DT received at Rangpo. Delayed fault clearance has been observed	770	0	GD-I	0
32	ER	220 kV Sasaram - Nandokhar S/C	BSPTCL	28-Jun-17	15:02	28-Jun-17	15:12	00:10	220 KV Ara-Nandokhar S/C was opened due to O/V. Nandokhar was radially connected to Sasaram. Total power failure at Nandokhar occurred after tripping of 220 kV Sasaram - Nandokhar S/C due to DT received at Nandokhar end. 220KV Ara-Khagul D/C were opened due to O/V prior due to disturbance.	0	60	GD-I	0.01
33	ER	220 kV Sasaram - Nandokhar S/C	BSPTCL	28-Jun-17	15:52	28-Jun-17	16:12	00:20	220 KV Ara-Nandokhar S/C was opened due to O/V. Nandokhar was radially connected to Sasaram. Total power failure at Nandokhar occurred after tripping of 220 kV Sasaram - Nandokhar S/C due to DT received at Nandokhar end. 220KV Ara-Khagul D/C were opened due to O/V prior due to disturbance.	0	60	GD-I	0.02
34	ER	400 kV RTPS – Ranchi – I 400 kV RTPS – DSTPS – I 400/220 kV ICT – II ST – II B/R – I	DVC	1-Jun-17	22:00	01-Jun-17	22:39	00:39	At 22:00 hrs main breakers of all elements connected to 400 kV main bus – I at RTPS tripped due to LBB initiation and subsequent operation for the fault in idle charged portion of 400 kV Ranchi – RTPS – III. As per ERLDC SCADA data, power flow in 400 kV DSTPS – RTPS – I & 400 kV Ranchi – RTPS – I became zero.	0	0	GI-II	0
35	ER	220 kV Tarkera - Budhipadar D/C 220 kV Tarkera - Rourkela D/C	OPTCL	6-Jun-17	16:30	06-Jun-17	16:37	00:07	At 16:30 hrs 220 kV Tarkera - Budhipadar D/C tripped due to Y-N fault (Relay indication at Budhipadar Y-N, Z-I). At 16:31 hrs 220 kV Tarkera - Rourkela D/C tripped due to Back up O/C & E/F protection at Rourkela. In Rourkela PMU data, R phase voltage dip observed at 16:30:10 hrs. Fault duration is around 6000 ms Same type of voltage dip has been observed in Ranchi PMU data also. Another voltage dip has been observed at 16:30:80 hrs in R phase. Fault clearing time is 600 ms	0	0	GI-I	0
36	ER	ER part 765kV Dharamjaigarh-Ranchi- I 765kV Dharamjaigarh-Ranchi- II 765kV Dharamjaigarh-Jharsuguda-I 765kV Dharamjaigarh-Jharsuguda-I	ISTS	15-Jun-17	14:23	15-Jun-17	15:17	00:54	At 14:23:12.417, distance protection of Dharamjaigarh-Jabalpur Ckt-3 issued trip command on R-Y fault at both ends. At Dharamjaigarh end, main CB tripped, however, none of the poles of Tie CB tripped, thus all the connected lines tripped on Zone-3 from remote end. LBB did not operate at Dharamjaigarh due to failure in DC supply. Fault was cleared after tripping of 765kV Dharamjaigarh-Ranchi - II after 4 minutes from the fault.	0	0	GI-II	0

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37	ER	400 kV Meeramundali - Mendasal S/C 400 kV GMR - Meeramundali S/C 400 kV Meeramundali - Duburi - I 400 kV Meeramundali - Angul - II 400 kV Meeramundali - SEL D/C 400/220 kV ICT - I	OPTCL	15-Jun-17	15:53	15-Jun-17	16:55	01:02	400 kV Meeramundali - Mendasal S/C, 400 kV GMR - Meeramundali S/C, 400 kV Meeramundali - Duburi - I, 400 kV Meeramundali - Angul - II, 400 kV Meeramundali - SEL D/C, 400/220 kV ICT - I at Meeramundali tripped due to LBB operation of bus - I at Meeramundali.	0	0	GI-II	0
