									Details of	Grid Events du	ring the N	Ionth of April 2023 in Northern Region	💱 ग्रिड-इंडिया GRID-INDIA
SI No.	Category of Grid Event	Affected Area	Time and Date of occurrence of	Time and Date of Restoration	Duration	Loss of generation the G	a / loss of load during rid Event	% Loss of generation Antecedent General Regional Grid durin	/ loss of load w.r.t tion/Load in the ng the Grid Event	Antecedent Generatio Regional G	on/Load in the irid*	Brief details of the event (are fault and nost fault votem conditions)	Elements Tripped
	(GI 1or 2/ GD-1 to GD-5)		Grid Event		(HH:MM)	Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Loa (MW)		
1	GI-2	Haryana	01-Apr-2023 17:53	01-Apr-2023 22:55	5:02	0	130	0.000	0.343	34226	37899	() 400/220KV Daulatabad(tist) 5(r has one and half breaker bus scheme. (i) A topOrted, at 17:53trs, Bry Aplase to earth fault occurred on 400 KV Dhanonda-Daulatabad (trV) Ckt-1 due to LA blast at Daulatabad end. At the same time, all the Main Sin other dia subtin where connected at 400 KV bas-1 also operad. (ii) As per PAU, YE phase to phase tout with the dealyand dearance of J domines is observed. (ii) As per PAU, YE phase to phase tout with the dealyand dearance of J domines is observed. (ii) As per PAU, YE phase to phase tout with the dealyand dearance of J domines is observed. (ii) As per SchOb, change in demain of approx. 130MV in Hanyana control area is observed.	1) 400/220 kV 315 MVA ICT 4 at Daulstabad(IVV) 2) 400 KV Dhanonda-Daulstabad (IVV) Ck-1
2	GI-2	Rajasthan	01-Apr-2023 21:41	02-Apr-2023 00:06	2:25	0	125	0.000	0.313	32056	39892	(1) 220 VK KotajPG) has double main transfer bus scheme. During antecedent condition, 400/220 VK 315 MVA KT 1, 220 VV Duni(RS)-KotajPG) Ckt and 220 VK KotajPG) KT-5 VK Kotaj	11 400/220 kV 315 MVA (CT-1 at Kota/PG) 21 220KV Bus 1 at Kota/PG) 31 230 V Dun(RS)-Kota/PG (NS) Oc.1 31 230 V Dun(RS)-Kota/PG (NS) Oc.1 51 250 V Dun(RS)-Ko
3	GI-2	Rajasthan	01-Apr-2023 12:52	01-Apr-2023 15-39	2:47	O	0	0.000	0.000	42863	38557	II 40DW Suntgarh SCTPS had one and half breaker bus scheme. 400W Suntgarh SCTPS Suntgarh dd: 18.27 acts as interconnector between Suntgarh SCTPS flashed dd: 18.27 acts as interconnector between Suntgarh SCTPS flashed dd: 18.27 acts as interconnector between Suntgarh SCTPS flashed dd: 18.27 acts as interconnector between Suntgarh SCTPS flashed dd: 18.27 acts as interconnector between Suntgarh SCTPS flashed dd: 18.27 acts as interconnector between Suntgarh SCTPS flashed dd: 18.27 acts as interconnector between Suntgarh SCTPS flashed dd: 18.27 acts as interconnector between Suntgarh SCTPS flashed dd: 18.27 acts and suntgarh SCTPS flashed dd: 28.27 acts and suntgarh SCTPS flashed dd: 27.27 acts	1) 400KV Bui 2 at Suratgarh SCTPS[KVUN] 2) 400 KV Suratgarh SCTPS[KVUN] Suratgarh(RS) (RS) CIS-1 3) 400 KV Suratgarh SCTPS[KVUN] Suratgarh(RS) (RS) CIS-2 4) 4. 125 MVAR Bus Reactor No 2 at 400 KV Suratgarh SCTPS[KVUN]
4	GD-1	Punjab	03-Apr-2023 02:28	03-Apr-2023 06:32	4:04	o	30	0.000	0.092	29217	32664	1) 220 IV Ajitwal(PS) has double main bus scheme. II) A reported, at 02:38 hrs, bus har protection operated at 220KV Ajitwal(PS) due to which all the 220kV lines connected to Bus-18.2 and 220/66kV 100MVA/CT-384 tripped. As a result 220/66kV Ajitwal(PS) substation became dead. Bit A per SOE, at first, bus coupler at 220kV Ajitwal(PS) operated. After that 220kVG6kV 100MVA/CT-4, 220kV Moga PG)-Ajitwal(PS) (PSTCI) dd, 220kV Himmatpara/PS)-Ajitwal(PS) dat ad 220kV Ajitwal(PS) operated. After that 220kG6kV 100MVA/CT-4, 220kV Moga PG)-Ajitwal(PS) (PSTCI) dd, 220kV Himmatpara/PS)-Ajitwal(PS) data data data data data data data dat	1) 220 KV Mogu/RG/-Ajtwal/RS) (PSTCI, 26: 1 2) 220KV Miu: 34 Ajtwal/RS) 3) 220KV Miu: 34 Ajtwal/RS) 4) 220KV Miu: 34 Ajtwal/RS) 4) 220KV Miumora/RS-Ajtwal/RS) 5) 220KV Aganor(RS)-Ajtwal/RS) 6) 220KV Aganor(RS)-Ajtwal/RS) 6) 220KV Aganor(RS)-Ajtwal/RS) 8) 220/S64V J00MVA ICT-4 at Ajtwal(RS)
5	GI-1	Rajasthan	08-Apr-2023 16:32	08-Apr-2023 19:25	2:53	O	350	0.000	0.858	43022	40813	I) As reported, at 16:32 hrs, B phase jumper of Wave trap of 220 kV Binwad(PG)-Binwad(PG) (FS) (Ks) Ckt-1 snapped out at yard of 220 kV Binwad(IKS) (SS). Due to this, 220 kV Binwad(IKS) (SS) (Ks) Ckt-1 snapped out at yard of 220 kV Binwad(IKS) (SS). Due to this, 220 kV Binwad(IKS) (FS) (Ks) Ckt-1 increased and thus, it was manually opened from POVERGRID end only. Further, Ioadiad of 220 kV Binwad(IKS) (FS) (Ks) Ckt-1 increased and thus, it was manually opened from POVERGRID end. II) As per S02 F (SI) 223 kV B0 MW (K-T-1, 2 & 3 and 132/33W 40/50 MW (K-T-2 & Binwad(IKS) is to tripped at the same time. II) As per S02 F (SI) 223 kV B0 MW (K-T-1, 2 & 3 and 132/33W 40/50 MW (K-T-2 & Binwad(IKS) is to tripped at the same time. II) As per F04 I and 400kV Binwad(IKS) (FS) Ckt-1 increased and Mus, it was manually opened for POVERGRID end only.	1) 220 KV Bhiwad(PG-Bhiwad(R5) (R5) (R5) CH-1 2) 220 KV Bhiwad(PG-Bhiwad(R5) (R5) CH-2
6	GI-2	Rajasthan	11-Apr-2023 17:20	11-Apr-2023 18:40	1:20	45	0	0.105	0.000	42724	42635	 During antecedent condition, total generation of 228V Awaads Surrays (ASEPL) was feeding through 400/200KV 500MVA ICT-6 at Bhadla2(PG) only. As reported, at 17:20 hr, 400/220 KV 500 MVA ICT-6 at Bhadla2(PG) integration of afferential relay. Hence tripping of ICT-6 resulted in generation loss of 200K Awada Surrays (ISEPL) through 200 MVA ICT-6 integration of afferential relay. Hence tripping of ICT-6 resulted in generation loss of 200K Awada Surrays (ISEPL) through 200 MVA ICT-6 integration of afferential relay. Hence tripping of ICT-6 resulted in presentation loss of 200K Awada Surrays (ISEPL) through 200 MVA ICT-6 integration of afferential relay. Hence tripping of ICT-6 resulted in presentation loss of approx. 450MV is observed at 220KV Awada Surrays. A per SVADA, no change in demand is observed in Rajasthan control area. Generation loss of approx. 450MV is observed at 220KV Awada Surrays. 	1) 400/220 KV 500MVA ICT-6 at Bhadia2[PG]
7	GD-1	Haryana	11-Apr-2023 18:32	11-Apr-2023 20:25	1:53	o	610	0.000	1.274	43762	47874	(A kreported, at 18-32 hrs, CFs of 220/132W (CF-1 & 2 blasted at 220W Safidon(HS) which resulted in bushar protection operation. Hence, all elements connected to bus-1 & 3. at 200W Safidon(HS) this became data. (i) Due to tripping of 220W Panipat TPS(HS) Safidon(HS) ck-1, 2 & 3 hauft transferred to 220KP Panipat TPS(HS) which resulted in tripping of 250MW unit-6, 7 & 8 at Panipat TPS(HS) due to beavy in 24 Safidon(HS) ck-1, 2 & 3 hauft transferred to 220KP Panipat TPS(HS) which resulted in tripping of 250MW unit-6, 7 & 8 at Panipat TPS(HS) due to beavy in 24 Safidon(HS) ck-1, 2 & 3 hauft transferred to 220KP Panipat TPS(HS) which resulted in tripping of 250MW unit-6, 7 & 8 at Panipat TPS(HS) due to beavy in 24 Safidon(HS) tripped on one-1 distance protection operation. (ii) A per PAU at 200KP Panipat(HS), multiple faults are observed in the system (F-K fault followed by B-R fault followed by R-Y-8.3 phase fault with delayed fault Granem time (H ed AD). (i) A sper SCADA, generation ions of approx. 63DMW is observed in Haryana control area.	1) 220VF Bus 1 at Selfdor(HS) 2) 220VF Bus 2 at Selfdor(HS) 3) 220/123V (HT-1 at Selfdor(HS) 4) 220/123V (HT-1 at Selfdor(HS) 4) 220/1232V (HT-1 at Selfdor(HS) 6) 220VF Amplant TPS(HS)-Selfdor(HS) 6kt-1 6) 220VF Amplant TPS(HS)-Selfdor(HS) 6kt-3 8) 220 MF Winth-6 at Panigat TPS(HS) 2) 200W Winth-6 at Panigat TPS(HS) 10) 250 MW Wint-6 at Panigat TPS(HS)
8	Gŀ-1	Rajasthan	12-Apr-2023 13:43	13-Apr-2023 05-05	15:22	190	0	0.412	0.000	46115	41888	I) During antecedent condition, active power flow of 220/33 KV 180MVA ICT-1 at AREPRL(P) was 118 MW. All 33KV feeders-1 of Renew Power, Azure Plot 6,7,8 and 9 and Auxiliany TT-1: were connected to 32KV side of 220/33 KV 180MVA ICT-1 at AREPRL(P) and all 33KV feeders-2 of Renew Power, Azure Plot 6,7,2 and 9 and Auxiliany TT-2: were connected to 32KV side of 220/33 KV 180MVA ICT-1 at AREPRL(P) and all 33KV feeders-2 of Renew Power, Azure Plot 6,7,2 and 9 and Auxiliany TT-2: were connected to 32KV side of 220/33 KV 180MVA ICT-1 at AREPRL(P) and 32KV feeders-2 of Renew Power, Azure Plot BARTR(IP) on 01 Signs Realy (S3R) AREPRL(IP)-Asure Plot 1-7,2 at AREPRL(P) and 19,2 Signs Realy (S3R) rescent on pertain-there power flow through all 33KV feeders connected at ICT-1 became zero. III) As per PAUL at ADDAV Bhadal(PC), no fault is observed in the system. IV) As per SCADA, NR Solar generation loss of approx. 150MW is observed.	10 220/33 KV 180MVA ICT-1 at AREPRL(IP)
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SI No.	Category of Grid Event	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH-MM)	Loss of generation the G	n / loss of load during irid Event	% Loss of generation Antecedent Genera Regional Grid durin	/ loss of load w.r.t tion/Load in the ng the Grid Event	Antecedent Generati Regional G	ion/Load in the Grid*	Brief details of the event (pre fault and past fault system conditions)	Elements Tripped
	(GI 1or 2/ GD-1 to GD-5)				(Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Loa (MW)	a	
