

उपक्षे का तिमाही सिस्टम स्टेटस रिपोर्ट / Quarterly Report of North Eastern Region

अवधि के लिए / for the period w.e.f Oct '24 to Dec '24
पर जारी / Issued on : 17-Jan-2025

1. पावर अंश की गुणवत्ता (वोल्टेज और आवृत्ति प्रोफाइल) / Quality of Power (Voltage and Frequency Profile) excerpt

1.1 वोल्टेज प्रोफाइल पीयू में / Voltage Profile in pu

Month	AZARA - 400KV					BALIPARA - 400KV					BgTPP - 400KV					BISWANATH CHARIALI - 400KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	411.46	1.029	399.00	0.998	0.00	412.13	1.030	394.54	0.986	0.00	416.00	1.040	396.00	0.990	0.00	416.65	1.042	398.00	0.995	0.00
Nov '24	413.85	1.035	400.00	1.000	0.00	416.21	1.041	392.00	0.980	0.00	419.01	1.048	396.00	0.990	0.00	416.93	1.042	394.00	0.985	0.00
Dec '24	413.00	1.033	391.00	0.978	0.00	417.00	1.043	395.00	0.988	0.00	419.01	1.048	396.00	0.990	0.00	419.00	1.048	395.00	0.988	0.00

Month	BONGAIGADN - 400KV					BYRNIHAT (KILLING) - 400KV					IMPHAL(PG) - 400KV					Kameng - 400KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	413.77	1.034	397.00	0.993	0.00	420.09	1.050	399.00	0.998	0.00	418.00	1.045	393.89	0.985	0.00	414.00	1.035	393.00	0.983	0.00
Nov '24	415.87	1.040	395.00	0.988	0.00	420.70	1.052	398.00	0.995	0.00	418.00	1.045	395.00	0.988	0.00	416.00	1.040	394.00	0.985	0.00
Dec '24	417.00	1.043	397.00	0.993	0.00	419.00	1.048	401.00	1.003	0.00	418.00	1.045	395.00	0.988	0.00	416.00	1.040	395.00	0.988	0.00

Month	MARIANI (PG) - 400KV					MISA - 400KV					NEW KOHIMA - 400KV					PALATANA - 400KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	415.75	1.039	395.00	0.988	0.00	413.00	1.033	395.00	0.988	0.00	417.78	1.043	391.45	0.979	0.00	411.80	1.030	399.00	0.998	0.00
Nov '24	415.50	1.039	396.00	0.990	0.00	416.15	1.040	393.00	0.983	0.00	417.47	1.043	394.00	0.985	0.00	416.38	1.041	399.00	0.998	0.00
Dec '24	417.00	1.043	395.00	0.988	0.00	415.00	1.038	395.00	0.988	0.00	417.58	1.043	395.00	0.988	0.00	416.00	1.040	400.00	1.000	0.00

Month	PK BARI (STERLITE) - 400KV					RANGANADI - 400KV					SILCHAR - 400KV					Surajmaninagar (Sterlite) - 400KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	414.00	1.035	394.99	0.987	0.00	415.00	1.038	395.50	0.989	0.00	416.68	1.043	399.00	0.998	0.00	413.00	1.033	393.70	0.984	0.00
Nov '24	416.78	1.042	393.00	0.983	0.00	419.32	1.048	394.00	0.985	0.00	416.98	1.043	399.00	0.998	0.00	416.00	1.040	394.00	0.985	0.00
Dec '24	417.00	1.043	395.00	0.988	0.00	419.00	1.048	395.00	0.988	0.00	418.00	1.045	398.00	0.995	0.00	415.38	1.038	395.00	0.988	0.00