38	NER	132 kV Khliehriat (MePTCL) - Khliehriat (PG) II Line, MHLEP Unit I, II and III	MePTCL, MePGCL	02-Jun-17	20:17	02-06-2017	20:48	00:31	Khliehriat area(Khliehriat, NEHU, NEIGRIHMS, Mustem, Lumshong, Mawlai, Umiam Substation and MLHEP Powerhouse) of Meghalaya Power System was connected with rest of NER Grid through 132 kV Khliehriat (PG)-Khliehriat (MePTCL) II line. (132 kV Panchgram-Lumnsnong line, 132 kV Umiam st1-Umiam line, 132 kV Umiam st1-Mawlai line & 132 kV Mawngap-Mawlai were kept open as 132 kV Khliehriat (PG)-Khliehriat (MePTCL) I & II lines get overloaded in case of keeping these lines in loop). 132 kV Khliehriat (PG)-Khliehriat (MePTCL) I was tripped at 09:40 hrs on 31.05.2017 and restored at 22:33 hrs on 02.06.2017. At 20:17 Hrs on 02.06.2017, 132 kV Khliehriat (PG)-Khliehriat (MePTCL) II line tripped. Due to tripping of this element, Khliehriat area (Khliehriat, NEHU, NEIGRIHMS, Mustem, Lumshong, Mawlai, Umiam Substation and MLHEP Powerhouse) was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	126	105	GD-I	0.04
39	NER	132 kV Monarchak - Udaipur Line, 132 kV Monarchak - Rokhia Line and Monarchak Unit I	TSECL, NEEPCO	02-Jun-17	21:29	02-06-2017	21:36	00:07	Rabindranagar area & Monarchak Power Station of Tripura Power System was connected with rest of NER Grid through 132 kV Monarchak-Udaipur line & 132 kV Monarchak-Rokhia line .(66 kV Bus coupler CB at Rabindranagar & 66 kV Belonia-Bagafa line were kept open as 132/66 kV Transformer at Rabindranagar gets overloaded in case of keeping these lines in loop). At 21:29 Hrs on 02.06.2017, 132 kV Monarchak-Udaipur line & 132 kV Monarchak-Rokhia line tripped. Due to tripping of these elements, Rabindranagar area & Monarchak Power Station were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	66	10	GD-I	0.001167
40	NER	132 kV Monarchak - Rokhia Line , 132 kV Agartala - Rokhia II Line and Rokhia Unit 8	TSECL	02-Jun-17	21:55	03-06-2017	21:51	23:56	Rokhia Power Station was connected with rest of NER Grid through 132 kV Rokhia-Agartal line II & 132 kV Monarchak-Rokhia line.132 kV Rokhia-Agartal line I was tripped at 21:29 Hrs on 02.06.2017.(66 kV Rabindranagar-Rokhia line & 66 kV Rokhia-Badarghat line kept open for system requirement). At 21:55 Hrs on 02.06.2017, 132 kV Rokhia-Agartal line II & 132 kV Monarchak-Rokhia line tripped. Due to tripping of these elements, Rokhia Power Station was separated from rest of NER Grid due to load generation mismatch.	79	0	GD-I	0
41	NER	132 kV Monarchak - Rokhia 1 Line , 132 kV Monarchak - Udaipur Line , Monarchak Unit 1	TSECL , NEEPCO	03-Jun-17	14:10	03-06-2017	14:20	00:10	Rabindranagar area & Monarchak Power Station of Tripura Power System was connected with rest of NER Grid through 132 kV Monarchak-Udaipur line & 132 kV Monarchak-Rokhia line .(66 kV Bus coupler CB at Rabindranagar & 66 kV Belonia-Bagafa line were kept open as 132/66 kV Transformer at Rabindranagar gets overloaded in case of keeping these lines in loop). At 14:10 Hrs on 03.06.2017, 132 kV Monarchak-Udaipur line & 132 kV Monarchak-Rokhia line tripped. Due to tripping of these elements, Rabindranagar area & Monarchak Power Station were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	60	10	GD-I	0.001667
42	NER	132 kV Balipara - Khupi Line	NEEPCO & DoP, AP	07-Jun-17	10:20	07-Jun-2017	10:40:00	00:20	Khupi area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Balipara- Khupi line. At 10:20 Hrs on 07.06.2017, 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	19	GD-I	0.011
43	NER	132 kV Khliehriat- MLHEP-I & II lines , Leshka Units 1,2 &3	MePTCL, MePGCL	07-Jun-17	13:28	07-Jun-2017	10:40:00	00:21	Leshka Power Station of Meghalaya Power System was connected with rest of NER Grid through 132 kV Khliehriat (PG)-MLHEP- I & II lines. At 13:28 Hrs on 07.06.2017, 132 kV Khliehriat (PG)-MLHEP- I & II lines tripped. Due to tripping of these elements Leshka Power Station was separated from rest of NER Grid due to load generation mismatch.	76	0	GD-I	0