9	GD-1	Uttarakhand	12-Apr-2023 18:53	12-Apr-2023 19:30	0:37	67	0	0.149	0.000	45076	52193	() During extendent condition, only 70 MW Unit-1 at Dhauliganga(NH) was running and generating approx. 67MW (as reported, SCADA data not available), Unit-2, 18.4 verse: under Jhutoman. () As reported at 153-hb. CC supply to portections circuit of 220 KV lauliyi (PG)-Dhauliganga(NH) (PG) Cht-1 & 2 lost due to fault in inverter-1. This led to ripping of 220 KV lauliyi (PG)-Dhauliganga(NH) (PG) Cht-1 & 2. () As reported at 153-hb. CC supply to portections circuit of 220 KV lauliyi (PG)-Dhauliganga(NH) (PG) Cht-1 & 2 lost due to fault in inverter-1. This led to ripping of 220 KV lauliyi (PG)-Dhauliganga(NH) (PG) Cht-1 & 2. () As reported at 200 KV lauliyi (PG)-Dhauliganga(NH) also tripped due to loss of exacutation park. Hence 220KV Dhauliganga(NH) S/s became dead. () A per SCADA, on Ange in NR Myring generation is observed. () A per sported by Dhauliganga, SCADA system was not available at the time of event. Generation loss of 67MW was reported at Dhauliganga(NH).	10 220 KV Jauljivi (KG)-Obauliganga(NH) (KG) Ck-1 2) 220 KV Jauljivi (KG)-Obauliganga(NH) (KG) Ck-2 3) 70 MW Umt-1 at Obauliganga(NH)
10	GD-1	Haryana	14-Apr-2023 01:43	14-Apr-2023 03-24	1:41	O	128	0.000	0.267	39373	48022	I) As reported, at 014:3 hrs, B-phase CT of 230 KV Bhiwadi[RG]-Mau(HV] (HVPNL] Ckt blasted at Mau end. 220 KV Bhiwadi[RG]-Mau(HV) (HVPNL] Ckt tripped on 8 h fault, [Zone-2 distance protection operated) with fault current of 11.154 h and fault distance of 13.55km from Bhiwadi[RG]. (ii) Rest of the 270kV lines connected at Mau 5/k tripped on Zone-2 from remote end only. Hence, Mau 5/k became dead. (iii) A per 0 rit at Mausa[FG) end 0 220 KV Maiwadi[FG]-Mau(HV] (HVPNL] Ckt tripped on zone-3 from Mameau/FG) end 0 200 KV Maude[FG]-Mau(HV] (hVPNL] Ckt tripped on zone-3 from Mameau/FG) end 0 200 KV Maude[FG]-Mau(HV] (hVPNL] Ckt tripped on zone-3 from Mameau/FG) end 0 rite of the 270kV Mau 200 KV Maude[FG]-Mau(HV] (hVPNL] Ckt tripped on zone-3 from Mameau/FG) end 0 rite of the 270kV Maude[FG]-Mau(HV] (hVPNL] Ckt tripped on zone-3 from Mameau/FG) end 0 rite of the 270kV Maude[FG]-Mau(HV] (hVPNL] Ckt tripped on zone-3 from Mameau/FG) end 0 rite of 1280mL (i) A per FNU at 400 KV Biwadi(FG) end 400 KV Mau 400 KV	1) 220 KV Manetar/PGj-Mau(MV) (HVPNL) CK-1 2) 220 KV Manetar/PGj-Mau(MV) (HVPNL) CK-2 3) 220 KV Bihwad(FG)-Mau(MV) (HVPNL) CK 4) 220 KV Bis-1 At Mau(HS) 5) 220 KV Bis-2 At Mau(HS) 5) 220 KV Misl-Baba/Mau(HS) CK 6) 220 KV Misl-Mau(HS) Ckt 7) 220 KV Misl-Mau(HS) Ckt
11	GI-1	J&K	14-Apr-2023 13:19	14-Apr-2023 16-39	3:20	O	325	0.000	0.718	48820	45267	I) During antecedent condition, active power loading of 220 KV Mir@azar/PDD)+NewWangh0h[PG] (PDD XI; Ckt-18.2 were 183MW and 181MW respectively, 1) A reported, at 131:9hrs, 220 kV Mir@azar(PDD)+NewWangh0h[PG] (PDD XI); Ckt-2 tripped on R-N phase to ground fault with distance of 2.6 km and fault current 1.7A k from Mirbaara(RB) end. Line destance was less between the bottom conduct or of the line and OPGW of 132W Mir@azar(PDD)-NewWangh0h[PG] (PDD XI; Ckt-2, and end or 200 kV Mir@azar(PDD)-NewWangh0h[PG] (PDD XI; Ckt-2, and end or 220 kV Mir@azar(PDD)-NewWangh0h[PG] (PDD XI; Ckt-2, and end	1) 220 KV Mir Bazar(POD)-NewWanpoh(PG) (POD JK) Ckt-2
12	Gi-1	Rajasthan	15-Apr-2023 16:41	15-Apr-2023 17-25	0:44	130	0	0.271	0.000	47917	46974	(i) During antecedent condition, total generation of 220kV Clean Solar Power Jothpur (CSPIP) (IP) was feeding through 220 KV Bhadla/PG)-CS Jothpur SL, BHD CP (Cleansolar Jothpur) Ckt - 14 Bhadla/PG)-CS Jothpur SL, BHD CP (Cleansolar Jothpur) Ckt - 14 Bhadla/PG)-CS Jothpur SL, BHD CP (Cleansolar Jothpur) Ckt - 14 Bhadla/PG)-CS Jothpur SL, BHD CP (Cleansolar Jothpur) Ckt - 14 Bhadla/PG)-CS Jothpur SL, BHD CP (Cleansolar Jothpur) Ckt - 14 Bhadla/PG)-CS Jothpur SL, BHD CP (Cleansolar Jothpur) Ckt - 10 Power Jothpur (CSPIP) (IP) due to loss of execution path. BJAF Power Johngur (CSPIP) (IP). This related in generation loss of 220kV Clean Solar Power Jothpur) Ckt - 10 T was received at Bhadla/PG) end, but no relay indication is observed-Hench, this seme to be a mai-operation OF CLC at 220kV Clean Solar Power Jothpur (CSPIP) (IP).	1) 220 KV Bhadle PG}-CS_Jodhpur SL_BHD_PG (Cleansolar_Jodhpur) Ckt-1
13	GD-1	Punjab	15-Apr-2023 17:15	15-Apr-2023 18:57	1:42	D	60	0.000	0.129	46678	46534	As per the information received and communication with 220KV Dauya 5/s, brief of the event are as follows: 1) 220 MV Dauya(P(5) 5/s has double bus scheme.	1) 220 KV Dasuye/PSI-Julandhur(BB) (BBMB) Cit 2) 220 KV Dasuye/PSI-Julandhur(B) (PG) (PG) Cit -1 2) 220 KV Dasuye/PSI-Julandhur(PG) (PG) (PG) Cit -2 4) 220 KV Pong(B)-Dasuye/PSI (BBMB) Cit -1 5) 220 KV Pong(B)-Dasuye/PSI (BBMB) Cit -2 6) 220 KV Dasuye-Alawalpur (PS) Cit
14	GI-1	3&K	15-Apr-2023 13:11	15-Apr-2023 15:40	2:29	D	325	0.000	0.721	49395	45081	(i) During antecedent condition, active power loading of 220 KV Mir@asar(POD)-NewWanph0[PO] [POD JK] Ck-1 & 2 were 157MW and 155MW respectively, (i) During antecedent condition, active power loading of 220 KV Mir@asar(POD)-NewWanph0[PO] [POD JK] Ck-1 & 2 were 157MW and 155MW respectively, (i) During antecedent condition, active gamma was less between the bottom conductor of the line and DPGW of another 132V Mir@asar(POD)-New (ii) During for 202 KV Mir@asar(POD)-New Wanph0[PO] [POD JK] Ck-1, active gamma of another 132V Mir@asar(POD)-New (iii) During of 220 KV Mir@asar(POD)-New Wanph0[PO] [POD JK] Ck-1, active gamma of another 132V Mir@asar(POD)-New (iii) During of 220 KV Mir@asar(POD)-New Wanph0[PO] [POD JK] Ck-1, active gamma of a condition of the same state and line CG at 2200K Mir@asar(POD)-New Wanph0[PO] [POD JK] Ck-1, active gamma of active to over-loading, but line remain charged from NewWanph0[PO] end of 220 KV Mir@asar(POD)-NewWanph0[PO] [POD JK] Ck-1, active (iii) Active to regular data active to a condition of the same state active to a condition of the same state (iii) (i) A to for profile and and us exertually restored within a mint. Iv) A per FMU at tohengur(PO), R N phase to ground fault is observed in system with fault clearance time of 120 ms. (i) A set informad action state state) active active to a condition of the same state active to a condition active to a condition of the same state active to a condition of the same state active to a same state active to a condition of the sam	1) 220 KV Mir Bazar(PDD)-NewWanpoh(PG) (PDD JK) Ckt-2
15	GI-1	Delhi	15-Apr-2023 11:14	15-Apr-2023 14:30	3:16	0	245	0.000	0.495	53158	49453	() During antecedent condition, active power loading of 220KV Burnauli-Najafgarh Cit-1 & 2 were 124MW and 122MW respectively. (i) As reported, at 11:14 Hrs, 220 W Barnauli Najafgarh Cit-2 tripped due to jumper flashover new Najafgarh Cantry followed by tripping of Cit-1 due to overloading. This resulted in load loss of approx. 25 MW at Najafgarh Cit-1 Ranjamali. Kajafgarh Cit-1 2 tripped due to jumper flashover new Najafgarh Cantry followed by tripping of Cit-1 due to overloading. This resulted in load loss of approx. 25 MW at Najafgarh Cit-1 at 11:22 Hrs. (v) As per PMU at Barnauli(V), R-W phase to ground fault with unsuccessful A/R operation followed by R-Y phase to phase fault is observed in system with fault derance time of 80 ms. (v) As per SCADA, load loss of approx. 25MW occurred in Dehit control area.	1) 220kV Barmauli-Najafgarh Ckt-2 2) 220kV Barmauli-Najafgarh Ckt-1
16	Gŀ-1	Delhi	15-Apr-2023 12:12	15-Apr-2023 17:44	5:32	0	100	0.000	0.210	51151	47717	I) During antecedent condition, Bu-1 & 2 at 220 KV Pappaniala were kept in split condition (bus coupler was open). Active power loading of 220KV Dwarka-Pappaniala CK-2 was 520KW. II) As reported, at 2:11 Ims, 220 KV Dwarka Pappaniala CK-2 tripped due to B-N phase to ground fault near Dwarka station resulting in load loss of approx. 100 MW at 220 KV Pappaniala. (II) As reported, at 2:11 Mms, 220 KV Pappaniala. (III) As reported, at 2:11 Ims, 220 KV Pappaniala. (IIII) Are tripping, load was related by charging Bus coupler & later by charging 220 KV Bannauli-Pappaniala CK-2. (IV) A per PNUA L Bannaul(IV). A Phase to ground fault with unaccessful A/R operation is observed in system with fault clearance time of 80 ms. (I) A per SADA, load loss of approx. 100MW occurred in Delhi control area.	1) 220KV Dwarka-Pappankala Ckt-2

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	(GI 1or 2/ GD-1 to GD-5)					Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
17	GI-2	Rajasthan	16-Apr-2023 09:06	16-Apr-2023 12:44	3:38	O	o	0.000	0.000	50291	48457	1 400K Barner(Ra) has one and half breaker bus scheme. During antecedent condition, 125MVAr Bus reactor at Barner(Ra) was connected at 400kV Bus-2. 21) As reported, at 00 60hrs, while opening of 125MVAr Bus reactor at Barner(Ra) on voltage regulation, Y-ph pole of Main CB of Bus reactor damaged and created bus fault. III) As reported, at 00 60hrs, while opening of 125MVAr Bus reactor at Barner(Ra) on voltage regulation, Y-ph pole of Main CB of Bus reactor damaged and created bus fault. III) As the fault, bus har protection of 400KV bus-2 operated and all the CB connected at 400KV Bus-2 opened. IV) Other bay (connect) at bus-10 for 00K Valaminer-Barner (FS)CL+1 was already in out condition, thus list tripped with the opening of CB connected at Ba-2 (Valaminer-Barner (FS)CL+1 was already in out condition, thus list tripped with the opening of CB connected at Ba-2 (Valaminer-Barner (FS)CL+1 was already in out condition, thus list tripped from Rajwest end. As per the verbal communication with Rajwest SA, distainer potention sensed the fault in 2-1 and both main and the CB at Rajwest end tripped. It seems that due to small with As per Mult ackOW Bisminer(FS)-Ray which Celement divide here within 100msci is observed. Vi) Presently, main CB of 125MWAr bus reactor is charged via the CB.	1) 400KV Bui 2 at Barmer(R5) 2) 400 KV Jaisahner-Barmer (R5) CAL-1 3) 220400 KV Barmer(R5)-Rajwest(RW) (R5) CAL
