						D	etails of	f Grid E	vents d	luring the	Month	of March 2024 in Northern Region	🕡 गिड-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 gene load during t	eration / loss of the Grid Event	% Loss of gener load w.r.t Ar Generation/L Regional Grid du Even	ration / loss of ntecedent Load in the uring the Grid nt	Antecedent Genera Regional	tion/Load in the Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	(GI 1or GI 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	Haryana	02-Mar-2024 19:24	02-Mar-2024 23:34	04:10	0	0	0.000	0.000	37364	46283	Ipuning antendenic confilms, IBOV WICC Champe Fundwhers and conving faird GROMU (paren 1504M V pareh Nel). (un propried 13 12 1504m; ROM V WICC Chamber (PC) Nel cit and Nel cit Tripped due to C differential protection operated at Kunskhetra/PG) end (further details yet to be received from Towarding). IBDur to tripping of the polic (Pul-Cit and Nel-Cit), power shifts to other two Policy(Polic CIt and Polic O4) and power order remained same 600MW. W/A per HAM, Securation in instage and solver dis Nergana control area.	1) 800 KV HVDC Kurukshetra(PG) Pole-2 2) 800 KV HVDC Kurukshetra(PG) Pole-4
2	GD-1	Jammu and Kashmir	03-Mar-2024 00:19	03-Mar-2024 01:21	01:02	0	23	0.000	0.072	30649	31909	1.2026(47) Descript()) have doubte much but arrangement of 2203V vide 2203V vide 2203V vide which is further connected with Nakida and Leh. Chucki Hiel is connected with Nakida Vide Visiquities Attimosis bage Hiel is connected with Advance and	1) 220 KV Alusteng Drass (PG) Cit
3	GD-1	Jammu and Kashmir	03-Mar-2024 03:09	03-Mar-2024 04:26	01:17	0	14	0.000	0.051	29266	27567	() During entecedent condition (at 03.07hrs) approx. DMW power was coming from Alusteng to Drass and approx. 03MW power was going out from Drass to Kargil. Chutak HEP was generating "10MM. (a) 0.13hrs, 20x V Alusteng Drass (PG) Ext tripped on B N phase to earth fault. This again resulted into blackout at 220/64/V Drass/PG), Kargil, Chuisti and Leh. (ii) Due to the tripping upphy to 224V Drass/PG) stargil. Chuisti and Leh. (ii) Due to the tripping upphy to 224V Drass/PG) stargil. (b) and Leh. (ii) Due to the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass/PG) and Leh and a dynamical tripping upphy to 224V Drass/PG). (Kargil, Chuisti and Leh. (ii) Due to the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass/PG) approx. (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V Drass) (If a MW and the tripping upphy to 224V approx (If a MW and the tripping upphy to 224V approx (If a MW and the tripping upphy to 224V approx (If a MW and the tripping upphy to 224V approx (If a MW and the tripping upphy to 224V approx (If a MW and the tripping upphy to 224V approx (If a MW and the tripping upphy to	1) 220 KV Alusteng-Drass (PG) Cit
4	GI-2	Rajasthan	03-Mar-2024 14:01	05-Mar-2024 17:54	03:53	2510	0	5.612	0.000	44723	42911	 On CBV March, 2024, at 14:01, m4, 400 X Kankari-lasalamer (RS) CL-2 tripped on R-Y phase to phase fault. On CBV March, 2024, at 14:01, m4, 400 X Kankari-lasalamer (RS) CL-2 tripped on R-Y phase fault. Of A per VML at tradition(R), eV phase to phase observed, which increas within 100meer. Of A per VML at tradition(R) eV phase to phase observed, which areares within 100meer. At the same time, drop in RE generation of approximately 2510 MW is observed as ps SCADA data. Approx. 2200MW drop observed in ISTS RE generation, "60MW drop in Restrict maintening of assistent and indicated maternation." 	1) 400 KV Kankani-Jaisalmer (RS) Ckt-2
5	GD-1	Uttar Pradesh	07-Mar-2024 12:12	07-Mar-2024 13:57	01:45	0	0	0.000	0.000	52783	52018	Catachian Way generation and a Source student in the provide and generation. Journg anterestication, 400 V Singmail (MT) Vindhyachal[PG] (PG) 61-3 tripped due to maloperation of auto-recloser lock-out relay (B&2). As per DB, A/R lockast of main-1. Cli lockstroved. Cli lockstroved. B/RC] and Complete Biolocul occurred at Vindhyachal B/RC] VI Ager PMAL at Singmail (MT). Notifyicable B/RC]. VI Ager PMAL at Singmail (MT) vindhyachal B/RC].	1 400 VF Singenuil(VT) Hurdhynchal(HG) (HG) clc-1 20 HSV Vindhynchal(HG) Pilot-1 30 HSV Vindhynchal(HG) Hol-2 40 DO VVindhynchal-Horth/HG). Bis 2 54 400 EV Vindhynchal-Horth/HG). Bis 2 59 MVAR Bus, Reactor No 2 at 4000VVindhynchal(HG) 7) I25 MVAR Bus, Reactor No 3 at 4000VVindhynchal(HG) 7) I25 MVAR Bus, Reactor No 3 at 4000VVindhynchal(HG) 7) I25 MVAR Bus, Reactor No 3 at 4000VVindhynchal(HG)
6	GI-1	Jammu and Kashmir	10-Mar-2024 22:35	10-Mar-2024 23:15	00:40	115	0	0.337	0.000	34098	39965	I) Ouring estexelent continue only 155 MW (add 196): UNIT 1 was under running cocktion and it was generating approx. 115MW as per SABA. I) Data Printsheeping (add) (add 196): UNIT 1 was under running (cocktion and it was generating approx. 115MW and rSABA. C) Data Printsheeping (add) (add 196): UNIT 1 was under running (cocktion and it was generating approx. 115MW and rest of the dimension ware connected to 2200V lbs. 1 at Sala(196) and rest of the dimension ware connected to 2200V lbs. 1 at Sala(196) and rest of the dimension ware connected to 2200V lbs. 1 at Sala(196) and rest of the dimension ware connected to 2200V lbs. 1 at Sala(196) and rest of the dimension ware connected to 2200V lbs. 1 at Sala(196) field (add 196). A report 4.21 at Sala(196) field (add 196) field (add 196)	220 KV Kinkenpur(PG)-Saki(Ni) (PG) Ck-1 220 KV Kinkenpur(PG)-Saki(Ni) (PG) Ck-1 220 KV Kinkenpur(PG)-Saki(Ni) (PG) Ck-2 220 KV Ni: 1 x Saki(Ni) 220 KV Ni: 1 x Saki(Ni) 31 SMW Saki H/H- UNIT S
7	GD-1	Rajasthan	11-Mar-2024 05:08	11-Mar-2024 06:51	01:43	0	265	0.000	0.697	33592	38005	Jus regorded, at DCBUrs, Interrupter of CB Pole (BP-R) blacted at the time of opening of CB of 1250WJB hes Nachtz at Hindus(R) on voltage regulation. Justing risk same time, GBO V Hindus(R)(C) House) (CD CB V Hesepare Hindus(R) (CL 4, 600 / AUM/R), Hindus(R)(G) (LC, 440 / AUM/R), Hindus(R) (LC, 440 / AUM/R), Hindus(400/220 V/ 315 M/W (CT -3 at Hindson(Raj) 2400/220 V/ 315 M/W (CT -3 at Hindson(Raj) 3400/270 W/ Sindson(RS) (Chabra)(RV (M) (RS) Cat 2400/270 W/W (RS) (Chabra)(RV (M) (RS) (Cat 2400/270 W/W (RS) (ATL) (Cat 3400 W/ Alwa)(ATL)-Hindson(RS) (ATL) (Cat
8	GI-2	Uttar Pradesh	11-Mar-2024 01:56	11-Mar-2024 02:51	00:55	0	0	0.000	0.000	31852	34021	Inburge streademic condition, 400/22019 V 315 MM (CT 1.8 & and 756/4000 V 1000 MM (CT 1.4 & 3 at Unnanc(IP) were carrying 138MK (140MK) 558MM (551MM and 550Mm regesterber, 402 054 m, 1 M and 1 at Unnanc(IP) area on Is nevice. II) Are reported, at 01:56 m, 1 M appents or anth full incorrect at 400 VI Bereily-Unnan (JP) (CS 1.2 m) flault incord on 1 M and (JP) (CS 1.2 m) of 400 VI Bereily (JM and (JP)) (CS 1.4 m) for a dore in the link, hence it is Berperiated. III and 1 M and (JP) (CS 1.4 m) for a dore in the link, hence it is Berperiated. III and 1 M and (JP) (CS 1.4 m) for a dore in the link, hence it is Berperiated. III and 1 M and (JP) (CS 1.4 m) for a dore in the link, hence it is Berperiated. III and (JP) (SS 1.4 m) (SS 1.	1) 400 KV Barelly Unnao (UP) CK-2 2) 400 KV Agr-Limao (UP) CK 400 KV massel (UP) CK 4) 400 KV massel (UP) Hash Lardon Road (UP) (PG) CK-2 4) 400 KV 2015 KV 215 KV AVA (CT at Limao(UP) 7) 400 KV AVA (CT at Limao(UP) 7) 400 KV Bus 1 at Unnao(UP) 7) 400 KV Bus 1 at Unnao(UP)