Grid Events for June- 2017

S. No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generati on Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Energy Unserved (in MU)
				Date	Time	Date	Time	Time					
44	NER	132 kV Aizawl - Zuangtui 1 Line	POWERGRID	07-Jun-17	16:48	07-Jun-17	10:40:00	00:20	Zuangtui area of Mizoram Power System was connected with rest of NER Grid through 132 kV Aizawl- Zuangtui line. At 16:48 Hrs on 07.06.17, 132 kV Aizawl- Zuangtui 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	18	GD-I	0.012
45	NER	132 kV BTPS - Dhaligaon I & II Line	AEGCL	07-Jun-17	21:19	07-Jun-17	10:40:00	01:56:00	Dhaligaon area (Bornagar, Nalbari, APM, BRPL ,Dhaligaon) of Assam Power System was connected with rest of NER Grid through 132 kV Dhaligaon-BTPS I & II lines (132 kV Rangia-Bornagar line, 132 kV Rangia-Nalbari line and 132 kV Dhaligaon-Gosaigaon line kept open as 132 kV BTPS - Dhaligaon I & II Lines get overloaded in case of keeping these lines in loop). At 21:19 Hr on 07.06.2017, 132 kV Dhaligaon-BTPS I & II lines tripped. Due to tripping of these elements, Dhaligaon area(Bornagar, Nalbari, APM, BRPL and Dhaligaon) was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	127	GD-I	0.246
46	NER	132 kV Agartala - AGTCCPP I & II Lines, 132 kV AGTCCPP - Kumarghat I Line, AGTCCPP Unit 2 , AGTCCPP Extn Unit STG-1 and AGTCCPP Extn Unit STG-2	POWERGRID & NEEPCO	08-Jun-17	02:51	07-Jun-2017	10:40:00	00:49	AGTCCPP Power Station was connected with rest of NER Grid through 132 kV AGTCCPP- Agartala I & II lines and 132 kV AGTCCPP - Kumarghat 1 Line. At 02:51 Hrs on 08.06.2017, 132 kV AGTCCPP-Agartala I & II lines and 132 kV AGTCCPP - Kumarghat 1 Line tripped. Due to tripping of these elements, AGTCCPP Power Station was blacked out from NER Grid.	88	0	GD-I	0
47	NER	132 kV Kumarghat - P K Bari Line, 132 kV PK Bari - Silchar I Line, 132 kV PK Bari- Ambasa Line and 132 kV PK Bari- Kamalpur Line	POWERGRID & TSECL	08-Jun-17	03:05	07-Jun-2017	10:40:00	00:13	PK Bari area of Tripura Power System and Dullavcherra area of Assam Power System were connected with rest of NER Grid through 132 kV P K Bari-Kumarghat line, 132 kV P K Bari- Silchar I line, 132 kV PK Bari- Ambasa Line and 132 kV PK Bari-Kamalpur Line (132 kV P K Bari- Silchar II line was under shutdown since 06:07 Hrs on 02.04.2017 because of tower collapse and 132 kV Hailakandi-Dullavcherra line was under shutdown due to tower collapsed since 06:06 Hrs on 02.04.2017). At 02:51 Hrs on 08.06.2017, 132 kV P K Bari-Kumarghat line, 132 kV PK Bari- Ambasa 1 Line and 132 kV PK Bari-Kamalpur 1 Line tripped. While charging 132 kV PK Bari- Ambasa Line at 03:05 Hrs on 08.06.2017, 132 kV PKBari - Silchar I Line tripped. Due to tripping of these elements, PK Bari area of Tripura Power Systems and Dullavcherra area of Assam Power System was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	20	GD-I	0.008