18	GI-2	Uttar Pradesh	18-Apr-2023 08:56	18-Apr-2023 10:36	1:40	155	o	0.301	0.000	51448	51333	I) During antecedent condition, 400 KV Anpara-Sarnath (UP) CK-1, 400 KV Singraul(INT)-Anpara(UP) (PG) Ck-1, 210MW Unit-1 at Anpara TPS & 400/132 kV (DM VA CT 2 at Anpara (UP) exercised at 400KV Bus-2 at Anpara (UP) and reti of the elements were connected at 400KV Bus-1. II) As reported at 08:49hx; 210 MW Anpara TPS - UNIT 1 tripped due to damage of burhing of CTI. Further at 08:56hx, burbar protection operated at 400KV Bus-2 at Anpara (UP) and reti of the elements were connected at 400KV Bus-2 at Anpara TPS - UNIT 1 tripped due to damage of burhing of CTI. Further at 08:56hx, burbar protection operated at 400KV Bus-2 at Anpara (UP) And reti of Bomsec is observed at 08:49hrs and no fault in system observed at 08:56hrs. W) As per SCADA. Soc. 132 KV Rhand(NT)-Anpara(UP) Ck-1 & 2 tripped at 08:56hrs. W) As per SCADA, generation loss of approx. 155MW in UP control area is observed (210MW Unit-1 at Anpara TPS tripped).	1) 210 MW Angene TPS- UWT 1 2) 4000't Sur 2 AL Angene(IP) 3) 4000't Sur 2 AL Angene(IP) 3) 400't 23 WW Angene Samath (UP) 5) 400't AV Angene Samath (UP) 21x-1 5) 400't AV Angene Samath (UP) 21x-1 3) 212 W Rilhand(NT)-Angene(UP) Ct-1 7) 132 W Rilhand(NT)-Angene(UP) Ct-2
19	GD-1	Uttar Pradesh	18-Apr-2023 13-24	18 Apr. 3023 14 22	0:58	o	140	0.000	0.280	53288	49996	1) 400/220/23W Voids Set 148 GK has double main single breaker has scheme. Power cores from 400 KV Gr Molds 2(UPC) Molds Set 148 (UP) D/C and feeds Noids Set 123 via 400 KV Noids Set 148 Houds Set 123 (UP) D/C and feeds Noids Set 123 via 400 KV Noids Set 148 Houds Set 123 (UP) D/C and feeds Noids Set 123 via 400 KV Noids Set 148 Houds Set 123 (UP) D/C and feeds Noids Set 123 via 400 KV Noids Set 148 Houds Set 148 Ho	1) 400 KV Gr.Noida_2(UPC)-Noida Sec 148 (UP) Ckt-1 2) 400 KV Gr.Noida_2(UPC)-Noida Sec 148 (UP) Ckt-2 3) 400KV Bus 1 at Noida Sec 148(UP) 4) 400/220 KV 500 MVA ICT at Noida Sec 148(UP) 5) 400/220 kV 500 MVA ICT 2 at Noida Sec 148(UP) 6) 400 KV Noida Sec 148-Noida Sec 123 (UP) Ckt-1
20	GI-2	Rajasthan	19-Apr-2023 12:13	19 Apr 3023 14:14	2:01	950	o	1.758	0.000	54048	51609	I) During antecedent condition, loading of 400KV Bikane(PG) end of 400KV Bikane(PG)-Bikaner(RS) ck-1 & 2 were 1010MW and 1013MW respectively (current of approx. 140A in each circuit). I) A reported, at 1211 bits, 400W Bikane(PG)-Bikaner(RS) ck-2 tripped from POWERGRID end only on zone-4 distance protection operation. Fire is observed in one of the core in main bay R-ph current transformer junction box. It kell to the false current measurement by the CT of the tune of SiA and influence tripping. I) A fast is observed in one of the cross in main bay R-ph current transformer junction box. It kell to the false current measurement by the CT of the tune of SiA and influence tripping. In SiA is observed in server. III A fast is observed in server. III A fast is observed in any Circuit 400AW Bikaner(PG)-Bikaner(RS) ck-1 incressed and SPS operated (condition for SPS operation: current measurement by 8-ph CT of 400LV Bikaner(PG)-Bikaner(RS) ck-1 incressed and SPS operated (condition for SPS operation: current any circuit 400AW Bikaner(PG)-Bikaner(RS) ck-1 tripped. III A 121:301M, 200W Bikaner(PG)-Bikaner(RG) bikaner(RG) ck-1 tripped. III A 121:301M, 200W Bikaner(PG) and 400W Bikaner(PG)-Bikaner(RS) ck-1 tripped. III A 121:301M, 200W Bikaner(PG) and 400W Bikaner(PG)-Bikaner(RS) ck-1 tripped. III A 121:301M, 200W Bikaner(PG) and 400W Bikaner(PG)-Bikaner(RS) ck-1 tripped. III A 121:301M, 200W Bikaner(PG) and 1040W Bikaner(PG)-Bikaner(RS) ck-1 tripped. III A 121:301M, 200W Bikaner(PG) and 400W Bikaner(PG)-Bikaner(RS) ck-1 tripped. III A 121:301M, 200W Bikaner(PG) and 400W Bikaner(PG)-Bikaner(RS) ck-1 tripped. III A 121:301M, 200W Bikaner(PG) and 104 CK Bikaner(PG)-Bikaner(RS) ck-1 tripped. III A 121:301M, 200W Bikaner(PG) and 104 CK Bikaner(PG)-PGL Ck 1 tripped CSPS Stage-1 operated). III A 121:301M, 200W Bikaner(PG) and PGL 200W Bikaner(PG)-PGL Ck 1 tripped CSPS Stage-1 operated). III A 121:301M, 200W Bikaner(P	1) 400kV Bikaner(PG)-Bikaner(RS) ckt-2 2) 220kV Bikaner(PG)-Thar Surya ckt 3) 220kV Bikaner(PG)-ThGEL ckt 4) 400kV Bikaner(PG)-Bikaner(Renew) ckt 5) 400kV Bikaner(Renew)-Renew Surya Rawi(IP) ckt 6) 400kV Bikaner(RS)-Sikar(PG) ckt-2
21	Gi-2	Punjab	19 Apr-3023 01:17	19 Apr 2023 03:31	2:14	o	o	0.000	0.000	46191	54168	I) During the antecedent condition, 220 KV Moga/PG)-MEHAL-KALAN(PS) [PSTCI] Ck-1, 220 KV Moga/PG)-MOGAN(PS) [PSTCI] Ck-18.3, 220 KV Moga/PG]- Ajtwal(PS) [PSTCI] Ck and 400/220 W 500 MVA (CT 3 at Moga/PG) were connected to 220 KV Moga/PG]-MOGAN(PS) [PSTCI] Ck-14. KALAN(PS) [PSTCI] Ch-12, 20 KV Moga/PG)-MEHAL-KALAN(PS) [PSTCI] Ck-24 KV Moga/PG and KalanPS] [PSTCI] Ck were connected 220 KV Ba-13 Moga/PG]- mil 3 kr epoted, at 01:71n; 220 KV Moga/PG)-MEHAL-KALAN(PS) [PSTCI] Ck-1 triped on R-H phase to ground fault. Distance was 160m and fault current was 28A for Mon (Maga/PG) end at 220 KV Ba-24 KV Moga/PG) and all the elements connected to Ba-2 got tripped and 220 KV Ba-2 at Moga/PG is current and a connection mai-operated at 220 KV Ba-24 KV Moga/PG) and all the elements connected to Ba-2 got tripped and 220 KV Ba-2 at Moga/PG is end. W As per PMD at 220 KV Moga/PG)-MEHAL-KALAN(PG)-(PSTCI] Ck-1; R-R P phase to ground fault is observed; sone-1 distance protection operated which serves to be an observed in R-phase of 38A. FORMAR phase to ground fault is observed; sone-1 distance protection operated which serves to be an observed in Pungba Control area as Moga/PG) has alternate connectivity from 220 KV Firox & Botia feeders. W As per 5C/DA, no load loss has been observed in Pungba Control area as Moga/PG) has alternate connectivity from 220 KV Firox & Botia feeders.	1) 220 KV Moga(PG)-MEHAL- KALAN(PS) (PSTCL) Ckt-1 2) 220 KV Moga(PG)-MOGAN(PS) (PSTCL) Ckt-1 3) 220 KV Moga(PG)-MOGAN(PS) (PSTCL) Ckt-3 4) 220 KV Moga(PG)-Ajtwal(PS) (PSTCL) Ckt 5) 400/220 kV 500 MVA ICT 3 at Moga(PG) 6) 220KV Bus 2 at Moga(PG)

									Details of	Grid Events d	uring the M	Ionth of April 2023 in Northern Region	🚺 ग्रिड-इंडिया GRID-INDIA
SI No	Category of Grid Event	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of generatio the G	n / loss of load during Srid Event	% Loss of generation Antecedent Genera Regional Grid durin	t / loss of load w.r.t ation/Load in the ng the Grid Event	Antecedent Genera Regional	tion/Load in the Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	(GI 1or 2/ GD-1 to GD-5)					Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
22	GI-2	Jammu & Kashmir	20 Apr - 2023 13 57	20-Apr 2023 14-24	0:27	0.175	o	0.000	0.000	53337	49802	(I) During the antecedent condition, 130 MM Dubasit MPS- UMIT 1, 2.8.3 were generating approx. 130MW each and total power of 300MW was evacuating through 400MV Dubasit(MH)-tobepup(EG) e4:1 as 400MV Dubasit(MH)-tobepup(EG) e4:1 are sources and total power of 300MW was evacuating through 400MV Dubasit(MH)-tobepup(EG) e4:1 are sources and total power of a 300MW was evacuating through 400MV Dubasit(MH)-tobepup(EG) e4:1 provide a sources and total power of 400MV bubasit(MH) exceeding e4:1 are sources and total power of a source and total power of a 300MW was evacuating through 400MV Dubasit(MH)-tobepup(EG) e4:1 provide a sources and total power of a source and total power of and total power of and total power of a source and total power of total power and total power of and total power of total power and total power of and total power of total power and total power operation power of total power and tot	1) 130 MW Dulhasti HPS - UNIT 1 2) 130 MW Dulhasti HPS - UNIT 2 3) 130 MW Dulhasti HPS - UNIT 3
23	GD-1	Punjab	23-apr 2023 05:41	23-4pr 2023 12:30	6:49	٥	o	0.000	0.000	39735	46538	I) As per the information received and communication with 400kV Rajpura TPS, brief of the event are as follows: a) 400 kV Rajpura TPS(INP), has one and half breaker bus scheme. b) 415 05 400 kV Rajpura TPS(INP), has one and half breaker bus scheme. b) 415 05 400 kV Rajpura TPS(INP), Has one and half breaker bus scheme. c) 415 05 400 kV Rajpura TPS(INP), Has one and half breaker bus scheme. d) 415 05 400 kV Rajpura TPS(INP), Has one and half breaker bus scheme. d) 415 05 400 kV Rajpura TPS(INP), Has one and half breaker bus scheme. d) 415 400 kV Rajpura TPS(INP), Has one and half breaker bus scheme data down the scheme data with the Main CBs connected at 400 kV Rus-2. d) Further after saker at 05 41:12 KPs, 700 kV Unit: 1 at Rajpura TPS Totped on back-with effectional overcurrent protection (reverse) operation. Tripping of Unit after desrance of line & Bus fault need to be looked into. e) With the tripping of Unit-1, 400 KY Rajpura TPS(IS) (PS) (PS) (PS) (E1-1 also tripped at it was on the same dia with Unit-1. f) Further after approx. 20min; 405:00.54m, 700 kW Unit-2 at Rajpura TPS sito tripped on it was on the same dia with Unit-2. f) With the tripping of Unit-1, 400 KY Rajpura TPS(IS) Applicative (PS) (PS) (D4:1-1) are sito abovered. d) With the tripping (Unit-2, 400 KY Rajpura TPS) Sito tripped on it was on the same dia with Unit-2. f) Grammation 14:00 KV Binward(PG), R k place to earch fault which deared within 30 mack is observed. d) Grammation 14:00 KV Binward(PG), R k place to earch fault which deared within 30 mack is observed. d) Grammation 14:00 KV Binward(PG), R k place to earch fault which deared within 30 mack is observed. d) commuting at approx. 500 kW at CS-Althr and approx. 600 kVK at to COD kVK due to tripping of 700 kW Unit-2 at Rajpura TPS (NPL) respectively.	1) 400 KV Rajpura TPS(PSG)-Nakodar(PSG) (PS) Ckt-2 2) 400KV Bus 2 at Rajpura TPS(PSG) 3) 700 MV Rajpura (TPS(PSG)-Nakodar(PSG) (PS) Ckt-1 4) 400 KV Rajpura TPS(PSG)-Nakodar(PSG) (PS) Ckt-1 5) 700 MV Rajpura (TPS(PSG)-Rajpura(PS) (PS) Ckt-2