Month	AGBPP - 220KV					AGIA - 220KV					AZARA - 220KV					BALIPARA - 220KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	232.00	1.055	218.00	0.991	0.00	231.69	1.053	219.33	0.997	0.00	234.00	1.064	218.00	0.991	0.00	231.00	1.050	219.00	0.995	0.00
Nov '24	234.00	1.064	216.00	0.982	0.00	233.00	1.059	218.00	0.991	0.00	232.00	1.055	218.00	0.991	0.00	231.43	1.052	217.21	0.987	0.00
Dec '24	233.00	1.059	215.00	0.977	0.00	233.21	1.060	215.00	0.977	0.00	235.00	1.068	214.00	0.973	0.00	234.00	1.064	217.00	0.986	0.00

Month	BOKO - 220KV					BONGAIGAN - 220KV					BTPS - 220KV					BYRNIHAT (KILLING) - 220KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	232.27	1.056	218.00	0.991	0.00	231.00	1.050	218.00	0.991	0.00	232.00	1.055	220.01	1.000	0.00	231.59	1.053	217.00	0.986	0.00
Nov '24	232.00	1.055	217.00	0.986	0.00	233.03	1.059	217.00	0.986	0.00	233.00	1.059	218.00	0.991	0.00	231.88	1.054	217.00	0.986	0.00
Dec '24	232.60	1.057	214.00	0.973	0.00	232.00	1.055	218.00	0.991	0.00	234.00	1.064	217.00	0.986	0.00	233.00	1.059	216.00	0.982	0.00

Month	DEOMALI - 220KV					DIMAPUR (PG) - 220KV					JAWAHARNAGAR - 220KV					KOPILI - 220KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	232.00	1.055	217.00	0.986	0.00	229.31	1.042	217.00	0.986	0.00	232.00	1.055	217.00	0.986	0.00	231.00	1.050	217.75	0.990	0.00
Nov '24	233.00	1.059	218.00	0.991	0.00	230.00	1.045	213.00	0.968	0.00	233.00	1.059	216.00	0.982	0.00	229.00	1.041	213.98	0.973	0.00
Dec '24	234.00	1.064	217.00	0.986	0.00	234.00	1.064	216.99	0.986	0.00	234.00	1.064	216.00	0.982	0.00	239.00	1.086	216.00	0.982	0.00

Month	LANGPI - 220KV					MARIANI (AS) - 220KV					MARIANI (PG) - 220KV					MISA - 220KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	236.00	1.073	218.00	0.991	0.00	235.00	1.068	218.00	0.991	0.00	230.61	1.048	217.00	0.986	0.00	229.64	1.044	219.57	0.998	0.00
Nov '24	233.00	1.059	215.00	0.977	0.00	231.00	1.050	218.00	0.991	0.00	230.62	1.048	218.00	0.991	0.00	230.04	1.046	214.00	0.973	0.00
Dec '24	233.00	1.059	214.00	0.973	0.00	232.00	1.055	217.00	0.986	0.00	238.00	1.082	218.00	0.991	0.00	234.00	1.064	217.00	0.986	0.00

Month	MOKOKCHUNG - 220KV					NTPS - 220KV					RANGIA - 220KV					SALAKATI - 220KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	231.00	1.050	217.00	0.986	0.00	234.00	1.064	219.00	0.995	0.00	233.00	1.059	217.00	0.986	0.00	232.26	1.056	219.00	0.995	0.00
Nov '24	230.00	1.045	217.00	0.986	0.00	238.00	1.082	217.00	0.986	0.00	233.00	1.059	210.00	0.955	0.00	232.29	1.056	216.00	0.982	0.00
Dec '24	238.00	1.082	218.00	0.991	0.00	238.00	1.082	219.00	0.995	0.00	234.00	1.064	210.00	0.955	0.00	232.29	1.056	217.00	0.986	0.00