48	NER	132 kV Khliehriat (MePTCL) - Khliehriat (PG) I&II Lines, 132 kV Khliehriat-MHLEP I & II Lines, MHLEP Unit I, II and III	POWERGRID MePGCL & MePTCL	08-Jun-17	13:38	07-Jun-2017	10:40:00	00:17	Khliehriat area(Khliehriat, MLHEP, NEHU, Mustem, NEIGRIHMS, Mawlai) of Meghalaya Power System was connected with rest of NER Grid through 132 kV Khliehriat (PG)-Khliehriat (MePTCL) I & II lines. (132 kV Panchgram-Lumnsong line, 132 kV NEHU-Umiam line, 132 kV Mawlai-Umiam St-I line & 132 kV Mawlai-Mawngap I line were kept open as 132 kV Khliehriat (MePTCL) - Khliehriat (PG) I & II Lines get overloaded in case of keeping these lines in loop). At 13:38 Hrs on 08.06.2017, 132 kV Khliehriat (PG)-Khliehriat (MePTCL) I & II lines , 132 kV Khliehriat-MHLEP I & II lines and MHLEP Unit I, II and III tripped. Due to tripping of these elements, Khliehriat area(Khliehriat, MLHEP, NEHU, Mustem, NEIGRIHMS, Mawlai) was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	105	68	GD-I	0.029
49	NER	400 kV Azara - Silchar Line, 400 kV Killing (Byrnihat) - Silchar Line, 132 kV Badarpur - Khliehriat Line and 132 kV Dimapur - Imphal Line	POWERGRID, NETC & MePTCL	08-Jun-17	14:58	07-Jun-2017	10:40:00	00:16	Tripura, Bangladesh (South Comilla), South Assam, Manipur and Mizoram Power Systems were connected with rest of NER Grid through 400 kV Silchar - Byrnihat line, 400 kV Azara-Silchar line, 132 kV Badarpur - Khliehriat line & 132 kV Dimapur – Imphal line (132 kV Haflong - Jiribam line was under shutdown since 08:00 Hrs on 18.05.17, 132 kV Karong-Kohima line kept open as 132 kV Dimapur(PG)-Kohima line gets overloaded in case of keeping this line in loop, 132 kV Lumshong-Punchgram line kept open for SPS requirement). At 14:58 Hrs on 08.06.17, 400 kV Silchar - Byrnihat line and 400 kV Azara-Silchar line tripped. Autoreclosure was successful at Silchar end for 400 kV Azara-Silchar line & 400 kV Killing (Byrnihat) - Silchar Line and breaker remain closed at Silchar end so SPS-3 was not operated. Due to tripping of these lines, 132 kV Badarpur - Khliehriat line & 132 kV Dimapur – Imphal line overloaded and tripped. Due to tripping of these lines, Tripura, Bangladesh (South Comilla), South Assam, Manipur, Mizoram Power Systems of NER was separated from rest of NER grid and subsequently collapsed due to load generation mismatch.	664	403	GD-III	0.186

Grid Events for June- 2017

S. No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generati on Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Energy Unserved (in MU)
				Date	Time	Date	Time	Time					
50	NER	132 kV Dimapur (PG) - Kohima Line	DoP, Nagaland & POWERGRID	14-Jun-17	09:27	14-Jun-2017	20:21:00	10:54:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG)-Kohima line (132 kV Kohima-Karong line, 132 kV Wokha-Kohima line & 66 kV Tuensang-Likimro line kept open as 132 kV Dimapur(PG)-Kohima line get overloaded in case of keeping these lines in loop). At 09:27 Hrs on 14.06.2017, 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 no source in this area.	0	16	GD-I	0.174
51	NER	132 kV Loktak - Ningthoukhong 1 Line	MSPCL	14-Jun-17	14:51:00	14-Jun-2017	15:02:00	00:11:00	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 as 132 kV Loktak - Ningthoukhong 1 Line get overloaded in case of keeping these lines in loop). At 14:51 Hrs on 14.06.17, 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	12	GD-I	0.004
52	NER	132 kV Agartala - AGTCCPP I&II Line, 132 kV Agartala - Dhalabil Line, 132 kV Palatana - Surajmaninagar Line, 132 kV Jirania - Budhjungnagar Line and 132 kV Monarchak -Rokhia Line	POWERGRID, TSECL and OTPCL	19-Jun-17	02:44	19-Jun-2017	03:00:00	00:16:00	Monarchak Power Station, Rokhia Power station, Agartala area and Surajmaninagar area of Tripura Power Systems and Bangladesh (South Comilla) Power System were connected with rest of NER Grid through 400 kV Palatana - Surajmaninagar line, 132 kV Monarchak-Rokhia I line, 132 kV Agartala-AGTCCPP I & II lines, 132 kV Agartala - Dhalabil line, 132 kV Budhjungnagar - Jirania line. At 02:45 Hrs on 19th Jun'17, 400 kV Palatana - Surajmaninagar line, 132 kV Agartala-AGTCCPP I & II lines, 132 kV Agartala - Dhalabil line, 132 kV Agartala -	154	166	GD-II	0.097