24	GI-1	Jammu & Kashmir	24.4gr-2023 17:00	24.4pr-2023 23:28	6:28	o	45	0.000	0.103	43901	43891	1220/132V Ziankote S/r have two bus at 220VV side i.e., main bus & reserve bus. 1120/132V Ziankote S/r have two bus at 220VV anarote was operating in bus split mode viz. 220VV Amargarh(INDIGRD) –Ziankote(I/Q D/C (carrying 126AVW each) was feeding Ziankote load 220W Wagoon-Ziankote(I/Q D/C (carrying 126AW each) in a reported by J&K, R A plase to earth fault excurred at Qababagh Budgam et due to insulator disc reguture at location ~6.8 km from Ziankote end. On (this fault, 220 V Wagoon/Rio/Lankote(I/Q D/C (carrying 126AW & 3114MW) was connected at other bus and feeding Alusterg. 220W // Apponziantore is a specific disc reguture at location ~6.8 km from Ziankote end. On (this fault, 220 V Wagoon/Rio/Lankote(I/Q D/C (carrying 126AW & 3114MW) was // A per PVU at Kidenpur(PG). Riv phase to earth fault which cleared within 120mesc is observed. // O her to fripping of 220 VW Wagoon/Rio/Lankote(I/Q D/C Le1, load O d) Qababgh Budgam et due // A per SCADA, load loss of apporx. 45MW occurred in J& control area. // A per SCADA, load loss of apporx. //	1) 220 KV Wagoora(PG)-Ziankote(JK) (PDD JK) Ckt-1
25	Gi-1	Jammu & Kashmir	25 Apr 3023 10-33	25-Apr 2023 12:34	2.01	115	o	0.228	0.000	50503	50018	I) During antecedent condition, 115 MW Salid H95–UNIT 6, 220 KV Salid[NH]-Jammu/POD] (PG) Ckt-2, 220 KV Kishenpur[PG]-Salid[NH] (PG) Ckt-1 & 3 were connected to 220W Bus 1 at Sala[NH] and rest of the elements were connected to 220W Bus 2 at Sala[NH]. II) As reported, at 10-33hm, during time of synchronization of 115 MW Salid H95–UNIT 5, instantaneous generator one-current protection one-parated and due to nukcing of Phase CR of Units. This Bio protection operation in 220W Bus 1 and facility to the connected elements to Bus-1. III) As per DF of generator protection relix of 27.8 kh and 27.7 kk-espectively at the time of synchronization of unit. B The R-Phase B A Phase Core Into researed to 72.8 kh and 72. Kk-espectively at the time of synchronization of unit. B The R-Phase B A Phase Core Into researed to 72.8 kh and 72. Kk-espectively at the time of synchronization of unit. B The R-Phase B A Phase Core Into researed to 72.8 kh and 72. Kk associatively at the time of synchronization of unit. B The R-Phase B A Phase Core Into researed to 72.8 kh and 72. Kk associatively at the time of synchronization of unit. B The R-Phase B A Phase Core Into researed to 72.8 kh and 72. Kk associatively at the time of synchronization of unit. B The result in tripping of all the connected elements to Bus-1.1 to 115 MW Sala H95–UNIT 6, 201 KV Sala[NH]-Jammu/POD] (PG) Ckt-2, 220 KV Kishenpur[PG). And Bus coupler CB. N J As per PMU at AORW Kishenpur(PG), R-N phase to ground fluit is observed in the system with delayed fault clearance time of 320ms. N J As per SCADA, generation loss of approx. 115MW is observed at Sala[NH].	1) 115 MW Salal HPS - UNIT 6 2) 115 MW Salal HPS - UNIT 5 3) 220 KV Sald(H)-Jammu(PDD) (PG) Ckt-2 4) 220 KV Kishenpur(PG)-Salal(NH) (PG) Ckt-1 5) 220 KV Kishenpur(PG)-Salal(NH) (PG) Ckt-3 6) 220KV Bus 1 at Salal(NH)
26	GI-1	Rajasthan	26 Apr 2023 16:26	27-Apr-2023 09:08	16:42	270	o	0.584	0.000	46232	49255	I) During the antecodent condition, AHEUL PSS3 and PSS4 was feeding 60MW and 137MW respectively to 220 W Adam Fathgarh Solar park. II) A resported, at 12:39 hr, due to stormy weather condition, Sucion tower at location no. 127 and 128 collapsed and its conductor touched line conductors of 220 K Adam Fathgarh Solar park. AHEUL PSS3 and PSS4 dts. Hence both the dts tripped. II) A per 081 at Adam Fathgarh Solar park, 220 K Adam Fathgarh Solar park-RHEL PSS3 dt tripped on R+0 3-phase fault (zone-1 distance protection operated) with fault distance of 22 km from Adam Fathgarh Solar park-RHEL PSS3 dt tripped on R+0 3-phase fault (zone-1 distance protection operated) with fault distance of 22 km from Adam Fathgarh Solar park-RHEL PSS4 at tripped on R+0 3-phase fault (zone-1 distance protection operated) with in Bybase. N As per DB at Adam Fathgarh Solar park, 220 kV Adam Fathgarh Solar park-RHEL PSS4 at tripped on R+0 3-phase fault (zone-1 distance protection operated) with anti-Bathgarh Solar park, 220 kV Adam Fathgarh Solar park-RHEL PSS4 at tripped on R+0 3-phase fault (zone-1 distance protection operated) with anti-Bathgarh Solar park, 220 kV Adam Fathgarh Solar park-AHELI PSS4 at tripped on R+0 3-phase fault (zone-1 distance protection operated) with anti-Bathgarh Solar park, 220 kV Adam Fathgarh Solar park at Bath current of approx. 5.4k in R-phase, 0 in Y-phase] and S Z/M in B-phase. V) As per MUL 400XM ISS2(P), R+0 3-phase fault is observed with fault clearing time of 120ms. V) As per SOLAD, change in NB Wind generation of approx. 270 kW is observed.	1) 220 kV Adani Fatehgarh Solar park-AHEJAL PSS3 ckt 2) 220 kV Adani Fatehgarh Solar park-AHEJAL PSS4 ckt

									Details of	Grid Events du	ring the M	onth of April 2023 in Northern Region	💱 ग्रिड-इंडिया GRID-INDIA
Cat SI No.	egory of Grid Event	Affected Area	Time and Date of occurrence of	Time and Date of Restoration	Duration	Loss of generation the Ge	a / loss of load during rid Event	% Loss of generatio Antecedent Gener Regional Grid duri	n / loss of load w.r.t ration/Load in the ing the Grid Event	Antecedent Generati Regional G	ion/Load in the Grid*	Brief details of the event (pre-fault and post fault system conditions)	Elements Tripped
G	(GI 1or 2/ D-1 to GD-5)		Grid Event		(HEMM)	Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
27	GD-1	Himachal Pradesh	26 Apr 2023 05:08	26 Apr 3023 11:05	5:57	o	0	0.000	0.000	38826	47053	I) During antecdent condition: no Generating Unit of NUPCIS I was under operation: 250 MW NahapJuani MPS - UNIT 1., 1.8.5, 400 W Nahapa. Juani (G): hompur HEISIS (PG) (26.1, 400 KV Nahapa. Juani (S): Second (PG) (26.1, 400 KV Nahapa. Juani (PS): UNIT 1., 1.8.5, 400 KV Nahapa. Juani (S): NV 25 MVA 5T 1 at Nahapa. Juani (S): were connected to 4000V Bus 1.8 MNAhpa. Juani (S): Autorium Wangtool(SW) (HBPC) (26.1, and 400/2 NAHAS) Second (PS) (PG) (26.1, 400 KV Nahapa. Juani (S)) (S): Gomma (PG) (PG) (26.2, 400 KV Nahapa. Juani (PS): UNIT 2.4.8.6, 400 VV Nahapa. Juani (S): Autorium VIII (S): PG (26.1, 400 KV Nahapa. Juani (S)) (S): Gomma (PG) (PG) (26.2, 400 KV Nahpa. Juani (S): Social KV Nahpa. Juani (S)) JA: reported, at C): Softmic, during (Imo el venchronization of 25.0 MW Nahpa. Juani (S)). JA: reported, at C): Softmic, during (Imo el venchronization of 25.0 MW Nahpa. Juani (S)). JA: reported, at C): Softmic, during (Imo el venchronization of 25.0 MW Nahpa. Juani (S)). JA: reported, at C): Softmic, during (Imo el venchronization of 25.0 MW Nahpa. Juani (S)). JA: reported, at C): Softmic during (Imo el venchronization of 25.0 MW Nahpa. Juani (S)). JA: reported, at C): Softmic during (Imo el venchronization of 25.0 MW Nahpa. Juani (S)). JA: reported, at C): Softmic during (Imo el venchronization at C): Softmic during at a set el venchronization at C): Softmic during (Imo el venchronization at C): Softmic during at L current of softmic during (Imo el venchronization at C): Softmic during (Imo el venchronization during). JB: However: In Statiover/Stati beserved with electrical equipment's associated with Bus Bar-2. JB: However: In Statiover/Stati beserved with electrical equipment's associated with Bus Bar-2. JB: However: In Statiover/Stati beserved with electrical equipment's associated with Bus Bar-2. JB: However: In Statiover/Stati beserved with electrical equipment's asso	1) 400 KV Nathpa Jhakri(SJ)-Karcham Wangtoo(JSW) (HBPCL) Ckt-1 2) 400 KV Nathpa Jhakri(SJ)-Karcham Wangtoo(JSW) (HBPCL) Ckt-2 3) 400 KV Nathpa Jhakri(SJ)-Rampur HEP(SJ) (PG) Ckt-1 4) 400 KV Nathpa Jhakri(SJ)-Gumma (HP) (PG) Ckt-2 5) 400 KV Nathpa Jhakri(SJ)-Gumma (HP) (PG) Ckt-2 7) 400 KV Bus 1 at Nathpa Jhakri(SJ) 8) 400 KV Bus 2 at Nathpa Jhakri(SJ) 8) 400 KV Bus 2 at Nathpa Jhakri(SJ) 10) 80 MVAR Bus Reactor No 1 at 400 KV Nathpa Jhakri(SJ)
28	GD-1	Uttar Pradeah	26 Apr 2023 08:56	26-4pr 2023 10.36	1:40	O	280	0.000	0.542	48592	51620	I) As per the information received and communication with 400/220KV Sultanpur(UP), brief of the event are as follows: a) As reported, witching operations was being done to shift all the elements to 220KV Bins-1 at Sultanpur to avail the hindown of 220KV bins-2 at Sultanpur. b) At 08:55Kev, Yoh bus loaked ro 220KV Sultanpur (IDP) is not healthy, 220KV lines to Tanda, New Tanda, Sohawai & Pratagaeth ripped on 2-4 distance protection operation with Solecuter Carbon Sultanpur (IDP) is not healthy, 220KV lines to Tanda, New Tanda, Sohawai & Pratagaeth ripped on 2-4 distance protection operation with Solecuter Carbon Sultanpur (IDP) is not healthy, 220KV lines to Tanda, New Tanda, Sohawai & Pratagaeth ripped on 2-4 distance protection operation with Solecuter (IDP) with the Athen Mark and Sultanpur (IDP) for monte end in 2-3 (Taste the delay) database protection operation. c) Faste time delay 200KV solecuter (IDP) database (IDP) database (IDP) database protection operation. d) Further after 200msec, 400/220KV 315MVA (ICT-3 at Sultanpur tripped on over current earth fault protection operation. c) Faste time delay 200KV solecuter (IDP) database (IDP) database (IDP) database (IDP) database protection operation. d) Further the ripping of 4000 king (IDP) at Sultanpur with land tripped. d) Nith the ripping of 4000 king (IDP) at Sultanpur with land tripped. d) As per 50CF, hyping of 400, 202XV 315MVA (ICT-1 at Sultanpur with land tripped. d) As per 50CF, hyping of 400, 202XV 315MVA (ICT-1 at Sultanpur with land tripped. d) As per 50CF, hyping of 400, 202XV 315MVA (ICT-1 at Sultanpur with land tripped. d) As per 50CF, hyping of 400, 202XV 315MVA (ICT-1 at Sultanpur with land tripped. d) As per 50CF, hyping of 400, 202XV 315MVA (ICT-1 at Sultanpur with land tripped. d) As per 50CF, hyping of 400, 202XV 315MVA (ICT-1 at courses of ICT-1 at as a sultanpur with land tripped. d) As per 50CF, hyping of 400, 202XV 315MVA (ICT-1 at courses of ICT-1 at as. d) As per 50CF, hyping of 40, 202XV 315MVA (ICT-1 at courses of ICT-1 at as	1) 400 KV Sultanpur(UP)-lucknow_1(PG) (PG) ckt 2) 400 KV Obra_B-Sultanpur(UP) Ckt 3) 400 KV Tanda(NT)-Sultanpur(UP) (UP) Ckt 4) 400/220 kV 315 MVA ICT 3 at Sultanpur(UP) 6) 400/220 kV 315 MVA ICT 3 at Sultanpur(UP) 6) 400/220 kV 315 MVA ICT 3 at Sultanpur(UP) 7) 220/132kV 160MVA ICT-1 at Sultanpur(UP) 7) 220/132kV 160MVA ICT-1 at Sultanpur(UP) 9) 220kV Sultanpur-FratageAt ckt 9) 220kV Sultanpur-FratageAt ckt 11) 220kV Sultanpur-Sanda New ckt 12) 220kV Sultanpur-Sandav kt 13) 220kV Sultanpur-Sangipur ckt 13) 220kV Sultanpur-Amethi ckt