9	GD-1	Jammu & Kashmir	13-Mar-2024 18:49	13-Mar-2024 21:18	02:29	260	0	0.575	0.000	45219	52806	Iquiring antercelent condition, 130MW Unit-2.8.1 at Dublas HP were numbing (prescripting spores, 130 MW as exh.) and tail generated power of 260MW was excluding through eQM Unit-busilet(H) echampolity(H) (GL = 1 ork, 130MW Unit=2 at UnitsH HP and QM UnitsH(H) ethermory(H) (F) (GL = 2 at UnitsH) (H) are optical, at 18-80m, 400 U UnitsH(H) (Alternaper(H) (F)) (F) (GL = 1 repeat on K + 8.4.9 has to earth final. A per DD, fault was sensed in zme-1 at Duhas(HP ide final fault currents ware in a family (GL = 1 ork, 130MW Unit-2 & 1 at Duhas(HP ide) and iII) Det to tripping of 4QU V Duhas(H)(H) (Alternaper(H) (GL = 1, 130MW Unit-2 & 1 at Duhas(HP ide) and iII) Det to tripping of 4QU V Duhas(H)(H) (GL = 1, 130MW Unit-2 & 1 at Duhas(HP ide) to tripped due to loss of evacuation path on over-speed protection operation. w/A per M(A) & Kohenpur (PG), R +8.4 a Splate at earth fault is observed with fault charing time of 80ms. A) per SGAA, generation fault of pages.	1) 400 K/ Duhast(NH) Kahenpur(PO) (PO) (K) 2) 330MK Unit-2 at Duhasti HEP 3) 330MK Unit-3 at Duhasti HEP
10	GI-2	Rajasthan	14-Mar-2024 12:55	14-Mar-2024 13:34	00:39	0	335	0.000	0.623	53031	53777	Upuning antendent condition, MM power-flow of 400/2019 V135 MM (CT 18 4 and 220/1324 V100M/A (CT 1, 2 & 3 at Metra(R5) were 275M/A, 351M/A, 651M/A, 65	11 400/220 W 315 MVA (CT 1 at Merta/KS) 21 400/220 W 315 MVA (CT 2 at Merta/KS) 21 400/220 W 315 MVA (CT 2 at Merta/KS) 41 2004 W Hera/KS) A (CT 2 at Merta/KS) 42 2004 W Hera/KS) A (CT 2 at Merta/KS) 40 2004 W 1000/W A (CT 2 at Merta/KS) 40 2001 320 W 1000/W A (CT 2 at Merta/KS) 40 2001 320 W 1000/W A (CT 2 at Merta/KS) 40 2001 320 W 1000/W A (CT 2 at Merta/KS) 40 2001 320 W 1000/W A (CT 2 at Merta/KS) 40 2001 320 W 1000/W A (CT 2 at Merta/KS) 40 2001 320 W 1000/W A (CT 2 at Merta/KS) 40 2001 320 W 1000/W A (CT 2 at Merta/KS)
11	GD-1	Uttar Pradesh	15-Mar-2024 02:49	15-Mar-2024 05:19	02:30	56	0	0.154	0.000	36385	39522	(Hover of 4*110MV Viohnuproyag HEP exocutes through 400 IV Alabiananda GVK (UPC). Viohnuproyag (UP) (UP) cts and 400 IV Alabianagar(UP) (UP) cts. During antecestent constituen, 120 MV Viohnuproyag (UP) (UP) 1.8 a verse under number georeating approx. 10MV and 400 MV and 400	11 400 KV Museffersager(UP) Vichnugrang(UP) (L9) CL5 21 400 KV Musefmeda GV(UPC) Vichnugrang(UP) (L9) CL5 21 L01 MVV Vichnugrang VPS - UNIT 1 41 L01 MVV Vichnugrang VPS - UNIT 3

						D	etails of	f Grid E	vents d	uring the	Month	of March 2024 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 gene load during	eration / loss of the Grid Event	% Loss of gener load w.r.t Ar Generation/L Regional Grid du Ever	ation / loss of tecedent oad in the ring the Grid t	Antecedent Genera Regional	tion/Load in the Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	(GI 1or GI 2/ GD-1 to GD-5)					Generation Loss(MW)	Load Loss (MW)	% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
12	GD-1	Rajasthan	18-Mar-2024 13:32	18-Mar-2024 15:53	02:21	850	0	1.608	0.000	52873	53887	(Rola power of 220/38V AREPRLIP) (L.e., 250MW-Aure 250MW) and Renew 50MW) executes through 220 KV Bhalla(KG) Bhalla Sole/Adam) (Adam) Ck 1 and 2 were carring approx. 11MW each. Intercodence condition, 220 KV Bhall(KG) Bhalla Sole/Adam) (Adam) Ck 1 and 2 were carring approx. 11MW each. Execution 220 KV Bhall(KG) Bhalla Sole/Adam) (Adam) Ck 1 and 2 were carring approx. 11MW each. Intercodence 200 KV Bhall(KG) Bhalla Sole/Adam) (Adam) Ck 2: Texped to a B hashes to each haut. Complete backout or Carried as 220/38V AREPRL(P), Majker th 1,28 Harva 200 KV Bhall(KG) Bhalla Sole/Adam) (Adam) Ck 2: Texped to a B hashes to each haut. Complete backout occurred at 220/38V AREPRL(P), Vila per HAU. 21 Bhall(FG), Bhalland Sole/Adam) (Adam) Ck 2: Texped to a B hashes to each haut. Complete backout occurred at 220/38V AREPRL(P), Vila per HAU. 21 Bhall(FG), Bhalland Sole/Adam) (Adam) Ck 2: Texped to a B hashes to each haut. Complete backout occurred at 220/38V AREPRL(P), Vila per HAU. 21 Bhall(FG), Bhalland Sole/Adam) (Adam) Ck 2: Texped to a B hashes to each haut. Complete backout occurred at 220/38V AREPRL(P), Vila per HAU. 21 Bhall(FG), Bhalland Sole/Adam) (Adam) Ck 2: Texped to a B hashes to each haut. Complete backout occurred at 220/38V AREPRL(P), Vila per HAU. Chaude (FG) and FG) and FG. Texped To a B hashes to each haut. Complete backout occurred at 220/38V AREPRL(P), Vila per HAU. Chaude (FG) and FG) and FG. Texped To a B hashes (FG) Adam) (FG) and FG)	1) 220 KV Bhadis/PG) Bhadis Solar(Adam) (Adam) (Kt.1 2) 220 KV Bhadis/PG) Bhadis Solar(Adam) (Adam) (Kt.2
13	GI-1	Jammu & Kashmir	18-Mar-2024 04:15	18-Mar-2024 06:15	02:00	0	225	0.000	0.560	33379	40178	(12/01/13/24 Varianties (4) have note board 12/08/14/e1 Let, main hous & resorve bas. InjUmry antexteed monthon, 2004 Amargan(MINORIGNO)—Janahuett(1) (POD XI) (12/4: Tripped on 8 % phase to earth fuelt from Zankteet and only, But as per DR at Amargah end, current R = An of Phase Incosed upd/or 308/and *1.43K resorter/bits. The spectral only and the spectral of the spectral only and the spectral of the spectral only and the spectral on	1) 220 KV Amargarh (INDIGRID)-Zankote(JK) (PDD JK) Cit-1 2) 220 KV Amargarh (INDIGRID)-Zankote(JK) (PDD JK) Cit-2
14	GD-1	Himachal Pradesh	19-Mar-2024 19:18	19-Mar-2024 21:26	02:08	0	380	0.000	0.693	45527	54798	(J22)GKU Uperkanage(JHP) 55 how double main bus showne at 2200V ineet. JD2/GKU Uperkanage(JHP) 55 how double main bus showne at 2200V ineet. JD2/GKU Uperkanage(JHP) Cluwed double main bus showne at 2200V ineet. JD2/GKU Uperkanage(JHP) Cluwed double main bus showned at 2200V Ineet. JD2/GKU Uperkanage(JHP) Cluwed double main bus showned double cluwed double main bus showned double d	1) 220 VV Nallagarh/PGI-Uperfanangal (HP) (HPSEB) Ck-1 2) 220 VV Nallagarh/PGI-Uperfanangal(HP) (HPSEB) Ck-2 3) 220 VV Nallagarh/PGI-VS-archinean (HPSEB) Ck- 2) 220 VV Uperfanangal(HP)-VS-archinean (HPSEB) Ck- 2) 220 (YGAV 80/100/WA ICT-2 at Uperfanangal(HP)
15	GI-2	Haryana	21-Mar-2024 18:19	21-Mar-2024 19:33	01:14	0	0	0.000	0.000	44363	50373	During stratedies confign. ISBN VINCE: Champa Branchabers was comprigeted 1480/MIV (Note 101990MIV, Note 02. 380/MIV, Note 02. 230/MIV,	1) 800 kV HVDC Kurulshetra(PG) Pole-02 2) 800 kV HVDC Kurulshetra(PG) Pole-04