53	NER	132 kV Dimapur (PG) - Kohima 1 Line	DoP, Nagaland & POWERGRID	19-Jun-17	12:00	19-Jun-2017	12:13:00	00:13:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG)-Kohima line (132 kV Kohima-Karong line, 132 kV Wokha-Kohima line & 66 kV Tuensang Likimro line kept open as 132 kV Dimapur(PG)-Kohima line gets overloaded in case of keeping these lines in loop). At 12:00 Hrs on 19.06.2017, 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 no source in this area.'	0	12	GD-I	0.003
54	NER	132 kV Imphal (MSPCL) - Imphal (PG) I&II Lines	POWERGRID & MSPCL	23-Jun-17	11:04	23-Jun-2017	11:13:00	00:09:00	Capital area & Karong area of Manipur Power Systems were connected with rest of NER Grid through 132 kV Imphal-Imphal I & II lines (132 kV Kakching-Kongba line & 132 kV Karong-Kohima line kept open as 132 kV Imphal-Imphal I & II lines get overloaded in case of keeping these lines in loop). At 11:04 Hrs on 23.06.17, 132 kV Imphal-Imphal I & II lines tripped. Due to tripping of these elements, Capital area & Karong area were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	44	GD-I	0.019
55	NER	132 kV Imphal (MSPCL) - Imphal (PG) I&II Lines	POWERGRID & MSPCL	23-Jun-17	13:04	23-Jun-2017	13:11:00	00:07:00	Capital area & Karong area of Manipur Power Systems were connected with rest of NER Grid through 132 kV Imphal-Imphal I & II lines (132 kV Kakching-Kongba line & 132 kV Karong-Kohima line kept open as 132 kV Imphal-Imphal I & II lines get overloaded in case of keeping these lines in loop). At 13:04 Hrs on 23.06.17, 132 kV Imphal-Imphal I & II lines tripped. Due to tripping of these elements, Capital area & Karong area were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	40	GD-I	0.009
56	NER	132 kV Palatana - Udaipur Line and 132 kV Rokhia - Monarchak Line & Monarchak Units 1 & 2	TSECL, NEEPCO	24-Jun-17	10:05	24-Jun-2017	10:27:00	00:22:00	Monarchak Power Station and Udaipur area of Tripura Power System were connected with rest of NER Grid through 132 kV Palatana-Udaipur I line and 132 kV Monarchak-Rokhia I line. At 10:04 Hrs on 24.06.2017, 132 kV Palatana-Udaipur I line and 132 kV Monarchak-Rokhia I line tripped. Due to tripping of these elements, Monarchak Power Station and Udaipur area were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	94	13	GD-I	0.005

Grid Events for June- 2017

S. No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generati on Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Energy Unserved (in MU)
				Date	Time	Date	Time	Time					
57	NER	132 kV Kumarghat - P K Bari Line, 132 kV Dhalabil- Kamalpur Line and 132 kV Ambasa-Gamaitilla Line	POWERGRID & TSECL	26-Jun-17	17:15	08-Jun-2017	03:24:00	00:22:00	PK Bari area of Tripura Power System and Dullavcherra area of Assam Power System were connected with rest of NER Grid through 132 kV P K Bari-Kumarghat line, 132 kV Ambasa-Gamaitilla Line and 132 kV Dhalabil-Kamalpur Line (132 kV P K Bari-Silchar I line was under shutdown since 01:29 Hrs on 26.06.2017 due to conductor snapping at Loc No (123-124), 132 kV P K Bari-Silchar