Month	SAMAGURI - 220KV					SARUSAJAI - 220KV					SONABIL - 220KV					SONAPUR - 220KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	229.00	1.041	217.38	0.988	0.00	234.00	1.064	217.00	0.986	0.00	229.00	1.041	218.00	0.991	0.00	231.00	1.050	218.00	0.991	0.00
Nov '24	230.00	1.045	216.00	0.982	0.00	233.00	1.059	218.00	0.991	0.00	230.00	1.045	216.00	0.982	0.00	231.00	1.050	214.00	0.973	0.00
Dec '24	234.00	1.064	216.00	0.982	0.00	233.00	1.059	218.00	0.991	0.00	234.00	1.064	216.00	0.982	0.00	233.00	1.059	216.00	0.982	0.00

Month	TINSUKIA - 220KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	234.00	1.064	218.00	0.991	0.00
Nov '24	234.00	1.064	218.00	0.991	0.00
Dec '24	236.07	1.073	215.47	0.979	0.00

Month	AIZWAL - 132KV					IMPHAL(PG) - 132KV					KAHILIPARA - 132KV					NIRJULI - 132KV				
	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI	Maximum (kV)	Maximum (PU)	Minimum (kV)	Minimum (PU)	VDI
Oct '24	137.00	1.038	128.00	0.970	0.00	135.00	1.023	128.00	0.970	0.00	140.00	1.061	126.00	0.955	0.00	135.99	1.030	128.00	0.970	0.00
Nov '24	138.00	1.045	124.00	0.939	0.00	136.00	1.030	124.00	0.939	0.00	137.68	1.043	124.00	0.939	0.00	137.00	1.038	126.00	0.955	0.00
Dec '24	138.00	1.045	127.00	0.962	0.00	135.00	1.023	124.00	0.939	0.00	138.00	1.045	125.00	0.947	0.00	137.00	1.038	125.00	0.947	0.00

1.2 आवृत्ति प्रोफाइल % में (विभिन्न सीमाओं में अवधि) / Frequency Profile (in %) (Duration in

Month	< 49.9	49.9- 50.05	> 50.05	% of time Frequency outside IEGC band
Oct '24	4.29	79.78	15.93	20.68
Nov '24	5.15	78.79	16.06	21.48
Dec '24	5.47	76.80	17.72	23.12

2. बिजली आपूर्ति की स्थिति / Power Supply Position

2.1. Peak Demand Met and Unrestricted Demand

Month	State / UT	Peak Requirement (MW)	Peak Demand Met (MW)	Shortage(MW)	Shortage(%)
Oct '24	Arunachal Pradesh	170.00	170.00	0.00	0.00
	Assam	2,262.00	2,262.00	0.00	0.00
	Manipur	226.00	226.00	0.00	0.00
	Meghalaya	354.00	354.00	0.00	0.00
	Mizoram	136.00	136.00	0.00	0.00
	Nagaland	176.00	176.00	0.00	0.00
	Tripura (excluding Bangladesh)	333.00	333.00	0.00	0.00
	Tripura (including Bangladesh)	406.00	406.00	0.00	0.00
	NER (excluding Bangladesh)	3,482.00	3,482.00	0.00	0.00
	NER (including Bangladesh)	3,532.00	3,532.00	0.00	0.00

Nov '24	Arunachal Pradesh	167.00	167.00	0.00	0.00
	Assam	1,853.00	1,823.00	30.00	0.02
	Manipur	233.00	233.00	0.00	0.00
	Meghalaya	368.00	368.00	0.00	0.00
	Mizoram	145.00	145.00	0.00	0.00
	Nagaland	178.00	178.00	0.00	0.00
	Tripura (excluding Bangladesh)	310.00	310.00	0.00	0.00
	Tripura (including Bangladesh)	381.00	381.00	0.00	0.00
	NER (excluding Bangladesh)	3,151.00	3,151.00	0.00	0.00
	NER (including Bangladesh)	3,229.00	3,229.00	0.00	0.00