16	GD-1	Haryana	23-Mar-2024 00:58	23-Mar-2024 02:45	01:47	0	170	0.000	0.404	35356	42057	(329/132/33W Hash(B) (5) has double main fairs scheme at 238W level. (B) reported, at 00:50m; huming of #p0:17 at 20/122W ISOMA (C:C) at Hisse(B) occured. III During the same time, all the leves and 220/23W (C:C) consected at 220W Hash(B) alor topped (Exact reason, nature and location of failt yet to be shared). IVDurb to topping of the elements connected to both the backs built 220W B (all as topped (Exact reason, nature and location of failt yet to be shared). IVDurb to topping of the elements connected to both the backs built 220W B (all at Real(B)) and rearrandy the complete 220(132/38W Hisse(B)) 5/h became dead. IVBs per FMU at Hisse(FG), two connective B / plane to earth failts with fault clearing time of 80ms and 360ms (delayed) are observed. IVBs per SADA, change in demand of approx. 170MW is observed in Haryana control area.	12020 V Hissen(Bit)-Hosen (AdV) (VMPR) (Ck-1 2220 V Hissen(Bit)-Rest (AdV) (VMPR) (Ck-2 2220 V Hissen(Bit)-Rest (BIB (Ck-1 2220 V Hissen(Bit)-Rest (BIB (Ck-1 Ck-2)) (VK-1) (
17	GI-2	Haryana	27-Mar-2024 15:04	27-Mar-2024 16:16	01:12	0	0	0.000	0.000	50774	50034	Inburing attractedent condition, IBOV HVICC Dampa NorubiAteri was carring total VIADAWN (aprore. VSAWN by each Hol.) Unity reported at 150-bits, BOV HVICC Cunterlevel (PG) Pale C2 and Pole 49 were blocked due to unavailability of Lane 1 and 2 caused by software issue at Champa end Ijfurber detail, yet to be received from PowerGrid). Illipol to tropping of two poles (Priel C2 and Pole 04), power order slightly reduced from 1460MW to 1400MW and shifted to the other two Poles. hyl be per KAM, software in the most as been wered. hyl be per KAM, software in Amapa end and area.	1) 800 kV HVDC Kurukshetra(PG) Pole-02 2) 800 kV HVDC Kurukshetra(PG) Pole-04
18	GD-1	Rajasthan	29-Mar-2024 17:22	29-Mar-2024 18:54	01:32	0	120	0.000	0.239	47653	50240	120/1120 Manusl(KI) Is the doubter and how showe at 2020 vide. In sprotest at 121 min. 400 V Keel (CMR) Shimked(Ke) (SMR) (LMR) (LM	1) 400 KV Chett (PCTSL) bihwad(PG) (PTSL) Ch. 2 2) 220 KV Bihwad(PG) Bihwad(PG) (RS (Ch. 2) 3) 230 KV Bihwad(PG) Bihwad(PG) (RS (Ch. 2) 2020/134V 400KV Ch. 24 Bihwad(PG) 6) 22021/32V 400KV Ch. 24 Bihwad(PG) 6) 22021/32V 400KV (Ch. 24 Bihwad(PG) 7) 220 KV Bihwad(PG) Kushkhera(PS) (RS) Ch.
19	GI-2	Haryana	29-Mar-2024 20:26	29-Mar-2024 21:02	00:36	0	0	0.000	0.000	43682	53455	Iburing structured en condition, BBW VHDC: Champa-Konsheltra was compleg trud 1400MM (Jinel 10, -125MW, Pelo E), 265MW, Pelo E). 565MW, Pelo E), 565WW, Pelo E	1) 800 KV HVDC Kurulshetra(PG) Pole-02 2) 800 KV HVDC Kurulshetra(PG) Pole-04
20	GD-1	Rajasthan	29-Mar-2024 20:22	29-Mar-2024 21:58	01:36	2020	308	5.726	0.965	43506	53019	Jake apported at 2022/brs. By Gr (1220 V side) of 220 V/323 V (CT-1 at Kots Sakstpura blat. As per PMU, B-M fault converted into 3-ph fault with delayed clearance of 200mmc is observed. If Bios terp protection is not available is Kots Sakstpura S (A) 4 time delay setting is kept at 100mmc. 22 dime delay setting of 2200V UTPS Sakstpura etc.) 23, 8 4 are kept at 600mmc. If Bios terp protection is not available at Kots Sakstpura S (A) 4 time delay setting is kept at 3 distance protection at the Sakstpura etc.) 23, 13, 4 4 are kept at 600mmc. If Bios terp protection is not available at Kots Sakstpura S (A) 4 Bios Sakstpura B (A) 4 distance protection at Kots Sakstpura etc.) 23, 13, 4 4 are kept at 600mmc. Distance 200 Mios Sakstpura S (A) 4 and 200 Mios Sakstpura B (A) 4 distance protection at Kots Sakstpura etc.) 23, 200 MIOS - 240 MIOS (A) 4 and 4 and 200 MIOS - 240	11110 MW Kets TFS Unit 1, 6, 2 21210 MW Kets TFS Unit 1, 6, 4, 5 31955 MW Kets TFS Unit 6, 6, 7 4220W KTS-Kets Statepure dt 1, 8 3120W KTS-Kets Statepure dt 1, 8 3120W KTS-Statepure AMPA dt 1120W Kets Statepure AMPA dt 11202W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 11202W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 11202W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 11202W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 11202W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 11202W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 1120W Kets Statepure AMPA dt 1120W Kets Statepure AM

						Ľ	Details o	of Grid E	vents	during the	e Mont	h of March 2024 in Western Region	र्गि 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 gen load during	eration / loss of the Grid Event	% Loss of gener load w.r.t Ar Generation/L Regional Grid dt Even	ation / loss of stecedent .oad in the sring the Grid st	Antecedent General Regional	tion/Load in the Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	(GI 1or GI 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	WR	00:07 / 04-03-2024	06:32 / 04-03-2024	06:25	162	-	0.27%	-	59749	52197	At 0037 Hrs/04.03 2024, 2024 Willing Gashtaisa line tripped on R-E Fault. On patrolling, it was found a foreign material (conductor) fiell on the line conductor at tower No.3/2. At the same time, 2000/ Bhuj-Baranda JC tripped on R-E fault from Baranda end only. Wind generation loss of 122 MW at Gashtais & 40 MW at Baranda reported.	1. 220kV Bhuj-Gadhsisa line 2. 220KV Bhuj-Baranda
2	GD-1	WR	23:04 / 04-03-2024	14:55 / 05-03-2024	15:51	-	-	-	-	65030	55459	Ai Informed by Pachora substation Pachora (GRInfra) had taken outage in 400 kV Bhogai-Pachora 1 for isolator alignment issue. For 400 kV Bhogai-Pachora 1 of isolator alignment issue. For 400 kV Bhogai-Pachora 1 of isolator alignment issue for 411 by at Pachora. If the earlier of the outage is a strategy of th	Tripping of following Elements: 1. 400/W Bhopal-Pachora Ck:2 2. 400/W Bhopal-Bhopal (MP) Ck:18.2 3. 765/400W /Ck:18.2 x at Bhopal BDTCL 4. 400/W Bus-1 & 2 x at Bhopal BDTCL
3	GD-1	WR	15:35 / 05-03-2024	16:24 / 05-03-2024	00:49	174	-	0.25%	-	70296	63144	At 15:35 Hird, 05:03.2024, 220 VV Reva Banatadesh – 2 tripped at Banatadesh end only due to matter trip relay operated at Banatadesh leading to black out of 220 VV Banatadesh aubatation. Since CA: L was taken out few seconds back for availing planned 5/D for power quality meter installation. Both the lines were in charged condition from Rewa end. Due to above incident solar generation loss of 124 MW reported at Banatadesh (Arinan).	1. 220kV Barsaitadesh Rewa - 2 2. 220kV/33KV Barsaitadesh ICT - 1 3. 220kV/33KV Barsaitadesh ICT - 2 4. 220kV/33KV Barsaitadesh ICT - 3