							Details o	of Grid E	vents dur	ring the Mon	th of Ap	ril 2023 in Western Region	जिड-इंडिया GRID-INDIA
Sl No.	Category of Grid Event	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of gener load during t	ration / loss of he Grid Event	% Loss of gen of load w.r.t Generation Regional Grid	Antecedent Load in the d during the Event	Antecedent Generat the Regional	tion/Load in Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	(GI 1or 2/ GD-1 to GD-5)					Generation Loss(MW)	Load Loss (MW)	Generation Loss(MW)	Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
1	GI-2	WR	05-Apr-23 06:36	05-Apr-23 07:42	1:06	180	-	0.003	-	66742	60725	At 06:36 Hrs/05-04-2023, MSLDC Kalwa issued code to diable A/R of 400 kV Koradi- Khaparkheda 1. During execution of code, LBB mal-operated and resulted in tripping of all the elements connected to 400 kV Koradi Bus 1. Koradi Unit 6 (210 MW), 400/220 kV Koradi ICT-1, 400 kV Koradi- Bhusawal, 400 kV Koradi- Bhilai, 400 kV Koradi- Satpura and 400 kV Koradi Khaparkheda Ckt 1 tripped along with 400 kV Koradi Bus 1. As intimated by MSLDC Kalwa, Generation loss of 180 MW occurred at 400 kV Koradi due to the event.	Tripping of 1. 400 kV Koradi- Bhusawal 2. 400 kV Koradi- Bhliai 3. 400 kV Koradi- Satpura 4. 400 kV Koradi- Khaparkeda 1 5. 400/220 kV Koradi ICT 1 6. 210 MW koradi Unit 6
2	GI-2	WR	06-Apr-23 17:40	06-Apr-23 20:02	2:22	393	-	0.006	-	66412	61334	At 17:40 Hrs/06-04-2023, R-phase CT of 402 Bay failed at 400 kV MCCPL station. This failure resulted in tripping of 400kV MCCPL-Bilaspur line on Zone-IV (reverse) protection operation and MCCPL Unit-1 (300MW) generating 268MW on Teed differential protection operation. At the same time, ACBIL Unit-1 (135MW) generating 125MW also tripped on excitation loss. Generation loss of 393 MW occurred at MCCPL and ACBIL due to the event.	Tripping of 1. 400 kV MCCPL- Bilaspur 2. 300 MW MCCPL Unit 1 3. 135 MW ACBIL Unit 1
3	GI-1	WR	14-Apr-23 00:38	14-Apr-23 00:46	0:08	-	106	-	0.002	73160	63502	At 00:38 Hrs/14-04-2023, 220 kV Amona- Ponda 1 & 220 kV Mapusa- Amona tripped on B-E fault (both circuit in same tower) due to earth wire snapping at location no. 94. Due to the delayed clearance of fault from Ponda end, 220/110 kV Ponda ICTs 2&3 tripped on B/U E/F protection operation. There was a load loss of 106 MW due to the event.	Tripping of 1. 220 kV Amona- Ponda 1 2. 220 kV Mapusa- Amona 3. 220/110 kV Ponda ICTs 2&3
4	GI-2	WR	15-Apr-23 13:34	15-Apr-23 14:43	1:09	-	-	-	-	67899	63709	At 13:34 Hrs/15-04-2023, R phase CB pole of 400 kV Pachchham line blasted at 400 kV Chorania substation and resulted in tripping of all the elements connected to 400 kV Chorania Bus 2. There was no load loss due to the event.	Tripping of 1. 400 kV Chorania- Amreli 2. 400 kV Chorania- Asoj 2 3. 400 kV Chorania- Charal 4. 400 kV Chorania- Mansar 5. 400 kV Chorania- Yadavi 1 7. 400 kV Chorania- Pachchham 6. 400/220 kV Chorania ICTs 1,2&3
5	GD-1	WR	15-Apr-23 15:56	15-Apr-23 18:41	2:45	20	-	0.000	-	73884	66997	At 15:56 Hrs/15-04-2023, 220 kV Bhuj- Kota Madh line tripped at Kota Madh end on O/C&E/F protection operation. As reported by site, Y-Phase CT Secondary connection found loose and the same was tightened. There was a generation loss of around 20 MW at 220 kV Kotda Madh (Alfanar) Wind Power Plant.	Tripping of 1. 220 kV Bhuj- Kotda Madh
6	GD-1	WR	17-Apr-23 17:24	17-Apr-23 19:50	2:26	100	-	0.001	-	74592	66077	At 17:24 Hrs/17-04-2023, 220 kV Bhuj-Dayapar-2 line tripped on B phase to earth fault. There was a generation loss of around 100 MW at 220 kV Dayapar (Inox) Wind Power Plant.	Tripping of 1. 220 kV Bhuj-Dayapar-2
7	GI-1	WR	22-Apr-23 15:12	22-Apr-23 16:34	1:22	125	-	0.002	-	68858	63771	At 15:12 Hrs/22-04-2023,400 kV Chandrapur-Bus-2 and all connected elements tripped on bus bar protection operation due to flash over in Y phase CT of 400 kV Chandrapur-Bhadrawati-2. There was a generation loss of around 125 MW at 400 kV Chandrapur due to the event.	Tripping of 1. 400 kV Chandrapur-Bus-2 2. 400 kV Chandrapur-Shadrawati-1 & 2 3. 400 kV Chandrapur-Chandrapur(HVDC)-1 4. Chandrapur Unit-4 (210 MW)
8	GD-1	WR	22-Apr-23 21:32	22-Apr-23 22:58	1:26	-	96	-	0.002	69822	59253	At 21:32 Hrs/22-04-2023,220 kV Doma-Bus-1 & 2 and all connected elements tripped due to blasting of Y phase CT of bus coupler at Doma. 220 kV Raipur-Doma-1 & 2 tripped from Doma end only. There was a load loss of around 96 MW due to the event.	Tripping of 1. 220 kV Doma-Bus-1 & 2 2. 220 kV Raipur-Doma-1 & 2 3. 220/132 kV Doma-ICT-1 & 2
9	GI-1	WR	24-Apr-23 19:50	24-Apr-23 21:26	1:36	175	-	0.002	-	70069	60793	At 19:50 Hrs / 24-04-2023,132 kV ACBIL-Renki-1 tripped on R phase to earth fault. Due to delayed clearance of fault, 400/132 kV ACBIL-ICT-1 & 2 tripped on Back up Earth fault protection operation. Heavy thunderstorm reported during the event by ACBIL. There was a generation loss of around 175 MW at 132 kV ACBIL due to loss of evacuation path.	Tripping of 1. 132 kV ACBIL-Renki-1 2. 400/132 kV ACBIL-ICT-1 & 2

							Details	of Grid E	vents dui	ring the Mont	th of Ap	ril 2023 in Western Region	ि सिंड-इंडिया GRID-INDIA
Sl No.	Category of Grid Event	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of gener load during t	ration / loss of the Grid Event	% Loss of gen of load w.r.t Generation Regional Grid	neration / loss Antecedent Load in the d during the Event	Antecedent Generat the Regional	tion/Load in Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	(GI 1or 2/ GD-1 to GD-5)		2.000			Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW	-)	
10	GD-1	WR	25-Apr-23 19:54	26-Apr-23 02:38	6:44	117	-	0.002	-	70376	60415	At 19:54 Hrs/25-04-2023, 220 kV Bhuj- Dayapar-2 line tripped at Bhuj end only on B phase to earth fault . As reported by site, Rope found hanging at tower location 111. There was a generation loss of around 117 MW 220 kV Dayapar (Inox) Wind Power Plant.	Tripping of 1. 220 kV Bhuj- Dayapar-2
11	GD-1	WR	26-Apr-23 11:40	26-Apr-23 20:21	8:41	86	-	0.001	-	67822	64478	At 11:40 Hrs/26-04-2023, 220 kV Bhuj- Dayapar-2 line tripped at Bhuj end only on B phase to earth fault. As reported by site, rope found hanging at tower location 111. There was a generation loss of around 86 MW 220 kV Dayapar (Inox) Wind Power Plant.	Tripping of 1. 220 KV Bhuj- Dayapar-2
12	GD-1	WR	28-Apr-23 15:58	28-Apr-23 17:51	1:53	149	-	0.002	-	65622	59495	At 15:58 Hrs/28-04-2023, 220 kV Indore(PG)-Pritamnagar(AWEMP1PL) line tripped on R phase to ground fault. There was a generation loss of around 149 MW at Pritamnagar (SBESS) Wind Power Plant.	Tripping of 1. Indore(PG)-Pritamnagar(AWEMP1PL)

								Details o	f Grid Eve	ents during th	ne Month	of April 2023 in Southern Region	👔 ग्रिंड-इंडिया GRID-INDIA
SI N	Category of Grid Event	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration	Loss of generatio during the (on / loss of load Grid Event	% Loss of gene load w.r.t A Generation/ Regional Grid d Eve	ration / loss of intecedent Load in the uring the Grid ent	Antecedent Generati Regional	ion/Load in the Grid	Brief details of the event (pre fault and post fault system conditions)	Name of Elements (Tripped/Manually opened)
	(GI lor 2/ GD-1 to GD-5)					Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
1	GD-1	Kamataka	04-Apr-23 10:58	04-Apr-23 11:40	42mins	0	400	0.00%	0.68%	50576	59229	Complete Outage of 220kV/66kV Begur SS, 220kV/66kV KHWPK SS, 220kV/66kV Hosakote SS, Tripping of 220kV Bus-1 of 220kV/66kV DB Pura SS and Multiple trippings at 400kV/220kV Devanahalli SS of KPTCL: During anteredent conditions, 220kV/66kV DB Pura was operating under split bus condition with 220kV Begur DB Pura line feeding 220kV DB Pura Bus-1. 220kV/66kV Begur SS, 220kV/66kV KHWPK SS, 220kV/66kV Hosakote SS were being radially fed from 220kV Devanahalli KHWPK line-182 and 220kV Begur Hodvy line. As per the reports submitted, the triggering inclent was suspected 220kV Besur and Bus-2 fault a Devanahalli SS during bus changeover activity. Fault was cleared by tripping of 400kV/220kV Devahalli ICT-182 on backup Earth Fault protection. This led to loss of supply at 220kV Devanahally Bus. Subsequently, 220kV Hoody Begur line tripped on RY fault. This led to complete outage of 220kV/66kV Begur SS, 220kV/66kV KHWPK SS, 220kV/66kV Hosakote SS and loss of supply to 220kV Bus-1 of 220kV/66kV BP ura SS.	1. 400kV/220kV Devanahalli ICT-1,2 2. 220kV Begur KHWPK Line-1 3. 220kV Hoody Begur Line