Dec '24	Arunachal Pradesh	167.00	167.00	0.00	0.00
	Assam	1,543.00	1,523.00	20.00	1.30
	Manipur	269.00	269.00	0.00	0.00
	Meghalaya	378.00	378.00	0.00	0.00
	Mizoram	162.00	162.00	0.00	0.00
	Nagaland	173.00	173.00	0.00	0.00
	Tripura (excluding Bangladesh)	239.00	239.00	0.00	0.00
	Tripura (including Bangladesh)	303.00	303.00	0.00	0.00
	NER (excluding Bangladesh)	2,912.00	2,912.00	0.00	0.56
	NER (including Bangladesh)	2,956.00	2,956.00	0.00	0.55

2.2 . Energy Availability and Requirement

Month	State / UT	Requirement(MU)	Energy Met (MU)	Shortage(MU)	Shortage(%)
Oct '24	ARUNACHAL PRADESH	85.78	85.78	0.00	0.000%
	ASSAM	1,071.68	1,071.68	0.00	0.000%
	MANIPUR	80.69	80.69	0.00	0.000%
	MEGHALAYA	154.88	154.88	0.00	0.000%
	MIZORAM	56.53	56.53	0.00	0.000%
	NAGALAND	77.28	77.28	0.00	0.000%
	TRIPURA(EXCLUDING BANGLADESH)	170.98	170.98	0.00	0.000%
	TRIPURA(INCLUDING BANGLADESH)	220.04	220.04	0.00	0.000%
	REGION(INCLUDING BANGLADESH)	1,697.82	1,697.82	0.00	0.000%
	REGION(EXCLUDING BANGLADESH)	1,746.88	1,746.88	0.00	0.000%
Nov '24	ARUNACHAL PRADESH	78.38	78.38	0.00	0.000%
	ASSAM	886.34	886.16	0.18	0.020%
	MANIPUR	78.97	78.97	0.00	0.000%
	MEGHALAYA	185.39	185.39	0.00	0.000%
	MIZORAM	56.29	56.29	0.00	0.000%
	NAGALAND	72.15	72.15	0.00	0.000%
	TRIPURA(EXCLUDING BANGLADESH)	131.91	131.91	0.00	0.000%
	TRIPURA(INCLUDING BANGLADESH)	170.61	170.61	0.00	0.000%
	REGION(INCLUDING BANGLADESH)	1,489.43	1,489.25	0.00	0.000%
	REGION(EXCLUDING BANGLADESH)	1,528.13	1,527.95	0.00	0.000%
Dec '24	ARUNACHAL PRADESH	87.77	87.77	0.00	0.000%
	ASSAM	824.49	824.49	0.00	0.000%
	MANIPUR	112.30	112.30	0.00	0.000%
	MEGHALAYA	200.90	200.90	0.00	0.000%
	MIZORAM	68.85	68.85	0.00	0.000%
	NAGALAND	78.65	78.65	0.00	0.000%
	TRIPURA(EXCLUDING BANGLADESH)	160.33	160.33	0.00	0.000%
	TRIPURA(INCLUDING BANGLADESH)	194.81	194.81	0.00	0.000%
	REGION(INCLUDING BANGLADESH)	1,533.29	1,533.29	0.00	0.000%
	REGION(EXCLUDING BANGLADESH)	1,567.77	1,567.77	0.00	0.000%