II line was under shutdown since 06:07 Hrs on 02.04.2017 because of tower collapse and 132 kV Hailakandi-Dullavcherra I line was under shutdown due to tower collapsed since 06:06 Hrs on 02.04.2017). At 17:15 Hrs on 26.06.2017, 132 kV P K Bari-Kumarghat line, 132 kV Ambasa- Gamaitilla Line and 132 kV Dhalabil-Kamalpur Line tripped. Due to tripping of these elements, PK Bari area of Tripura Power System and Dullavcherra area of Assam Power System were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	50	GD-I	0.03
58	NER	132 kV Dimapur (PG) - Kohima 1 Line	POWERGRID & TSECL	28-Jun-17	11:37	28-Jun-2017	11:51:00	00:14:00	Capital area of Nagaland Power System was connected with rest of NER Grid through 132 kV Dimapur(PG)-Kohima line (132 kV Kohima-Karong line, 132 kV Wokha-Kohima line & 66 kV Tuensang Likimro line kept open as 132 kV Dimapur(PG)-Kohima line get overloaded in case of keeping these lines in loop). At 11:37 Hrs on 28.06.2017, 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 no source in this area.	0	10	GD-I	0.004
59	NER	132 kV Kumarghat - P K Bari Line, 132 kV Dhalabil-Kamalpur Line	POWERGRID & TSECL	28-Jun-17	11:33:00	28-Jun-2017	11:43:00	00:10:00	PK Bari area of Tripura Power System and Dullavcherra area of Assam Power System were connected with rest of NER Grid through 132 kV P K Bari-Kumarghat line and 132 kV Dhalabil-Kamalpur Line (132 kV Kamalpur-Ambasa line was open at Kamalpur end due to overloading, 132 kV P K Bari-Ambasa line was under shutdown since 18:18 Hrs on 26.06.2017, 132 kV P K Bari-Silchar I line was under shutdown since 01:29 Hrs on 26.06.2017 due to conductor snapping at LOC (123-124), 132 kV P K Bari-Silchar II line was under shutdown since 06:07 Hrs on 02.04.2017 because of tower collapse and 132 kV Hailakandi-Dullavcherra I line was under shutdown due to tower collapsed since 06:06 Hrs on 02.04.2017). At 11:33 Hrs on 28.06.2017, 132 kV P K Bari-Kumarghat line and 132 kV Dhalabil-Kamalpur Line tripped. Due to tripping of these elements, PK Bari area of Tripura Power System and Dullavcherra area of Assam Power System were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	35	GD-I	0.005
60	NER	132 kV Lekhi - Nirjuli Line	DoP, AP & POWERGRID	29-Jun-17	12:09	29-Jun-2017	12:24:00	00:15:00	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 (132 kV Balipara-Gohpur line & 132 kV Bus Coupler CB of Gohpur kept open as 132 kV Lekhi-Nirjuli line gets overloaded in case of keeping this line and Bus Coupler at Gohpur in loop). At 12:09 Hrs on 29.06.2017, 132 kV Lekhi-Nirjuli line tripped. Due to tripping of this element, Nirjuli area & Gohpur area were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	32	GD-I	0.008
61	NER	132 kV Dimapur (PG) - Kohima Line	DoP, Nagaland & POWERGRID	30-Jun-17	13:18	30-Jun-2017	13:26:00	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 Kohima-Karong line, 132 kV Wokha-Kohima line & 66 kV Tuensang Likimro line kept open as 132 kV Dimapur(PG)-Kohima line gets overloaded in case of keeping these lines in loop). At 13:18 Hrs on 30.06.2017, 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 no source in this area.	0	14	GD-I	0.002
62	NER	Loktak Unit 1	NHPC	07-Jun-17	14:07	07-Jun-2017	15:00	00:53	Lokatk Unit 1 tripped at 14:07 Hrs on 07.06.17 due to loss of excitation. (Revision of schedule from Block No. 61 on 07.06.17)	35	-	GI-I	0.031

Grid Events for June- 2017