4	Near Miss	WR	10:31 / 11-03-2024	10:53 / 11-03-2024	00:22	-	752	-	1.07%	76933	70410	At 10:31 tor/ 11:01-2004, 400 W Pune-Lonkhand 1 tripped on 8 f fault due to sugarcane huming by former between location 00-61. Same time 400 W Pune-Chalan tripped due to majoration of Main. 2 ray at Chalan. 216 element operated and 8 plase tripped and remaining poles tripped after 1.5 seconds on pole discrepancy operation. On imperiority is second with Main 2 at Chalan of 400 W Pune-Chalan limen aboptante. The second son pole discrepancy operation. On imperiority is second with Main 2 at Chalan of 400 W Pune-Chalan limen aboptante. The second son pole discrepancy operation. On imperiority is second resonance of 200 W Pune-Chalan limen aboptante. The second son pole discrepancy operation Load Ison 712 MW excured due to the event (EdS MW load relief due to 115 operation in 220 W Chinchwad Vinz, 220132 W ICH at Alepheta, 220 W Pune-Use 0(C and 400 W Pune-Chalan Diving fording around 714 W load relief due to 15 operation in 220 W Chinchwad Vinz, 220123 W ICH at Alepheta, 220 W Pune-Use 0(C and 400 W Pune-Chalan Diving fording around 714 W load relief due to 15 operation in 220 W Chinchwad Vinz, 20132 W ICH at Alepheta, 220 W Pune-Use 0(C and 400 W Pune-Chalan Diving fording around 714 W load relief due to 15 operation in 220 W Chinchwad Vinz, 20132 W ICH at Alepheta, 220 W Pune-Use 0(C and 400 W Pune-Chalan Diving fording with load relief due to 15 operation in 220 W Chinchwad Vinz, 20132 W ICH at Alepheta, 220 W Pune-Use 0(C and 400 W Pune-Chalan Diving of 400 W Pune-Chalan).	Tripping of following Elements: 1.400 VV Pune-Lonikhand 1 2.400 VV Pune-Chalan
5	GI-2	WR	23:06 / 13-03-2024	01:13 / 14-03-2024	02:07	-	-	-		72885	61986	At 23:06 hrs / 13:08-2024, Y phase Bus 2 side current transformer of bus coupler at 400 kV Kansari caught fire resulting in Bus bar protection operation of 400 kV Kansari-Bus 1 and 400 kV Kansari-Bus 2 and tripping of all connected elements. With these tripping 400 kV side at Kansari became dead and 220 kV side was intact. No load loss occurred during the event.	Tripping of following Elements: 1. 400 VK-Banacha-Kansari 2. 400 VK Osnarako-Kansari 3. 400 VK Osnarako-Kansari 4. 400 VK Vansari-Rahrio 1.82 4. 400 VK Vansari-Rahrio 1.82 4. 400 VK Manari-VEHda 6. 400/200 VK Manari-VEHda 4. 400 VK Manari
6	GD-1	WR	00:48 / 18-03-2024	04:27 / 18-03-2024	03:39	922	-	1.36%	-	67727	56241	A 23.33 km /17.02 2004, Yok VM bug Bug Backstein 1 ingped on differential protection operation due to * phase C1 failure of Main bay of Bus Reactor resulting in tipping of 764 VM bug Bus 2.5 VM bug Bus	Topping of following Elements: A. Incodent-1 7. 76 KV Usryg-Bur2 2. 76 KV Usryg-Bur2 2. 76 KV Usryg-Bur2 2. 76 KV Usryg-Bur2 2. 76 KV Usryg-Forsa 2.8.4 3. 76 KV Usryg-Strangedon-1.8.2 3. 76 KV Usryg-Strange 2.4
7	GD-1	WR	08:53 / 19-03-2024	11:01 / 19-03-2024	02:08	10	-	0.01%	-	74812	64831	At 08:53 Her/19:03:2024, 220/33ke ICT 1 Srijan Wind RE Tripped due to LBB operation via feeder 4 resulting in loss of evacuation path and generation loss of 10 MW reported.	220/33kv ICT 1 at Srijan Wind RE
8	GD-1	WR	11:58 / 20-03-2024	12:57 / 20-03-2024	00:59	0.8	-	0.00%	-	73937	66129	At 11:58 Hrs/ 20.03 2004, 220 W Bhuj Kotda madh line tripped at Kotda madh end only due to faise DT signal received at Kota madh end. Generation loss of 0.8 MW reported.	220 kV Bhj Kotda madh line
9	GD-1	WR	05:51/22-03-2024	06:42 / 22-03-2024	00:51	118	-	0.15%	-	77179	69196	At 05.51 key 22.01.2024, 2284V indore SBES (Pritamnager) Ckt tripped on R-G fault from Pritamanger end only. Generation loss of 118 MW reported due to loss of evacuation path.	220 KV SBESS PRITAMNAGAR INDORE
10	GD-1	WR	01:28 / 25-03-2024	02:31 / 25-03-2024	01:03	130	-	0.20%	-	64274	57350	At 01.28 Hrs / 25 03-2004, 230 W-indexe-Pritamnagari/AWEMPIPJ; httpsped on R-E fault from Pritamiagar end due to Voltage Transformer faue failure at indexe end, auto redowr tracesaful at indexe end. Churge patrolling OPCW suppression chang at Tower 24/5 was found open. Generation loss of 130 MW at Pritamagari/AWEMPIPJ; https://doi.org/ att to tox of revoalition prits.	Tripping of following Elements: 1. 220 kV Indore-Pritamnagar(AWEMP1PL)
11	GD-1	WR	15:21 / 29-03-2024	15:55 / 29-03-2024	00:34	160	-	0.20%	-	79574	70554	At 15:21 Hrs / 29 03-2024, 400 KV JP Bina-Bina (RG) tripped on V-E fault and at same time 400 KV JP Bina-Bina (MP) tripped on B-E fault from Bina(MP) end only, auto recloser successful at JP Bina-end. Both the lines are in same tower. Heavy rain and thunderstorm were reported at the time of tripping. Generation loss of 100 MW occurred at JP Bina due to loss of evacuation path.	Tripping of following Elements: 1. 400 kV JP Bina-Bina (PG) 2. 400 kV JP Bina-Bina (MP) 3. JP Bina unit-2 (250 MW)
12	GD-1	WR	22:28 / 30-03-2024	23:50 / 30-03-2024	01:22	804	-	1.05%	-	76228	62984	At 22-28 Hs / 30 GB 2004, 400 kV Mahan Energen-Bilaspur 182 on R-E fault and R-Y phase to phase fault. No abnormality found during patrolling. Heavy rain and thunderstorm were reported at the time of tripping. Generation loss of 804 MW occurred at Mahan Energen Limited due to loss of execution path.	Tripping of following Elements: 1. 400 kV Mahan Energen-Bilaspur-1&2 2. Mahan Energen-Unit-1&2 (600 MW)
13	GD-1	WR	01:36 / 31-03-2024	02:13 / 31-03-2024	00:37	35	-	0.05%	-	73889	61724	At 01.36 Hrs / 31.03 a 2004, 220W Kotda math-Bhu tripped at Kotda math end only on DT necelpt. From PMU plots, it was observed that no fault was there in the system and the tripping was underinable, DT neceled at Kotda Math end without any protection operation at Bhuj end. Generation loss of 35 MW occurred at 220 kV Kotda math (Alfanar) WPP due to the loss of evacuation path.	Tripping of following Elements: 1. 220kV Kotda madh-Bhuj

							Detail	s of Grid	l Event	s during t	the Mo	nth of March 2024 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 (HH:MM)	Loss of gene load during	eration / loss of the Grid Event	% Loss of gener load w.r.t Ar Generation/L Regional Grid du Even	ration / loss of ntecedent load in the uring the Grid nt	Antecedent General Regional	tion/Load in the Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	(GI 1or GI 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	Karnataka	16-03-2024 13:28	16-03-2024 14:15	0:47	0	380	0.00%	0.60%	53982	62981	Complete outage of 2284V/684V Davanagere SS, 2204V/684V Hoxadrags SS, 2204V/684V Benkikere SS and Trigging of 2204V Bio-1 of 2204V/684V Hoxnall SS of KPTLL: During the antecodence conditions 2282W/684V Davanagere SS, 2204V/684V Hoxadrags SS, 2204V/684V Benkikere SS and 2284V Bio-1 of 2284V/684V Hoxnall SS or teXPLL: During the 2080V/2284V Cathur Davanagere 2.8 3 a due to the togic susce wherein 1-2 areas given trig without any structure and the togic susce and and the togic susce and and the togic susce and the togic s	1. 220kV Guttur Davanagere-1,2&3
2	GD-1	Karnataka	16-03-2024 15:39	16-03-2024 16:14	0:35	0	380	0.00%	0.60%	54025	63381	Complete outage of J20kV/66kV Davanagere SS, 220kV/66kV Hosadurga SS, 220kV/66kV Benkkere SS and Tripping of J20kV Bu-1 of J20kV/66kV Homali SS of KPTCL: During the antecedent conditions J20kV/66kV Davanagere SS, 220kV/66kV Hosadurga SS, 220kV/66kV Benkkere SS and 120kV Bu-1 of J20kV/66kV Homali SS ere berging analyh (eft tricping) d/dkV/210kV Gurtur SS trobugit J20kV Gurtur Davanagere J3, and I lines of which line- V and under Langere. The topping on davations is the form Davanagere LSB leading to the complete outage of J20kV/66kV Boanagere SS, 220kV/66kV Hosadurga SS, 220kV/66kV Hosad	1. 220kV Guttur-Davanagere-1,2&3