2	GD-1	Kerala	04-Apr-23 16:24	04-Apr-23 17:08	44mins	0	86	0.00%	0.15%	46605	57669	Complete Outage of 220kV/66kV Kaahyampetta SS of KSEB and Tripping of 220kV Bus-2 of 220kV/66kV Hootagalli SS and 220kV Bus-2 of 220kV/66kV Kadakola SS of KPTCL: 220kV/33kV Kaniyampetta SS was operating with single bus at 220kV level. 220kV/66kV Hootagalli SS and 220kV/66kV Kadakola SS were operating under split bus conditions at 220kV level. 220kV Bus-2 of 220kV/66kV Kadakola SS was being radially fed from 220kV Kaniyampetta Kadakola line and 220kV Bus-2 of 220kV/66kV Hootagalli SS was being radially fed from 220kV Kaniyampetta Kadakola line and 220kV Bus-2 of 220kV/66kV Hootagalli SS was being radially fed from 220kV Kaniyampetta Kadakola line and 220kV Bus-2 of 220kV/66kV Hootagalli SS was being radially fed from 220kV Kaniyampetta SS during charging of 220kV/66kV S0MVA Transformer-1 at Kaniyampetta end. This led to complete outage of 220kV/33kV Kaniyampetta SS which further led to supply failure to 220kV Bus-2 at 220kV/66kV Kadakola SS and 220kV/66kV Hootagally SS.	1. 220KV Kadakola Kaniyampetta 2. 220KV Kaniyampetta Kunnamangalam
3	GD-1	Karnataka	06-Apr-23 13:25	06-Apr-23 13:56	31mins	300	40	0.60%	0.07%	50155	59770	Complete Outage of 220kV Nagiheri PH, 220kV Kodasalli PH, 220kV Kadra PH of KPCL and 220kV/110kV Karwar SS of KPTCL: During antecedent conditions, 220kV Nagiheri PH was operating with single bus configuration at 220kV level. 220kV Kaiga Kadra and 220kV Kaiga Kodasalli were under outage. 220kV Kodasalli PH, 220kV Kadra PH and 220kV/110kV Karwar SS were being radially fed from 220kV Nagiheri PH. As per the reports submitted, the triggering incident was B-N fault in 220kV Bus at Nagiheri PH. The fault was cleared by tripping 220kV lines on remote ends on zone-2 protection and Units on Backup Earth fault protection. This led to complete outage of 220kV Nagiheri PH, 220kV Kodasalli PH, 220kV Kadra PH and 220kV/110kV Karwar SS.	1. 220kV Nagjheri Ambewadi line-1&2 2. 220kV Nagjheri Hubii Line-1,2&3 3. 220kV Nagjheri Bidnal 4. 220kV Nagjheri Kodsalli Line-1&2
4	GD-1	Karnataka	09-Apr-23 12:03	09-Apr-23 12:30	27mins	0	245	0.00%	0.44%	48073	55134	Complete Outage of 2200X/960X Medial SS, 220X/960X MBK Layout SS and Multiple trippings at 220X/960X Marytaha Tech Park SS and 220X/960X Marytaha Tech Park SS and 220X/960X Manytaha Tech Park SS SS at 220X/960X Manytaha Tech Park SS SS 20X/960X Manytaha Tech Park SS 20X/960X Man	1. 220kV Hoody Begur
5	GD-1	Karnataka	13-Apr-23 10:15	13-Apr-23 10:30	15mins	0	30	0.00%	0.05%	52501	62126	Complete Outage of 220kV Kodasalii PH, 220kV Kadra PH of KPCL and 220kV/110kV Karwar SS of KPTCL: During antecedent conditions, 220kV Kaiga Kadra and 220kV Kaiga Kodasalii were under outage. 220kV Kadra PH and 220kV/110kV Karwar SS were being radially fed from 220kV Kodsalii PH. As per the reports submitted, the triggering incident was tripping of all connected lines at 220kV Kodasalii PH on operation of CTD due to loss of DC supply. This resulted in complete outage of 220kV Kodasalii PH, 220kV Kadra PH and 220kV/110kV Karwar SS.	1. 220kV Nagiheri Kodsalli Line-1&2 2. 220kV Kadra Kodsalli
6	GD-1	Karnataka	15-Apr-23 18:01	15-Apr-23 19:09	1hr 8mins	19	0	0.05%	0.00%	40682	51170	Complete Outage of 220kV/66kV Tirumani SS-1, 220kV/66kV Tirumani SS-2 and 220kV/66kV Rychalu_1 SS of KSPDCL: As per the reports submitted, the triggering incident was the operation of over voltage protection of 220kV Pavagada Tirumani Line-128, 220kV Pavagada Rychalu line at Tirumani and Rychalu ends respectively. Since 220kV/66kV Tirumani SS-1, 220kV/66kV Tirumani SS-2 and 220kV/66kV Rychalu_1 SS are radially connected to Pavagada, tripping of these lines resulted in a complete outage of 220kV/66kV Tirumani SS-1, 220kV/66kV Tirumani SS-2 and 220kV/66kV Rychalu_1 SS. At the same time, 400kV Pavagada Mycore Line-1 and 400kV Nelamangala Hassan Lines tripped on over voltage protection at Pavagada and Hassan end	1. 4.00kV Pavagada Mysore-1 2.220kV Pavagada Tirumani-1,2 3.220kV Pavagada Rychalu_1 4.400KV Nelamangala Hassan
7	GD-1	Karnataka	20-Apr-23 09:49	20-Apr-23 09:56	7mins	0	40	0.00%	0.06%	52446	61983	Complete Outage of 220kV Kodasalli PH, 220kV Kadra PH of KPCL and 220kV/110kV Karwar SS of KPTCL: During antecedent conditions, 220kV Kaiga Kadra and 220kV Kaiga Kodasalli Were under outage. 220kV Kadra PH and 220kV/110kV Karwar SS were being radially fed from 220kV Kodsalli PH. As per the reports submitted, the triggering incident was tripping of all connected lines at 220kV Kodsalli PH on operation of CTD due to loss of DC supply. This resulted in complete outage of 220kV Kodsalli PH, 220kV Kadra PH and 220kV/110kV Karwar SS.	1. 220KV Nagjheri Kodsalli Line-1&2 2. 220KV Kadra Kodsalli
8	GD-1	Tamil Nadu	22-Apr-23 14:27	22-Apr-23 15:26	59mins	160	230	0.34%	0.41%	47338	56401	Complete Outage of 230kV OPGC Alamathy and Tripping of 230kV Bus-1 &2 at 400kV/230kV/110kV Alamathy SS of TANTRANSCO: 230kV OPGC Alamathy is radially connected to 400kV/230kV/110kV Alamathy SS. As per the reports submitted, due to heavy wind and rain, all the 230kV lines connected to 230kV Bus-1 tripped on different faults from 15:Shrs to 14:37hrs. At 14:27hrs, an insulator connected to 230kV Alamathy OPGC Line-1 failed and fell on 230kV 2 at 400kV/230kV/110kV Alamathy SS causing a bus fault. Immediately, the BBP of the 230kV Bus-2 operated and all the elements connected to the bus tripped. Subsequently, 40kV/230kV/110kV Alamathy CSS. This resulted in complete outage of 230kV Alamathy OPGC.	1. 400kV/230kV Alamathy ICT-3 &5 2. 230kV Alamathy OPG Line-1&2 3. 230kV Manali Alamathy Line-1 & 2 4. 400kV Manali Alamathy 4. 230kV NCTPS Alamathy 5. 230kV Alamathy Kyambedu 6. 230kV Alamathy Thiruverkadu 7. 230kV Alamathy Mosur

								Details of	f Grid Eve	ents during th	e Month	of April 2023 in Southern Region	👔 ग्रिड-इंडिया GRID-INDIA
SI No.	Category of Grid Event	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration	Loss of generatio during the G	n / loss of load Grid Event	% Loss of gener load w.r.t A Generation/J Regional Grid d Eve	ration / loss of .ntecedent Load in the uring the Grid ent	Antecedent Generati Regional (on/Load in the Grid	Brief details of the event (pre fault and poot fault system conditions)	Name of Elements (Tripped/Manually opened)
	(GI lor 2/ GD-1 to GD-5)					Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
9	GD-1	Karnataka	22-Apr-23 15:46	22-Apr-23 16:10	24mins	0	170	0.00%	0.30%	45266	55773	Complete Outage of 220kV/66kV KIADB Harohalli SS and 220kV/66kV Kanakpura SS of KPTCL: During antecedent conditions, 220kV Kanakpura TK Halli Line was under shutdown. 220kV/66kV KIADB Harohalli SS and 220kV/66kV Kanakpura SS were being radially fed through 220kV Somanahalli Harohalli Inc. As per the reports submitted, the triggering incident was R-M fault in 220kV Somanahalli Harohalli Inc and the line tripped at both ends. Tripping of this line resulted in complete outage of Complete Outage of 220kV/66kV KIADB Harohalli SS and 220kV/66kV Kanakpura SS.	1. 220kV Somanahalli Harohalli
10	GD-1	Andhra Pradesh	23-Apr-23 06:35	23-Apr-23 10:22	3hr 47mins	0	0	0.00%	0.00%	38295	46307	Complete Outage of 400kV Gautami CCPP: During antecedent conditions, 400kV Vemagiri Gautami Line-2 was under idle charged condition from Vemagiri end. As per the reports submitted, the triggering incident was R-N fault in 400kV Vemagiri Gautami Line-1 and the line tripped. Tripping of the only connected line resulted in complete outage of 400kV Gautami CCPP.	1. 400kV Vernagiri Gautami Line-1
11	GD-1	Tamil Nadu	26-Apr-23 04:50	26-Apr-23 05:41	51mins	0	0	0.00%	0.00%	36240	41996	Complete Outage of 230kV/110kV Kadalangudi SS of TANTRANSCO: As per the reports submitted, the triggering incident was line to ground fault in 230kV Kadalangudi PP Nallur line. At Kadalagudi end, breaker failed to open causing 230kV LBB to operate and all the elements connected to the bus got tripped. This led to complete outage of 230kV/110kV Kadalangudi SS. 230kV Kadalangudi is under single bus operation.	1. 230kV Kadalangudi PP Nallur-18.2 2. 230kV Kadalangudi Neyveli TS-II 3. 230kV Kadalangudi Neyveli 4. 230kV/110kV Kadalangudi Transformer-18.2
12	GD-1	Karnataka	27-Apr-23 16:34	27-Apr-23 18:08	1hr 34mins	963	0	2.18%	0.00%	44173	52305	Complete Outage of 400kV YTPS of KPCL: As per the reports submitted, the triggering incident was R-N fault in 400kV YTPS BPS line-1 and the line tripped. At the same time, 400kV YTPS BPS Line-2 also tripped. Tripping of both lines resulted in complete outage of 400kV YTPS.	1. 400kV YTPS BPS Line-1&2
13	GD-1	Karnataka	30-Apr-23 10:11	30-Apr-23 11:11	1hr	0	19	0.00%	0.04%	40489	45853	Complete outage of 220kV/66kV Guttur SAS SS and Tripping of 220kV Bus-1 of 400kV/220kV Guttur SS of KPTCL: As per the reports submitted, the tiggering incident was the LBB maloperation of 220kV Guttur Guttur SASLine -1. Immediately, all the elements connected to 220kV Bus-1 tripped. Since 220kV/66kV Guttur SAS was being radially fed from 400kV/220kV Guttur SS, this resulted in complete outage of 220kV/66kV Guttur SAS SS.	1.400kV/220kV Guttur ICT-2 2.220kV Guttur SAS Line-1&2 3.220kV Guttur Neelagunda 4.220kV Guttur Davanagere Line-1&2
14	GI-2	Andhra Pradesh	01-Apr-23 15:32	01-Apr-23 23:47	8 hrs 15 mins	0	0	0.00%	0.00%	47186	58860	Tripping of 400KV Bus-1 of 400KV/220KV/11KV Guddigudem SS of APTRANSCO: As per the reports submitted, the triggering incident was 400KV Bus-1 BBP maloperation at 400KV/220KV/11KV Guddigudem SS resulting in the tripping of all the elements connected to Bus-1.	1. 400kV Guddigudem KV Kota Line-1&2 2. 400kV Guddigudem KV Hiduja Line-2