S. No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generati on Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Energy Unserved (in MU)
				Date	Time	Date	Time	Time					
63	NER	Khandong Unit 2	NEEPCO	24-Jun-17	03:28	24-Jun-2017	04:00	00:32	Khandong Unit 2 tripped at 03:28 Hrs on 24.06.17 due to Generator Rotor earth fault. (Revision of schedule from Block No. 17 on 24.06.17)	19	-	GI-I	0.010
64	SR	1) 230 kV Alandur-AlagarKoil line 2) 230 KV Alandur-Pudukkotai line 3) 230 kV Alandur-Paramathy line 4) 230 kV Alandur-Thanjavur I & II 5) 230 kV Alandur-Trichy I & II 6)230/110kV ICT-1,2	TANTRANSCO	6-Jun-17	04:49	06-Jun-17	05:54	01:59	Complete outage of 230kVAlandur substation of TANTRANSCO. Triggering incident was flashover of 230kV suspension disc insulator of 230kV Bus-A	0	Nil	GD- 1	---
65	SR	1) 230kV Kadaperi -Sriperumpudur line-1&2 2) 230kV Kadaperi- Kalivanthupattu 3) 230/110kV ICT-1,2 &3 4) 230kV Kadaperi – Alandur 5)All 110kV radial feeders	TANTRANSCO	21-Jun-17	17:43	21-Jun-17	18:02	07:26	Complete outage of 230kV Kadaperi Subatation of TANTRANSCO. 230kV Kadaperi –Sriperumpudur Line-1, 230kV Kadaperi – Kalivanthupattu tripped due to Y-N and B-N fault. 230kV ICT-1,2&3 and other 230kV feeders were hand tripped.	0	272	GD-1	---
66	SR	1) 220kV feeders HSR, IPTL, TKHalli, Subramanyapura & Yerandahalli 2) 400/220kV ICT-1,2&3	KPTCL/ Karnataka	27-Jun-17	07:40	27-Jun-17	08:16	14:24	ICT-1, 2 & 3 Tripped on operation of 220kV Bus-bar protection (220kV South bus). Suspected mal-operation of busbar protection.	Nil	750	GI-1	0.562
67	WR	Tripping of 1. 400/220 kV, 500 MVA ICT-1 2. 400/220 kV, 500 MVA ICT-3	MSETCL	1-Jun-17	07:20	01-Jun-17	08:30	01:10	Bus Bar protection operated due to Bird nest at B Phase bus gantry tension insulator String at 400/220 kV Kalwa Sub Station.	Nil	Nil	GI-2	Nil
68	WR	Tripping of 1.400 kV Jejuri - Lonikhand 2.400 kV Jejuri - New Koyna Stage IV 3.400 kV/220 kV, 500 MVA Jejuri ICT 1 3.400 kV /220 kV, 500 MVA Jejuri ICT 2	MSETCL	1-Jun-17	22:17	01-Jun-17	23:27	01:10	400 kV Main Bus1 Earth Switch String Burst and tripped on Zone 2 protection operated at the mentioned lines from other end of Jejuri S/s due to non operation of Bus Bar protection which leads to Blackout of entire Substation.	Nil	500	GD-1	0.5833
69	WR	Tripping of 1. 800 kV HVDC Champa-Kurukshetra Pole-I 2. 765 kV Jabalpur(PS)-Bina(PG)-I & III 3. 765 kV Bina(PG)-Gwailor(PG)-III 4. 765 kV Bina(PG)-Indore(PG)-S/C 5. 765 kV Bina(PG)-Gwailor(PG)-II 6. 765 kV Jabalpur(PS)-Bhopal(BDTCL)-S/C 7. 765 kV Seoni(PG)-Wardha(PG)-I 8. 765 kV Bhopal(BDTCL)-Indore(PG)-S/C 9. 765 kV Aurangabad-Wardha-II 10. 400 kV ITARSI-INDORE(MP)-II 11. 400 kV BINA(PGCIL)-SUJALPUR D/C 12. 400 kV BINA(MP)-JP BINA(BPSCL) S/C 13. 400 kV BINA(MP)-VEDAMARA KOBADI	PGCIL/ MPPTCL/ RTCL/ JP NIGRIE	5-Jun-17	14:04	05-Jun-17	14:47	00:43	Due to inclement weather at Bina, Indore and Bhopal Multiple tripping event occurred.	1083	150	GD-1	To be submitted by MP SLDC

Grid Events for June- 2017

S. No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generati on Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Energy Unserved (in MU)
				Date	Time	Date	Time	Time					
70	WR	Tripping of 1. 400/220 kV ICT-3 2. 220 kV Bina-Datiya 3. 220 kV Bina-Sagar-2 4. 220 kV Bina-Bina I/C-2 5. 220 kV Bina-BORL-2 6. 220 kV Bina-Bina (PG) 7. 220 kV Bina-Shivpuri	MPPTCL	6-Jun-17	19:39	06-Jun-17	20:21	00:42	Due to Bus bar protection operation at Bina MP	Nil	Nil	GI-1	Nil