3. SCHEDULE Vs ACTUAL DRAWAL BY STATES

Month	State / UT	Schedule(MU)	Drawal (MU)	OD (+) / UD (-)
Oct '24	ARUNACHAL PRADESH	72.76	72.70	-0.06
	ASSAM	830.46	852.02	21.56
	MANIPUR	92.43	80.69	-11.74
	MEGHALAYA	72.22	65.24	-6.98
	MIZORAM	22.05	8.92	-13.13
	NAGALAND	71.52	63.78	-7.74
	TRIPURA	181.15	180.40	-0.75
	Region	1,342.59	1,323.75	-18.84
Nov '24	ARUNACHAL PRADESH	74.39	71.73	-2.66
	ASSAM	661.69	677.98	16.29
	MANIPUR	84.41	78.97	-5.44
	MEGHALAYA	151.92	147.75	-4.17
	MIZORAM	47.50	37.93	-9.57
	NAGALAND	67.80	65.58	-2.22
	TRIPURA	157.35	159.59	2.24
	Region	1,245.06	1,239.53	-5.53
Dec '24	ARUNACHAL PRADESH	85.92	82.82	-3.10
	ASSAM	607.08	615.15	8.07
	MANIPUR	115.01	112.30	-2.71
	MEGHALAYA	177.06	172.58	-4.48
	MIZORAM	54.71	51.03	-3.68
	NAGALAND	76.53	75.20	-1.33
	TRIPURA	117.40	118.21	0.81
	Region	1,233.71	1,227.29	-6.42

4. जलाशय स्तर व ऊर्जा सामग्री विवरण / Water Level & Energy Content details

Reservoir	As on 31-Dec '23		As on 31-Dec '24	
	Water Level	MU Content	Water Level	MU Content
Doyang	313.90	12.00	315.50	14.00
Gumti	91.40	21.00	91.60	22.00
Kameng	768.8	7.40	768.55	4.74
Khandong	716.85	20.00	721.00	30.00
Kopili	607.40	84.00	607.65	85.00
Loktak	767.04	32.00	767.98	130.00
Pare	242.55	-	242.87	0.08
Ranganadi	565.27	-	566.54	0.26
Umium	978.87	41.00	980.78	48.00

5. INTER-REGIONAL EXCHANGE (PHYSICAL) IN MU

Month	220KV-SALAKATI-ALIPURDUAR-DC		400KV-BONGAIGAON-ALIPURDUAR-DC		400KV-BONGAIGAON-NEW SILIGURI-DC		HVDC800KV-BISWANATH CHARIALI-AGRA	
	Import	Export	Import	Export	Import	Export	Import	Export
Oct '24	31.20	0.00	152.75	8.11	99.92	13.18	0.00	564.83
Nov '24	43.2	0.00	294.22	0.00	224.71	0.00	0.00	556.90
Dec '24	2.50	36.77	18.97	183.69	16.08	85.26	431.00	32.07

Month	ER		NR	
	Import	Export	Import	Export
Oct '24	283.79	22.49	0.00	564.83
Nov '24	562.14	0.00	0.00	556.90
Dec '24	37.53	305.72	430.99	32.07

Inter-Country Exchanges during the quarter

Month	11 KV-MOREH-TAMU-1		132KV-RANGIA-DEOTHANG		132KV-SALAKATI-GELEPHU		132KV-SURAJMANI NAGAR-COMILLA(BANGLADESH)-D/C	
	Import	Export	Import	Export	Import	Export	Import	Export
Oct '24	0.00	0.85	11.49	0.00	28.00	0.00	0.00	49.06
Nov '24	0.00	0.71	12.84	0.06	5.30	0.12	0.00	38.67
Dec '24	0.00	0.72	1.06	1.48	0.50	13.39	0.00	34.48

Month	BANGLADESH		BHUTAN		MYANMAR	
	Import	Export	Import	Export	Import	Export
Oct '24	0.00	49.06	39.50	0.00	0.00	0.85
Nov '24	0.00	38.67	18.16	0.18	0.00	0.71
Dec '24	0.00	34.48	1.57	14.87	0.00	0.72