3	GD-1	Karnataka	19-03-2024 10:37	19-03-2024 11:15	00:38	0	186	0.00%	0.29%	53384	65093	Complete Dutage of J2084/116W Bagalkot SS and Dutage of 220W Bus-1 of 220W/116W Vajsunatti SS of RPTCL: As per the reports submitted, the triggering incident was Yebase Of Thishorer in J2084 Vagalkot Vajsunatti Line' at Bagalkot end. Subsequently due to which Rph CT hashorer was observed in J20W Bagalkot Vajsunatti Line: at Bagalkot end due to DC Stusse the full was not discussed at Vajamatti and GC J20W KagalVajsunatti S and T20W Bagalkot Vajamatti SJ and Edue Stusse Stusse Stusse Stusse Stusse Stusse Stusse Stusse Stusse Stusse Stusse Stusse Stusse Stusse Stuss	1. 220kV Vajramatti Bagalkot line-182 2. 220kV Vajramatti Mahlingpur line-1 3. 220kV Vajramatti Kadgi Line-1 4. 220kV Gadag Bagalkot Line-182
4	GD-1	Tamil Nadu	19-03-2024 11:27	19-03-2024 11:52	00:25	0	53	0.00%	0.08%	53293	64897	Complete Outage of 2304/V1104/ Kuraliud; TN of TANTRANSCO. As por the reports submitted, the triggering incident was an R-phase jumper failure between the Line switch to the breaker of 2304/ Karaliud; FX Garaliud; TN line 1 at Karaliud; TN SL Immediately, 2304/ BBB openated and all the lines concerted to be bus tripped every 2304/ Karaliud; Naci Line 1, 2304/ Karaliud; FN Gai Line 1 typiced on suppected delayed oversion of 85 dec, Subscepting, 11 at 1299n, 11304/Karaliud Valuthrui Line tripped on line test delayed oversion of 85 dec, Subscepting, 11 at 1299n, 11304/Karaliud Valuthrui Line tripped on line test delayed oversion of 85 dec, Subscepting, 11 at 1299n, 11304 Karaliud Valuthrui Line tripped on line test delayed oversion of 85 dec, Subscepting, 11 at 1299n, 11304/Karaliud; Subscepting, 11 at 1299n, 11304 Karaliud; TN Swhitch in turn led to complete outage of 2304/V1104/ Karaliud; SS.	1. 220KV Karaikudi, TN Karaikudi, PG Line-182 2. 230KV Karaikudi NT Kudy Inne 3. 220KV Karaikudi Karamur Line, 12, 384 4. 230KV/110kV Karaikudi Auto Transformer -1
5	GD-1	Karnataka	20-03-2024 10:30	20-03-2024 10:41	00:11	0	200	0.00%	0.31%	52871	64448	Complete outage of J20kV/66kV Dwanagere SS, 220kV/66kV Hosadurga SS, 220kV/66kV Benkkere SS and Tripping of 220kV Bus-1 of 220kV/66kV Homali SS of 87TCL - During the antecedent conditions J20kV/66kV Dwanagere SS, 220kV/66kV Hosadurga SS, 220kV/66kV Benkkere SS and 120kV Bus-1 of 220kV/66kV Homali SS ere berging and bly eft tricping dV20kV/20kV Guttur - Storupit J20kV Guttur Dwanagere J2. and I lines of which line - J was under forsed outage. The tripping notable is its trupping dV20kV/20kV Guttur - J20kV/66kV Hosadurge SS, 220kV/66kV Hosadurga SS, 220kV/66kV Hos	1. 220kV Guttur-Davanagere-1,2&3
6	GD-1	Karnataka	23-03-2024 11:42	23-03-2024 12:01	00:19	0	400	0.00%	0.62%	54238	64551	Complete outage of 220kV/66kV Downagere SS, 220kV/66kV Hoxadurga SS, 220kV/66kV Benkkere SS and Tripping of 220kV Bus-1 of 220kV/66kV Homali SS of 87TCL : During the antecodent conditions 220kV/66kV Downagere SS, 220kV/66kV Hoxadurga SS, 220kV/66kV Benkkere SS and 220kV Bus-1 of 220kV/66kV Homali SS ere berging radia/h get tripping d/20kV/20kV Guttur - Storupit 220kV Guttur Downagere JS. and Time of which The-1 was under forsice Outage. The togeting models is in the topping of 220kV/66kV Hoxadurga SS, 220kV/66kV H	1. 220kV Guttur-Davanagere-1,28.3
7	GD-1	Karnataka	29-03-2024 22:47	30-03-2024 01:43	02:56	0	140	0.00%	0.25%	45815	55625	Complete Outage of 220V/110W/13W Rakhur 5A. Si of 871(2.220V Upper Janak PN of TSGERCO: buring entendent conditions, 220W Upper Janak PN was being rakulah fed from 220V/130V/13W/13W Rakhur 5A. Si of per the report submitted, the triggering incident was fire in 130V/13W Transformer 64 of 220V/130V/13W Rakhur 24. Si of transformers triggering on high set and high accention and 20X Rakhur 12.8175 lines trigged from remote ends. This resulted in complete outage of 220W/130V/130V/130V/124V/130V/124V/130V/124V/130V/124V/130V/124V/124V/124V/124V/124V/124V/124V/124	1. 220KV Raichur, KA RTPS Line-18.2 2. 110kV/11kV Raichur_KA Transformer-4,58.6
8	GD-1	Karnataka	31-03-2024 16:12	31-03-2024 19:48	03:36	0	0	0.00%	0.00%	45515	59140	Complete Outage of 220kV Pulchenthala Generating station of ISGENCO. As per the reports submitted, the triggering incident is 8-M Suit in 220kV Pulchenthala Seethapuram line. During Auto R-ectoure dead time due to a problem in single phase tripping circuit of 220 kV Seethapuram line. LiBi operated causing all the 220kV lines connected to 220kV Bud of 220kV Pulchenthala Generating station.	1. 220KV Chiliskallu Pulichinthala 2. 220KV Pulichinthala Seethapuram
9	GD-1	Karnataka	31-03-2024 11:36	31-03-2024 18:59	07:23	0	0	0.00%	0.00%	45815	55625	Complete outage of 220kV Bettedsverekere LS of KPTQL: 220kV Bettedsverekere LIS is tapped from 220kV Shimoga Anthrasanahalli Line. The triggering incident was B-N fault in 220kV Shimoga Anthrasanahalli Line. Tripping of the line resulted in complete outage of 220kV Bettedsverekere LIS.	1. 220kV Shimoga Anthrasanahalii Line
10	GI-2	Tamil Nadu	07-03-2024 13:59	10-03-2024 11:03	21:02	0	0	0.00%	0.00%	50578	64916	Tripping of YGSV Bus section 3 at 76SV/4004 VKPS GG of TAXTRANCCO. As per the reports submitted, the triggering incident was maloperation of 88P in 76SkV Bus section 13 at 76SkV/4004 VKPS. Immediately, all the elements connected to the bus Vripped.	1. 765KV NCPS NCTPSSTG3-2
11	GI-2	Karnataka	12-03-2024 07:19	12-03-2024 11:09	03:50	0	0	0.00%	0.00%	45003	58825	Tripping of 400W Bun-1 of 400W/220W Guttur SS of KEYCL: As per the reports submitted, the triggering incident was R-N fault in 400W Guttur Bus-1. Immediately, BBP operated and all the elements connected to the Bus tripped.	1. 400kV Kaiga Guttur Line-18.2 2. 400kV Guttur Narendra Line-18.2 3. 400kV Guttur BTPS Line 4. 400kV Guttur BTPS Line 5. 400kV/J220kV Guttur ICT-1

	Details of Grid Events during the Month of March 2024 in Eastern Region														
SI No.	Category of Grid Event	Affected Area	Time and Date of	Time and Date of Restoration	Duration	Loss of generation / loss of load during the Grid Event		% Loss of gene load w.r.t A Generation/I Regional Grid d Eve	% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event		ation/Load in the Grid*	Brief details of the event (pre fault and post fault system conditions) Elements Tripped			
	(GI 1or GI 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	Begusarai	05.03.2024 11:56	05.03.2024 12:25	00:29	0	100	0.00%	0.51%	25304	19707	At 11:56 Hrs on 05:01.2024, Y.B., N fault occurred in 220 VV Beguarani-IOCL-1, which was kept life charged from Beguarani end. Distance protection operated at Beguarani bu the 220 VV Beguarani-Barauni D/c breaker didn't open. Since LBB and bus bur protection is not available at Beguarani, other feeders tripped in Zone-3 from remote ends and total power failure occurred at Beguarani 220 VV Beguarani-Sahana D/c Sy. Around 100 MW load loss reported at Beguarani.			