71	WR	Tripping of 1.Kawas - Vav 1 2.Kawas - Vav 2 3.Kawas - Navsari 1 4.Kawas - Navsari 2 5.Kawas - Icchapore 2 6.Kawas - Haldarwa 1 7.Kawas - Haldarwa 2 8.Kawas GT 2A 9.Kawas GT 2B 10.Kawas ST 2C	NTPC	12-Jun-17	13:37	12-Jun-17	14:21	00:41	B phase fault on 220kV Icchapore 2 not cleared and LBB operated which leads to tripping of all outgoing lines and Generating units.	312	Nil	GD-1	Nil
72	WR	Tripping of 1.400 kV RKM Power -Raigarh PS(Kotra) 1 2.400 kV RKM Power -Raigarh PS(Kotra) 2 3.360 MW RKM Unit 1	RKM/PGCIL	12-Jun-17	17:07	12-Jun-17	17:46	00:39	Due to the loss of evacuation lines on earth fault	149	Nil	GD-1	Nil
73	WR	Tripping of 1.765 kV Dharamjaygarh PG - Jabalpur 1 2.765 kV Dharamjaygarh PG- Jabalpur 2 3.765 kV Dharamjaygarh PG- Jabalpur 3 4.765 kV Dharamjaygarh PG Jabalpur 4 5.765 kV Dharamjaygarh PG - Ranchi 1	PGCIL/BALCO /KSK	15-Jun-17	14:23	15-Jun-17	15:12	00:49	Due to Phase to Phase fault occurred on 765kV Jabalpur PS-Dharamjaygarh-III, while clearing fault the tie breaker got stuck and Bus bar protection failed that has caused tripping of lines from remote end.	1400	940	GD-1	To be submitted by BALCO
74	WR	Tripping of 1.400 kV VSTPS - Satna 3 2.400 kV Vindhychal - Satna IV - 4 3.400 kV VSPTPS III - VSTPS V -1 4.400 kV Vindhychal(NTPC)-Vindhychal HVDC(PG)-II 5. 500 MW VSTPS Unit-9	NTPC / PGCIL	16-Jun-17	15:27	16-Jun-17	17:28	02:01	LBB protection operated due to fault not cleared on 400kV VSTPS - Satna 3 ckt.	395	Nil	GI-2	Nil
75	WR	Tripping of 1.220 kV Taloja - Kalwa 2.220 kV Taloja - OCIL 1 3.220 kV/100 kV, 100 MVA CGL ICT-1 4.220 kV/22 kV,50 MVA CGL Transformer 1	MSETCL	23-Jun-17	20:54	23-Jun-17	21:43	00:49	On Bus Bar Protection operation of Bus section I due to 220 kV B Phase CT burst at 220 kV Taloja - Kalwa	Nil	12.11	GI-1	0.0098
76	WR	Tripping of 1.765/400 kV, 1500 MVA Tamnar ICT-2 2.400 kV Tamnar(PS)-TRN Energy(Raigarh)-I 3.400 kV JPL_extn(Tamnar)-Tamnar(PS)-III 4.400 kV Tamnar-Raipur-II	PGCIL/ACBIL/JPL	24-Jun-17	15:50	24-Jun-17	16:40	00:50	Inclement Weather Conditions at JPL causing multiple tripping.	300	Nil	GI-2	Nil

Grid Events for June- 2017

S. No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generati on Loss (MW)	Load Loss (MW)	Category as per CEA Grid Standards	Energy Unserved (in MU)
				Date	Time	Date	Time	Time					
77	WR	Tripping of 1.400 kV /220 kV, 315 MVA Magarwada ICT - 2 2.220 kV Magarwada(PG) - Magarwada 1 3.220 kV Magarwada(PG) - Magarwada 2	DNH/PGCIL	24-Jun-17	16:02	24-Jun-17	16:52	00:50	Inclement Weather Conditions at Magarwada and Kala.	Nil	160	GD-1	0.1333
78	WR	Tripping of 1.220 kV KWB - Chhuri 1 2.220 kV KWB - Chhuri 2 3.220 kV KWB - DSPM 4.220 kV KEB - DSPM 5.220 kV KWB - KEB I/C No. 1 6.220 kV KWB - KEB I/C No. 2 7.220 kV KWB - Mopka 8.400 kV /220 kV, 500 MVA Korba(West) ICT 1 9.120 MW Korba(East) Unit No. 5 10.120 MW Korba(East) Unit No. 6 11.210 MW Korba(West) CSPGCL Unit No.1 12.210 MW Korba(West) CSPGCL Unit No.2 13.210 MW Korba(West) CSPGCL Unit No.3	CSPGCL	25-Jun-17	11:55	25-Jun-17	12:16	00:21	Tripping of 220 kV KWB - Chhuri 1&2 leads to the blackout of Korba West S/s.	788	Nil	GD-1	Nil
79	WR	Tripping of 1. 400/220 kV, 500 MVA ICT-1 2. 400/220 kV, 500 MVA ICT-3 3.220 kV Kalwa - Colourchem 4.220 kV Kalwa - Mulund 2 5.220 kV Kalwa - Shalshett 4 6.220 kV Kalwa - TIFIL 7.220 kV Kalwa - Trombay	MSETCL	25-Jun-17	02:21	25-Jun-17	03:21	01:00	LBB operation due to to faulty B phase CB pole at 220 kV Kalwa - Colourchem lineb at Kalwa S/s	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.