15	GI-1	Andhra Pradesh	29-Apr-23 14:24	29-Apr-23 14:59	25mins	400	0	0.87%	0.00%	46211	50290	Tripping of 220kV Bus-2 of 220kV VTPS Generating station of APGENCO: As per the reports submitted, the triggering incident was R-Y fault in 220kV VTPS Nuziwedu line-2. AT VTPS end, Y-pole of breaker failed to open causing LBB to operate and all the elements connected to the 220kV Bus-2 tripped.	220KV VTPS Nuziveedu Line-2 2.20KV VTPS Gunadala Line-2 2.20KV VTPS Gondapall Line-2 2.20KV VTPS VTPS Tadikonda Line-2 2.20KV VTPS Indialuu Line-2 7.20KV VTPS Indialuu Line-2 7.20KV VTPS Gindialuu Line-2 9.VTPS Lonit-2,38.6
16	Gi-1	Tamil Nadu	30-Apr-23 16:53	30-Apr-23 17:45	52mins	0	50	0.00%	0.12%	35015	42436	Tripping of 230KV Bus at 230KV/110kV Acharapakkam SS of TANTRANSCO: 230KV/110KV Acharapakkam SS was operating with single bus configuration. As per the reports submitted, the triggering incident was V-M fault in 230kV kalpakkam Acharapakkam line. At Acharapakkam end, due to a discrepency in breaker opening, LBB operated and all the elements connected to the bus tripped. 110kV level was intact during the event.	1. 230kV Acharapakkam Kalpakkam 2. 230kV Acharapakkam Villopuram 3. 230kV/110kV Acharapakkam Auto Transformer Line-28.3
17	GI-1	Telangana	30-Apr-23 21:55	01-May-23 00:16	2hrs 21mins	0	0	0.00%	0.00%	34779	41742	Tripping of 220kV Bus-1 of 220kV Upper Jurala PH of TSGENCO: During antecedent conditions, there was no generation at 220kV Upper Jurala PH. As per the reports submitted, the triggering incident was R-N fault in 220kV Jurala Raichur, KA Line-1. At the same time, the Bus Coupler tripped on over current protection. Tripping of only connected line and bus coupler resulted in de-energization of 220kV Bus-1 at 220kV Upper Jurala PH.	1. 220kV Jurala Raichur_KA Line-1 2. 220kV Bus coupler at 220kV Jurala PH

						Deta	ils of C	arid Eve	nts durin	g the Month	of Apri	1 2023 in Eastern Region जिड-इंडिया	ľ
Sl No	Category of Grid Event	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM)	Loss of ger loss of load Grid I	neration / during the Event	% Loss of ge of load w.r. Generation Regional Ge Grid	eneration / loss .t Antecedent n/Load in the rid during the l Event	Antecedent Generation the Regiona	ation/Load in al Grid	Brief details of the event (pre fault and post fault system conditions) Elements Tripped	
	(GI 1 or 2/ GD-1 to GD-5)					Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
1	GD-1	Teesta-3, Dikchu	17.04.2023 21:33	17.04.2023 22:08	00:35	1234	0	3.85%	0.00%	32035	27275	At 21:33 Hrs, 400 kV Rangpo-Dikchu tripped due to B_N Fault leading to tripping of all running units at Teesta 3 and Dikchu due to loss of evacuation path as 400 kV 400 kV Teesta 3-Dikchu Teesta 3-Rangpo already tripped at 20:53 Hrs due to Y_B_N fault. Around 1234 MW generation loss occurred (Teesta 3:1187 MW, Dikchu: 47 MW)	
2	GD-1	Teesta-3, Dikchu	17.04.2023 22:53	17.04.2023 23:21	00:28	1237	0	3.81%	0.00%	32446	27744	At 22:53 Hrs, 400 kV Rangpo-Dikchu tripped again due to B_N Fault leading to tripping of all running units at Teesta 3 and Dikchu due to loss of evacuation path as 400 kV Teesta 3-Rangpo was already under breakdown. Around 1237 MW generation loss occurred (Teesta 3:1188 MW, Dikchu: 49 MW)	
3	GD-1	Teesta-3, Dikchu	18.04.2023 03:27	18.04.2023 04:03	00:36	1096	0	3.58%	0.00%	30610	26595	At 03:27 Hrs, 400 kV Rangpo-Dikchu tripped again due to B_N Fault leading to tripping of all running units at Teesta 3 and Dikchu due to loss of evacuation path as 400 kV Teesta 3-Rangpo was already under breakdown. Around 1096 MW generation loss occurred (Teesta 3:1000 MW, Dikchu: 96 MW)	
4	GI-1	Tenughat	18.04.2023 13:19	18.04.2023 14:15	00:56	305	0	1.10%	0.00%	27802	29055	At 13:19 Hrs, B_ph CT of 220 kV Tenughat-Govindpur-2 burst at Tenughat. At the same time, both running units at Tenughat also tripped. Around 305 MW generation loss occurred at Tenughat.	
5	GD-1	Chandil	27.04.2023 07:12	27.04.2023 07:33	00:21	0	250	0.00%	1.15%	28581	21773	At 07:12 Hrs, 220 kV Bus PT at Chandil burst leading to tripping of all elements connected to 220 kV Bus at Chandil as bus bar protection is not available. This led to completer power failure at Chandil S/s and load loss of around 250 MW occurred at Rajkhasrawan, Chakradharpur, Jadugoda, Dalbhumgarh, Golmuri, Kendposi, Tamar, Khunti, Adityapur.	

						De	etails of Grid	Events duri	ing the Month	of April 2	023 in North	Eastern Region	🚺 ग्रिड-इंडिया GRID-INDIA
	Category of Grid		Time and Data of			Loss of gener	ation / loss of load	% Loss of generat	tion / loss of load w.r.t	Antecedent G	eneration/Load in the		
Sl No.	(GI 1or 2/ GD-1 to GD-5)	Affected Area	occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM:SS)	Generation Loss(MW)	Load Loss (MW)	Antecedent Gen % Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
												Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Along - Daporijo Line.	
1	GD 1	Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System	01-Apr-23 17:45	01-Apr-23 18:28	0:43:00	0	14	0.00%	0.58%	2278	2429	At 17:45 Hrs on 01.04.2023,132 KV Along - Daporijo Line tripped. Due to tripping of this element, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas.	132 kV Along - Daporijo Line
												132 kV Along - Daporijo Line was declared faulty at 18:28 Hrs on 01.04.2023. Power supply was extended to Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System by charging 132 kV Along - Daporijo Line at 10:23 Hrs on 02.04.2023	
												Lumshnong area of Meghalaya Power System were connected with the rest of NER Grid through 132 kV Panchgram-Lumshnong Line. 132 kV Khleihriat-Lumshnong Line was already under tripped condition since 04:36 Hrs on 02.04.2023.	
2	GD 1	Lumshnong area of Meghalaya Power System	02-Apr-23 04:55	03-Apr-23 05:20	0:25:00	0	20	0.00%	1.52%	2077	1312	At 04:55 Hrs on 02.04.2023,132 kV Panchgram-Lumshnong Line tripped. Due to tripping of this element, Lumshnong area of Meghalaya Power System were separated from the rest of NER Grid and subsequently collapsed due to no source available in this area.	132 kV Panchgram-Lumshnong Line
												Power supply was extended to Lumshnong area of Meghalaya Power System by charging 132 kV Khleihriat- Lumshnong Line at 05:20 Hrs on 02.04.2023.	
												Kohima, Meluri and Kiphire areas of Nagaland Power System were connected with the rest of NER Grid through 132 kV Karong-Kohima & 132 kV Dimapur (PG) - Kohima Lines. 132 kV Kohima - Chephobozou Line was under state approved shutdown.	
3	GD 1	Kohima, Meluri and Kiphire areas of Nagaland Power System	02-Apr-23 12:35	02-Apr-23 13:19	0:44:00	6	17	0.28%	0.98%	2133	1731	At 12:35 Hrs on 02.04.2023, 132kV Karong-Kohima and 132 kV Dimapur (PG) - Kohima Lines tripped. Due to tripping of these elements, Kohima, Meluri and Kiphire areas of Nagaland Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in these areas.	132 kV Karong-Kohima & 132 kV Dimapur (PG) - Kohima Lines
												Power supply was extended to Kohima, Meluri & Kiphire areas of Nagaland Power System by charging 132 KV Dimapur(PG)-Kohima Line at 13:19 Hrs on 02.04.2023.	
												Kohima, Meluri and Kiphire areas of Nagaland Power System were connected with the rest of NER Grid through 132 kV Karong-Kohim Line. 132 kV Kohima - Chephobozou Line was under planned shutdown and 132 kV Dimapur(PG)-Kohima Line was already under tripped condition since 15:59 Hrs on 02.04.2023.	
4	GD 1	Kohima, Meluri and Kiphire areas of Nagaland Power System	02-Apr-23 16:28	02-Apr-23 16:42	0:14:00	0	24	0.00%	1.37%	2060	1747	At 16:28 Hrs on 02.04.2023, 132 kV Karong-Kohima Line was hand tripped on emergency basis as fire detected in isolator. Due to tripping of this element, Kohima, Meluri and Kiphire areas of Nagaland Power System were separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas.	132 kV Karong-Kohim Line
												Power supply was extended to Kohima, Meluri & Kiphire areas of Nagaland Power System by charging 132 KV Dimapur(PG)-Kohima at 16:42 Hrs on 02.04.2023.	
												Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Along - Pasighat Line.	
5	GD 1	Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System	02-Apr-23 17:35	02-Apr-23 17:45	0:10:00	0	14	0.00%	0.70%	2333	2012	At 17:35 Hrs on 02.04.2023, 132 kV Along - Pasighat Line tripped. Due to tripping of this element, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas.	132 kV Along - Pasighat Line.
												132 kV Along - Pasighat Line was declared faulty at 17:45 Hrs on 02.04.2023. Power supply was extended to Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System by charging 132 kV Along - Pasighat Line at 14:45 Hrs on 03.04.2023	
												Along, Pasighat, Roing, Tezu and Namsal areas of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Along - Daporijo Line.	
6	GD 1	Along, Pasighat, Roing, Tezu, Namsai areas of Arunachal Pradesh Power System	14-Apr-23 10:10	14-Apr-23 11:15	1:05	0	17	0%	1%	2187	2120	At 10:10 Hrs on 14.04.203.132 W Along - Daporijo Line tripped. Due to tripping of this element, Along, Pasighat, Roing, Teu and Namsai areas of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas.	132 kV Along - Daporijo Line
												132 kV Anong - Japonjo Line was declared faulty at 11:15 Hrs on 14.04 2023. Power supply was settended to Along. Pasighat, Roing, Tecu and Alamsai areas of Arunachal Pradesh Power System by charging 132 kV Along - Daponjo Line at 20:02 Hrs on 14.04.2023.	