2	GD-1	Budhipadar	09.03.2024 14:07	09.03.2024 14:52	00:45	620	100	2.38%	0.50%	26093	19888	At 13-45 Hrs on 9th March 2024, 220 V/ Buchjastar-Lapaga-2 trigged due to 8 Earth fruit. Loading of Buchjastar-Lapaga-1 reached around 350 MW, which was hard-Higopa-1 220 W Buchjastar-Lapaga-1 12.00 W Included-Lapaga-1 220 W Buchjastar-Lapaga-1 220 W Buchjastar-Lapaga-1 220 W Buchjastar-Lapaga-1 220 W Buchjastar-Lapaga-1 220 W Buchjastar-Rapaga-1 220 W B			
3	GD-1	Garhwa	30.03.2024 22:27	30.03.2024 23:35	01:08	0	80	0.00%	0.31%	31097	26025	At 22-27 Hs on 30.03.2024, 220 W Dattongunj - Garhwa (New) D/C tripped due to single Phase to ground fault leading to total power failure at 220 W Garhwa \$/s with a load loss of around 50 MW. As per \$LDC. Jharkhand, the lines tripped due to inclement weather conditions in the area.			
4	GI-2	Barh	31.03.2024 04:41	31.03.2024 07:00	02:19	1251	0	4.28%	0.00%	29220	27969	At 04.41 Hrs on 31.03.2024, 400 W Bur-3 & Bur-4 at Barh tropped. At reported, Big-Ph CT of main of main bay of Barh-Patru-2 burst at Barh end and at that time 400 W Bur-3 & Bur-4 at Barh tropped including U44 & U45 (660 MW each). Total generation loss of around 1251 MW occurred.			
5	GD-1	Garhwa(New)	31.03.2024 07:29	31.03.2024 07:36	00:07	0	30	0.00%	0.15%	27709	19938	At 07-29 Hrs on 31.03.2004, 220 VV Dattonganj-Garhwa(New)-1 tripped due to B., N fault which led to total power failure at 220 VV Garhwa(New) 5/s at 220 VV Dattonganj-Garhwa (New)-2 was already under breakdown. Charging attempt of del: a like failed at 08.06 Hrs. Presently both lines are under breakdown condition. Only Taction load was managed (Drough 132 VV Garhwa-Japia 7/Lby 07-36 Hrs. Other loads have not been restored yet.			
6	GD-1	Bantala (KLC)	31.03.2024 21:49	31.03.2024 22:00	00:11	0	78	0.00%	0.30%	32052	25701	At 22-49 Hrs on 31.03.2024, Y-Ph CT of 220 IV. New Town AA3- Bantala burst at Bantala end leading to tripping of the said line. At the same time 220 IV Subhaugram-Bantala also 220 IV Subhaugram-Bantala also 220 IV Subhaugram-Bantala also 220 IV New Town AA3-Bantala tripped from Subhaugram end with Y-Ph fault leading to total power failure at 220 IV Bantala 5/, with a load loss of 78 MV.			

	Details of Grid Events during the Month of March 2024 in North Eastern Region												
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 gen load during	eration / loss of the Grid Event	% Loss of gener load w.r.t An Generation/L Regional Grid du Even	ration / loss of ntecedent .oad in the aring the Grid nt	Antecedent Gener: Regional	ation/Load in the l Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	(GI 1or GI 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	GD1	Sonabil, Ghoramari, Depota, Rowta, Dhekiajuli and Tangla areas of Assam Power system	04-03-2024 13:07	04-03-2024 13:33	00:26:00	0	38	0.00%	2.00%	1562	1904	Sound). Norst, Deputs, Diversani, Divelsigni and Tangla areas of Assam Power System were connected with rest of NER Grid through 2020 Hulgars-Assault Inne. 2020 W Sonab-Faligurs-L Inne, 1321 W Rangla-Tangla Line, 1324 W Rangla-Signiliar Line was under oudage prior to the vent. 131207 His of Octo 2020, 2020 W Balgars-Sonabil E Trigot-Du to tripingor d this devent. 595 at Sonabil Jorented Out 2001/2124 W ICT-I & II at Sonabil Torget-Du to Urgingar d this devent. 595 at Sonabil portated due to which. 2001/2124 W ICT-I & II at Sonabil Torget-Du to Urging d this devent. 595 at Sonabil portated due to a Magnetic monitorial to the vent. Assam Power System were isolated from URE Grid and Collogaste due to load generation minutch in the sens. Power supply was extended to Sonabil. Rowat. Depots, Diroramy, Direkiujuli and Tangla areas of Assam Power System by charging 20/12/13W 1008/MC (1 31 sonabil at 1231 er of 06.01.2020.	220 kV Balipara-Sonabil II, 220/132 kV 100 MVA KT+ & II at Sonabil
2	GD1	Churachandpur and Thanlon areas of Manipur Power system	05-03-2024 13:25	05-03-2024 13:34	00:09:00	0	8	0.00%	0.46%	1810	1730	Ourschindpur and Thanion areas of Manipur Power system were connected to the rest of the grid through 132 kV Ningthoukhong- Ourschindpur ID(Eine. 132 kV Ningthoukhong-Ourschindpur IIIne is under outage since 13.02.020 k 132 Sris of 05:002.02 k32 V totakt hinfthoukhong and 132 VI Ningthoukhong-Ourschindpur IIInes tripped. Due to tripping of these elements, Churachandpur and Thanion areas of Manipur power system got solated from rest of the grid due to no source available in these areas of the outage and the source of the source outage and the source of the grid due to no source Power supply was estended to Churachandpur, Thanion and Elangtangpolpi areas by charging 132 kV Ningthoukhong-Ourachandpur III net ± 13.34 in 05 05.0224.	132 kV Loktak-Ningthoukhong and 132 kV Ningthoukhong Churachandpur II lines
3	GD1	Pasighat area of Arunachal Pradesh Power system	07-03-2024 15:46	07-03-2024 17:26	01:40:00	0	5	0.00%	0.25%	1796	1973	Pasight are of Anunchal Praceh Power system was connected with the rest of the grid through 1212 V Along-Pasight & 1212 V Roing-Pasight are 1214 V Pales. A 1514 KH or Of 07.2020 K1 218 V Along P-Palestant 1212 V Palestant Palestant 1212 V Palestant Due to trypping of these lines, Pasight area of Anunchal Pradesh Power System was isolated from NER Grid and collapsed due to no source available in this zea. Power supply was setended to Pasight area of Anunchal Pradesh Power System by charging 1224 V Pasight - Roing line t17.25 Hrs of 07.23.2024.	132 kV Roing-Pasighat & 132 kV Along-Pasighat lines
4	GD1	NRPP & LRPP generation of Assam Power system	08-03-2024 14:56	08-03-2024 17:43	02:47:00	157	0	9.21%	0.00%	1705	1832	1997 Generating Station of Assam Power System was connected with rest of NER Grid through 2201V Tinuxia-MBPP and 220 IV NTP5- 1997 lines. A11456 hrs of 08.03.2034, 2020 V Tinuxia-MBPP and 2020 V NTP5-1987P lines tripped. Due to tripping of these lines, NBPP Generating Station was isolated from NR BP and a 02019 due to the day generation mismatch in the Marx. At the same time, PBP generating unside also tripped due to voltage int. Power supply was extended to 22040 NIRP5 Generating Station of Assam Power System by change 22040 Tinuxia-MRPP inte 11:73-81 hrs 06.03.1024.	220 kV Anguri-NTPS, 220 kV NTPS-NRPP, 220 kV NTPS-Tinsukia lines, NRPP Unit-I & II and IRPP Unit-1,2,3,4,5,6,7