						D	etails of Grid	Events dur	ing the Month	of April 2	2023 in North I	Eastern Region	🚺 ग्रिड-इंडिया GRID-INDIA
-	Category of Grid					Loss of gene	ration / loss of load	% Loss of genera	ation / loss of load w.r.t	Antecedent G	eneration/Load in the		
su	io. (GI 1or 2/ GD-1 to GD-5)	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM:SS)	during Generation Loss(MW)	the Grid Event Load Loss (MW)	Antecedent Ge % Generation Loss(MW)	% Load Loss (MW)	Rep Antecedent Generation	gional Grid Antecedent Load (MW)	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	7 GD 1	Daporijo, Along, Pasighat, Roing, Texu, Namsai areas of Arunachal Pradesh Power System	16-Apr-23 15:40	16-Apr-23 16:34	0:54	0	18	0%	1%	(MW) 2062	2544	Daporijo, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Ziro- Daporijo Line. Ar 15:40 Hr son 16.04.2023. J32 kV Ziro- Daporijo Line tripped. Due to tripping of this element, Daporijo, Along, Pasighat, Roing, Tezu and Namsia reas of Annuachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas. Power supply was extended to Daporijo, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System by charging 132 kV Ziro-Daporijo Line at 16:34 Hrs on 16.04.2023.	132 kV Ziro - Daporijo Line
	8 GD 1	Depota, Ghoramari, Dhekiajuli and Rowta areas of Assam Power System	18-Apr-23 19:36	18-Apr-23 19:46	0:10:00	0	120	0.00%	3.85%	2960	3114	Depota, Ghoramari, Dhekiajuli and Rowta areas of Assam Power System were connected with the rest of NER Grid through 132 kV Sonabil - Depota and 132 kV Sonabil - Ghoramari Line. 132 kV Sipajhar - Rowta & 132 kV Tangla - Rowta Lines were under shutdown to control overloading of 220 kV Balipara-Sonabil Line. At 1936 HK on 18 04 2023, 132 kV Sonabil - Depota and 132 kV Sonabil -Ghoramari Lines tripped. Due to tripping of these elements. Depota. Choramari Dhekiaji and Rowta area S dasam Power System were separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas. Power supply was extended to Depota, Ghoramari, Dhekiajuli and Rowta areas of Assam Power System by charging 132 kV Sonabil -Depota Line at 19.46 Hrs on 18.04 2023.	132 kV Sonabil - Depota and 132 kV Sonabil - Ghoramari Lines
	6D 1	Dhaligaon, Barpeta, Bornagar, Jogighopa and Gosaigaon areas of Assam Power System	19-Apr-23 01:50	19-Apr-23 01:59	0.09-00	0	122	0.00%	5.74%	2214	2127	Dhaligaon, Barpeta, Bornagar, Jogighopa and Gosaigaon areas of Assam Power System were connected with the rest of NER Grid through 132 kV BTPS(K3) - Dhaligaon D/C. Lines. 132 kV Natbari-Barpeta Line was under shutdown to avoid overloading of 132 kV BTPS-Dhaligaon D/C Lines, 132 kV Bornagar - Rangia Line was under shutdown to avoid overloading of 132 kV Straignon advirus Line was under shutdown to avoid overloading of 132 kV BTPS- tokanjhar (/C Lines. At 01:50 Hrs on 19.04.2023, 132 kV BTPS[A5] - Dhaligaon D/C Lines tripped. Due to tripping of these elements, Dhaligaon, Barpeta, Bornagar, Jogighopa and Gosaigaon areas of Assam Power System were separated from the rest of NER Grid and subsequently Colleged due to source available in these areas. Power supply was extended to Dhaligaon, Barpeta, Bornagar, Jogighopa and Gosaigaon areas of Assam Power System by charging 132 kV BTPS(K5) - Dhaligaon 1 Line at 01:59 Hrs on 19.04.2023.	132 kV BTPS(AS) - Dhallgaon D/C Lines
	10 GD 1	Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System	19-Apr-23 18:17	19-Apr-23 18:41	0:24:00	3	25	0.12%	0.85%	2603	2929	Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 KY Balipara - Tenga Line. At 18:17 Hrs on 19 04 2023, 132 kV 132 kV Balipara - Tenga Line tripped. Due to tripping of this element Tenga, Khupi areas & Dikshi HEP areas of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation mismarki in these areas. Power supply was extended to Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System by charging 132 kV Balipara - Tenga Line at 18:41 Hrs on 13.04.2023.	132 kV Balipara - Tenga Line
	11 GD1	Ziro, Daporijo, Along, Pasighat, Roing, Tezu and Namsal areas of Arunachal Pradesh Power System	21-Apr-23 03:27	21-Apr-23 03:58	0:31:00	0	15	0.00%	0.99%	1983	1516	Ziro, Daporijo, Along, Pasighat, Roing, Tetu and Namsai areas of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Ranganadi - Ziro Line . At 03:27 Hrs on 21.04.2033, 132 kV Ranganadi - Ziro Line tripped. Due to tripping of this element, Ziro, Daporijo, Along, Pasighat, Roing, Tetu and Namaai areas of Arunachal Pradesh Power System were separated from rest of NER Grid and tubsequentity Colleged due to no source analbale in these areas. Power supply was extended to Ziro, Daporijo, Along, Pasighat, Roing, Tetu and Namsai areas of Arunachal Pradesh Power System by charging 132 kV Ranganadi - Ziro Line at 0358 Hrs on 21.04.2023.	132 kV Ranganadi - Ziro Line.
	12 GD 1	Rokhia area of Tripura Power System	21-Apr-23 18:17	21-Apr-23 19:08	0:51	20	2	1%	0%	3050	2548	Rokhia area of Tripura Power System was connected with rest of NER grid through 132 KV Monarchak - Rokhia Line. 132 KV Rokhia -Agartala D/C Lines were already under tripped condition since 18:15 Hrs on 21.04.2023. At 18:17 Hrs on 21.04.2023, 132 KV Monarchak - Rokhia Line tripped. Due to tripping of this element, Rokhia area of Tripura Power System was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch in this area. Power supply was extended to Rokhia area of Tripura Power System by charging 132 kV Rokhia -Agartala 1 Line at 19:08 Hrs on 21.04.2023.	132 kV Monarchak - Rokhia Line
	13 GD 1	Kolasib, Bairabi areas and Turial HEP of Mizoram Power System	22-Apr-23 18:24	22-Apr-23 18:35	0:11	36	4	1%	0%	2793	2572	Kolasib, Bairabi areas of Mizoram Power System and Turial HEP were connected with rest of NER grid through 132 kV Badarpur-Kolasib and 132 kV Kolasib-Atzawi Lines. At 18:24 Hrs on 22.04.2023, 132 kV Badarpur-Kolasib, 132 kV Kolasib-Atzawi Lines tripped. Due to tripping of these elements, Kolasib, Bairabi areas and Turial HEP of Mizoram Power Systemm were separated from rest of NER Grid and subsequently colapsed due to bada generation mismatch in these areas. Power supply was extended to Kolasib, Bairabi areas and Turial HEP of Mizoram Power System by charging 132 kV Kolasib- Atzawi Line at 18:35 Hrs on 22.04.2023.	132 kV Badarpur-Kolasib, 132 kV Kolasib-Aizawl and 132 kV Kolasib - Turial Lines

	Details of Grid Events during the Month of April 2023 in North Eastern Region												
	Category of Grid	id Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration (HH:MM:SS)	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the		Antecedent Generation/Load in the Regional Grid			
Sl No.	(GI 1or 2/ GD-1 to GD-5)					Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)	Antecedent Generation	Antecedent Load (MW)	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
14	GD 1	Leshka Generating Stations of Meghalaya Power System	23-Apr-23 10:58	23-Apr-23 12:00	1:02	35	o	2%	0%	1788	1703	Leshka Generating Stations of Meghalaya Power System was connected with rest of NER grid through 132 kV Myntdu Leshka - khlehrinis U/C Lines. At 10:58 Hrs on 23.04.2023, 132 kV Myntdu Leshka - Khleihriat D/C Lines tripped. Due to tripping of these elements, Leshka Generating Station of Meghalaya Power System was separated from rest of NER Grid and subsequently collapsed due to loss of	f 132 kV Myntdu Leshka - Khleihriat D/C Lines
												evacuation pain. Power supply was extended to Leshka Generating Station of Meghalaya Power System by charging 132 kV Myntdu Leshka - Khiehrinta L1 Line at 12:00 Hrs on 73:04:2023	
15	GD 1	Lumshnong area of Meghalaya Power System	23-Apr-23 11:25	23-Apr-23 11:36	0:11	O	20	0%	1%	2000	1856	Lumshnong area of Meghalaya Power System was connected with rest of NER grid through 132 kV Khlehriat-Lumshnong Line. 132 kV Lumshnong-Panchgram Line was under Post OCC approved shutdown due to reconductoring with HTLS since 07:34 Hrs or 23 dat 2023.	t
												At 11:25 Hrs on 23.04.2023, 132 EV Khielhriat-Lumshnong Line tripped. Due to tripping of this element, Lumshnong area of Meghalaya Power System was separated from rest of NER Grid and subsequently collapsed due to no source available in this area.	
												Power supply was extended to Lumshnong area of Meghalaya Power System by charging 132 kV Khleihriat-Lumshnong Line at 11:36 Hrs on 23.04.2023.	
16	GD 1	Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System	24-Apr-23 10:04	24-Apr-23 11:00		4	27	0%	2%	1831	1781	Tenga, Khupi areas & Dikshi HEP of Arunachal Pradeah Power System were connected with the rest of NER Grid through 132 KV Balipara - Tenga Line. At 10:94 Hrs on 24.04.2023, 132 kV Balipara - Tenga Line tripped. Due to tripping of this element Tenga, Khupi areas & Dikshi	132 kV Balipara - Tenga Line
					0:56							HE PG AVAILADENT VAGEM POWER System we're separateo from the rest of NEK Gind and subsequently Collapsed oue to load generation mismatch in these areas. Power supply was extended to Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System by charging 132 kV Balipara - Tenga Line at 11:00 Hrs on 24.04.2023.	
17	GD 1	Daporizo, Along, Pasighat, Roing, Tezu and Namsai areas of Aruchanal Pradesh Power System	24-Apr-23 19:14	24-Apr-23 20:53	1:39	0	17	0%	1%	3066	2809	Daporizo, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Ziro - Daporijo Line. At 19-14 Hrs on 24.04.23, 132 kV Ziro - Daporijo Line tripped. Due to tripping of this element, Daporizo, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due ton source available in these areas. 132 kV Ziro - Daporijo Line was declared faulty at 2052 Hrs on 24.04.2023. Power supply was estended to Daporizo, Along, Pasighta, Roing, Tezu and Namsai areas of Aruchanal Pradesh Power System by charging 132 kV Ziro - Daporijo Line at 18.48 Hrs on 26.04.2023.	132 kV Ziro - Daporijo Line
18	GD 1	Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System	27-Apr-23 21:17	27-Apr-23 21:49	0:32	4	29	0%	1%	2499	2453	Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 Kb Balgara - Tenga Line. At 21:17 Hrs on 27.04.2023, 132 kV Balipara - Tenga Line tripped. Due to tripping of this element Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation instruction. In these areas. Power supply was extended to Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System by charging 132 kV Balipara - Tenga Line at 21:49 Hrs on 27.04.2023.	132 kV Ballpara - Terga Line
19	GD 1	Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System	28-Apr-23 17:40	28-Apr-23 18:07	0:27	4	27	0%	1%	2467	2538	Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Balipara - Tenga Line. At 17:40 Hrs on 28.04.2023, 132 kV Balipara - Tenga Line tripped. Due to tripping of this element Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation immarkin in these areas. Power supply was extended to Tenga, Khupi areas & Dikshi HEP of Arunachal Pradesh Power System by charging 132 kV Balipara - Tenga Line at 18:07 Hrs on 28.04.2023.	132 kV Balipara - Tenga Line