5	GD1	Dharmanagar area of Tripura Power system	10-03-2024 10:24	10-03-2024 11:54	01:30:00	0	13	0.00%	0.71%	1855	1843	Dummaggar and all Topura Power System Is connected with the rest of the grid by 122 VID Dummaggar-Callanchers & 132 VID Dummaggar Am 2000 (inities, 132 VID Dummaggar A Built inte topular at 1038 lists of 1003 2004. At 102 Att is of 1.003.2024, 132 VID Dummaggar A Built inte topular at 1038 lists of 1003 2004. At 102 Att is of 1.003.2024, 132 VID Dummaggar A Built inte topular at 104 lists of 1000 2004. Topular Swers' State of 1000 Att and Call and C	132 kV Dharmanagar-Dullavchhera lines
6	GD1	Wokha area of Nagaland Power system	12-03-2024 10:30	12-03-2024 11:05	00:35:00	0	5	0.00%	0.25%	1758	2020	Wohan area of hagiland Poer System was connected with red of NIK Grid Hhrough 112 W Woha-Sania and 112 W Woha- Diophehotoxin United Strategies (2000) 112 W Wohan Sania and 112 W Woha-Senie and 112 W Woha-Senie Senie and 2000 Wohan Senie and 112 W Woha-Senie Senie and 112 W Woha-Senie Senie and 112 W Woha-Senie and 112 W	132 kV Wokha-Chiephebozou & 132 kV Wokha-Sanis lines
7	GD1	Sarusajai, Kahelipara, AIIMS, Kamakhya and Dispur areas of Assam Power system	16-03-2024 05:57	16-03-2024 06:33	00:36:00	0	115	0.00%	6.21%	1680	1853	Sarusajia, Kahelipara, AlMS, Kamakhya and Dopur areas of Assam Power System were conneted with rest of the NER grid through 2020 Sarusajia - Mara 1, 2200 Sarusajia - Jawahamagar, 2200 Yamajaio-Songura and 1320 Digour - Chandrapur lines. At 055 Thrs. 2200 Sarusajia - Mara 1, 2200 Sarusajia - Jawahamagar, 2200 Yamajaio-Songura and 1320 Digour - Chandrapur lines. At 055 Thrs. 2200 Sarusajia - Mara 1, 2200 Yamajaia - Marangar 2200 Yamajaio-Songura and 1320 Digour - Chandrapur lines trippet leading to blackout al 2020 Sarusajia - Data Yamagar and 1220 AlMS Syl, 1320 Yamahama Syn 240 Tara 134 Sarusajia - Migra from 055 Shiro d 16.03.2020 112120 Kamakhya - Sahagara and 1220 AlMS Amigan Inte sever in opered condition to avoid neurotading of 2020 Kanajai. Chan Jawa Barker Bord Spic Classam leading-and Spic 2020 Sarusajia Jawa 4.05 Zh Pis ty chu Yang Zhan Angara 4.05 Zh Pis ty chu Yang 2.020 Anadagar and 165 Zh Pis. Power estanded to AlMs and 055 Ji Pis. Kamahaya Line Angara Kamahaya line. Power fully restored to Sarusajia Area at 06:33 His. Power Extended to AlMs at 06:53 His.	220kV Sarusajai – Mirza II, 220kV Sarusajai Jawaharnagar, 220kV Sarusajai- Sonapur and 132kV Dispur –Chandrapur lines
8	GD1	Dharmanagar area of Tripura Power system and Dullavchhera area of Assam Power system	16-03-2024 15:54	16-03-2024 16:31	00:37:00	0	18 MW in Dharmanag ar & 13 MW in Dullavchher a	0.00%	1.33%	2000	2326	Burnmaggr anal 4T Topus howe System and Dullwarker's area of Assum Power System werk concerned with the sti ARK and Kold dhough 3124 / Dharmanger - K Iani Iere and 3124 / Dullwarkerez-Halakiandi Iere. Im, 1224 / Dharmangge-Dullex-there A 124V / Dullwarkerez-Halakiandi Iires tripped. Due to tripping of taste V Dullwarkerez relation of Tripus Power System and Dullex-there area of Assum power system were tokined from KR girl and collapsed due to no source available in these area. Power was extended to Dharmangar area of Tipus Power System by changing 1224 / Dharmangare - R buil ire at 16:314 ro of 16:03.2024. Power was fended to Dharmangar area of Tipus Power System by changing 1224 / Dharmangare - R buil ire at 16:314 ro of 16:03.2024. Power was reading to Dharmangare and Tipus Power System by changing 1234 / Dullarkertre-Halakiandi is 15:314 ro of 16:03.2024.	112 kV Dharmanager- PK bari line, 132 kV Dharmanagar Dullavchhera & 132 kV Dulavcherra-Hallakandi lines
9	GD1	Rangia, Kamalpur, Amingaon, Sishugram, Nalbari, Kamkhya and Natkuchi areas of Assam Power System	20-03-2024 05:33	20-03-2024 06:29	00:56:00	0	86	0.00%	5.11%	1700	1684	Rangia, Kamulyur, Amingaon, Sinhugram, Nalburi, Kamukhya and Natkuchi areas of Astam Power System were connected with rest of the RK Bright through 220X Rangia-, BTS DJC Lines. BTS JCC lines Topped Leading to SS Opcontion B Ranga SS SW which led to blackour of 220 W Rangia, Kamulyur, Amingeon, Sshutyaru, Nalburi, Kamakhya and Hatikuchi areas of Asam Power System. Nathar Kamakhya and Hatikuchi Areas of Asam Power System. and subsequently to Kamafur, Amingaon, Shutyaru, Kamahiya and Ratkuchi areas of Asam Power System by charging 2200V Rangia – BTS 2 line at 06:29 Hrs of 20:03.2024. 2204V Rangia – BTPS 1 line was charged at 06:36 Hrs.	220 KV BTPS-Rangea D/C
10	GD1	North Lakhimpur, Dhemaji, Silpathar and Majuli areas of Assam Power System	22-03-2024 12:31	22-03-2024 13:19	00:48:00	0	44	0.00%	2.15%	2292	2049	North Lahlinger, Dhemiji, Gjolarbu and Majija Anso A Kaam Pover System were connected with rest of MER Grid Hrough J121V North Lahlinger-Pare In, 132 VV Kosh Lahlinger-Nirjuilline, and 132 VV Kosh Lahlinger-Goper II im: 332 VV Kosh Lahlinger-Pare Ine, 132 VV North Lahlinger V River Store	132 W North Lakhimpur- Pare, 132 W North Lakhimpur Nirjuli, and 132 KV North Lakhimpur- Gohpur 1 lines

					Detail	s of Gi	rid Ever	nts durin	g the I	Month of	March	2024 in North Eastern 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 gen load during	Loss of generation / loss of load during the Grid Event		ation / loss of ntecedent .oad in the uring the Grid nt	Antecedent Genera Regional	ntion/Load in the Grid*	Brief details of the event (pre fault and post fault system conditions)	Elements Tripped
	(GI 1or GI 2/ GD-1 to GD-5)					Generation Loss(MW)	Load Loss (MW)	% Generation Loss (MW)	% Load Loss (MW)	Antecedent Generation (MW)	Antecedent Load (MW)		
11	GD1	Depota, Rowta, Dhekiajuli, Sipajhar and Tangla areas of Assam Power system	22-03-2024 05:03	22-03-2024 05:25	00:22:00	0	19	0.00%	1.45%	2124	1307	Depots, Rowts, Dhekisjul, Sphahlar and Tangla areas of Assam power system were connected to the rest of the grid through 122 kV Sanabi-Depots line & 122 kV Sanabi-Genota, 132 vD Depots-Rowts, 132 kV Depots-Rowts, 132 kV Depots-Desity and 121 kV Rowts 202 2020, 2020, 2020 kV Sanabi-Depots, 132 vD Depots-Rowts, 132 kV Depots-Rowts, 132 kV Depots-Desity and 121 kV Rowts Desity in the trypped. Due to trypping of these denemals, Depots, Rowts, Debuts, Mayaba and Engla areas of Assam power 202 VSapaba and Engli Cost were holder to 132 V Kapaba to the cost operation and 201 km and 05.51 km and 05.51 km respective). Power was extended to Depots and connected substations by charging 132 VV Sanabi-Depots line at 05.53 km si 05.22 0.32024.	112 kV Sonabi-Depota, 122 kV Depota-Ghoramari, 132 kV Depota-Rowta, 132 kV Depota-Dhekiajuli & 132 kV Rowta-Dhekiajuli Ines
12	GD1	Jirania area of Tripura Power system	23-03-2024 22:25	23-03-2024 22:47	00:22:00	0	14	0.00%	0.70%	2020	2014	Jirania area of Tripura Power System is connected with rest of NER Grid via 132V Badhjungagar – Jirania and 132V Barmura – Jirania Ines. At 22-25 Hrs of 23.03.2024, 132V Budhjungagr – Jirania line tripped and 132V Barmura – Jirania line was out airce 20.30 Hrs of 23-20 32V. Due to tripping of these lines, Jirania area of Tripura Power System was isolated from NER Grid and collapsed due to no source available in this area. Power Supph was extended to Jirania area of Tripura Power System by charging 132 kV Budhjungagar – Jirania line at 22-47 Hs of 23.03.2024.	132kV Budhjungnagar-Jirania and 132kV Baramura-Jirania lines
13	GD1	Rengpang area of Manipur Power system	23-03-2024 22:44	23-03-2024 23:53	01:09:00	0	2	0.00%	0.12%	2001	1642	Rengpang area of Manipur Fower System was connected with rest of NER Grid through 112 kV Rengpang - Loktak and 112 kV JP/bar/M(M-). Rengpang lines. 122 kV Jirbahr(MA). Rengpang line was under outage since 18:18 Hrs of 17-11-2023. At 22-244 Hrs 07 29-03-203, 122 kV LoktakRengpang and 122 kV Loktak. NengBhouAhong lines tripped: Due to tripping of these lines, Rengpang area of Manipur Power System got isolated from NER grid and Rengpang by charging 132 kV Loktak Rengpang at 22:53 Hrs of 23-03-2024.	132 KV Loktak-Rengpang & 132 KV Loktak-Ningthoukhong lines
14	GD1	Nangalbibra, Rongkhong, Ampati and Phulbari areas of Meghalaya Power system	26-03-2024 01:56	26-03-2024 02:28	00:32:00	0	14	0.00%	1.13%	2010	1235	Nangabbra, Ronghon, Amgati and Phulbai areas of Meghalaya Power System are connected with the rest of NER Grid through 132 kV Aley Nangabbra - Nongston in the tripped at 01.23 kV. Nangabbra- Nongston in the tripped at 01.23 kV. Al 01.55 kH of 1.65 cold. 312 kV kg. Nangabbra - Nangabbra - Nangabbra - Nangabbra - Nangabbra, Mangabbra, Nangabbra, Nangabbra, Mangabbra, Nangabbra, Nangabbra, Mangabbra, Nangabbra, Nangabbra, Nangabbra, Nangabbra, Nangabbra, Nangabbra, Nangabbra, Nangabbra, Mangabbra, Mangabbra, Nangabbra, Nangab	132 KV Agia-Nangalbibra & 132 KV Mendipathar-Nangalbibra lines
15	GD1	Lumshnong area of Meghalaya Power system	26-03-2024 00:32	26-03-2024 01:18	00:46:00	0	27	0.00%	2.04%	2049	1325	Lumbnong area of Meghalaya Rower System is connected with rest of NER Grid through 132 kV Lumbnong – Khilehviat and 132 kV Lumbnong-Panchgman Tines. 132 kV Lumbnong – Panchgman Line was under outage since 23.35 of 25.03.2024. Mol 23 kP of 24 cP 20.20, 132 kV Lumbnong – Subehrah Time Terripel. Due to tripping of this element, Lumbnong area of Meghalaya Power System was kolated from NER Grid and collapsed due to no source available in this area. Lumbnong – Khiehviat Line at 01.18 km.	122 KV Lumshnong-Khiehrist line
16	GD1	Hatsinigimari area of Assam Power system	31-03-2024 19:31	31-03-2024 21:55	02:24:00	0	2	0.00%	0.20%	221	989	Hatsingmari area of Assam Power System was connected with rest of NER Grid through 132 kV Agia - Hatsingmari line. 132 kV Ampati- Hatsingmari I/C line are under construction. At 19 31 kts of 31-03-2024, 132 kV Agia - Hatsingmari line. 132 kV Ampati- Atl 93 line tripped. Due to tripping of this element, leading to blackout of Hatsingmari area of Assam Power System due to no source available mismatch in this area. Power supply was extended to Hatsingmari area of Assam Power System by changing 132 kV Agia - Hatsingmari line at 21.55 Hs of 31.03.2024	122 kV Agis-Hatsingimari Line
17	GD1	Tezu and Namsai areas of Arunachal Pradesh Power system	31-03-2024 23:59	Not yet restored		0	0.3	0.00%	0.02%	2143	1236	Tezu and Namai areas of Arunachal Padesh Power System vos connected with rest of RR Grid via 132 VI Koing – Tezu line. At 235 9 Hs of 31.03.2024, 132 VV Roing – Tezu line tripped due to tower collapse in loc. no. 72 leading to blackout of Tezu and Namai areas of Arunachal Padesh Power System. Power is yet to be extended to Tezu and Namai areas of Arunachal Padesh.	132 kV Roing-Teru line
18	GD1	Monarchak, Rabindranagar and Udaipur areas of Tripura Power system	31-03-2024 07:36	31-03-2024 08:54	01:18:00	110	2	5.64%	0.10%	1950	1963	Monarchik, Nahindrangar, and Ulaipur area of Tripura Nover Spitem are connected with read of NRG rolf through 121 VV Monarchik Ulaipur and 131 VV Palatan-Valadpur less. 121 V Palatan – Lidipur less and under orateg since 07-32 hs of 31-03-2024. A 07-36 ks of 31-03-2024. 122 V Monarchik-Ulaipur less 120 Palatan – Lidipur less of Tripura Power 5ystem vere isolated from NRS Grit of this element, Monarchik Grenzing tasking Rabidon angar, and Ulaipur areas of Tripura Power System by charging 132 kV Palatana – Udapur line at 08-54 kts of 31-03-2024.	122 kV Monarchak-Udaipur line, Monarchak GT & ST, Rokhia Unit-7 & 8
19	GD1	Rokhia generating station of Tripura Power system	31-03-2024 09:29	31-03-2024 10:09	00:40:00	0	0	0.00%	0.00%	1760	1927	Rohhla Generating Station of Tripura Power System is connected with rest of NER Grid through 132 kV Rohbia-Agartala D/C and 132 kV Monarcha-Rohhla Inex. 132 kV Rohla-Agartala 2 Ine was under outage since 73-6 ks 132 kV Monarcha-Rohhla Ine was under outage since 73-6 ks of 31-03. 2024. XI 09-25 ks of 31-03 2024. 2024 V Rohla-Agartala I Ine tripped leading to blackout of Rohha Generating Station of Tripura Power System. Power was excluded to Rohha Generating Station of Tripura Power System by charging 132 kV Rohla- Agartala I Ine #10.09 His of 31-03-2024.	132 kV Rohhis-Agartala I line
20	GD1	Serchhip area of Mizoram Power system	31-03-2024 09:18	31-03-2024 10:14	00:56:00	0	8	0.00%	0.44%	1917	1806	Serchig area of Mizoram Power System was connected with rest of NER Grid through 132 kV Zuangtui-Serchig Ine. 132 kV Lunglei- Serchig Ine is kept open due to system requirement. At 09:18 krs of 31:03- 2024, 132 kV Zuangtui-Serchig Ine tripped: Due to tripping of this element led to blackout of Serchig area of Mizoram Power System where no source available in this area. Power was extended to Serchig area of Mizoram Power System Power System by charging 132 kV Zuangtui-Serchig Ine at 10:14 krs.	132 KV Zuangtui-Serchlip line