6. एनईआर प्रणाली में ग्रीड घटनाएं Grid Incidents in NER system

A. Grid Disturbance

Sl No.	Category of Grid Event	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event	
	GD-1 to GD-5 and Nearmiss					Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)
1	GD 1	Pailapool area of Assam Power System	02-10-2024 13:21	02-10-2024 13:44	00:23:00	26	31	1.15%	1.24%
2	GD 1	Karong area of Manipur Power System	04-10-2024 02:32	04-10-2024 03:16	00:44:00	0	7	0.00%	0.39%
3	GD 1	Karong area of Manipur Power System	13-10-2024 23:37	14-10-2024 00:07	00:30:00	0	7	0.00%	0.37%
4	GD 1	Basar, Along and Pasighat areas of Arunachal Pradesh Power System	17-10-2024 14:44	17-10-2024 15:23	00:39:00	0	8	0.00%	0.34%
5	GD 1	Rengpang area of Manipur Power System	19-10-2024 10:28	19-10-2024 10:56	00:28:00	0	1	0.00%	0.05%
6	GD 1	Dibrugarh area of Assam Power System	28-10-2024 09:05	28-10-2024 09:41	00:36:00	0	20	0.00%	0.94%

7	GD I	Imphal(Yurembam) area of Manipur Power System	28-10-2024 13:30	28-10-2024 15:08	01:38:00	0	50	0.00%	2.24%
8	GD I	Rengpang area of Manipur Power System	29-10-2024 22:26	29-10-2024 23:27	01:01:00	0	1	0.00%	0.04%
9	GD I	Lumshnong area of Meghalaya Power System	04-11-2024 12:50	04-11-2024 13:21	00:31:00	0	25	0.00%	1.15%
10	GD I	Lumshnong area of Meghalaya Power System	15-11-2024 22:13	15-11-2024 23:14	01:01:00	0	43	0.00%	2.05%
11	GD I	Pasighat area of Arunachal Pradesh Power System	16-11-2024 06:13	16-11-2024 07:03	00:50:00	0	8	0.00%	0.40%
13	GD I	Monarchak and Rokhia S/S of Tripura Power System	06-12-2024 13:06	06-12-2024 14:05	00:59:00	17	8	1.10%	0.40%
14	GD I	Along and Pasighat areas of Arunachal Pradesh Power System	08-12-2024 03:46	08-12-2024 05:12	01:26:00	0	2	0.00%	0.14%
15	GD I	Pavoi area of Assam Power System	16-12-2024 15:43	16-12-2024 16:23	00:40:00	0	11	0.00%	0.53%
16	GD I	Sonabil, Ghoramari, Depota, Dhekiajuli and Rowta areas of Assam Power System	20-12-2024 15:04	20-12-2024 15:24	00:20:00	0	57	0.00%	2.79%

B. Grid Incidence

Sl No.	Category of Grid Event	Affected Area	Time and Date of occurrence of Grid Event	Time and Date of Restoration	Duration	Loss of generation / loss of load during the Grid Event		% Loss of generation / loss of load w.r.t Antecedent Generation/Load in the Regional Grid during the Grid Event	
	GI 1 or 2					Generation Loss(MW)	Load Loss (MW)	% Generation Loss(MW)	% Load Loss (MW)

NIL

7. High Voltage

The following lines were opened to maintain voltage profile of 400 kV Bus(s) at Misa, Balipara, Bongaigaon, Biswanath Chariali & Ranganadi within IEGC band:-

Nil

8. Lines opened to control overloading :

1	132 kV Kamalpur – Ambassa line
2	132 kV Umtru – Kahilipara D/C and 132 kV Umtru Sarusajai D/C
3	400/132 kV, 2x315 MVA ICT I or II at Surajmaninagar (Sterlite)
4	400/132 kV, 2x315 MVA ICT I or II at PK Bari(Sterlite)
5	132 kV Rangia-Sipajhar or 132 kV Rangia-Tangla line
6	132 kV Nalbari-Barpeta and Bus Split at Barnagar
7	220 kV Agia-Boko & 220 kV Agia-Azara

9. Lines under long outage :

1	400KV-IMPHAL(PG)-THOUBAL-1 (Out since 18-OCT-2021)
2	132 kV Jiribam-Rengpang (Out since 17-Nov-2023)
3	132 kV Kohima-Meluri (Out since 27-Sep-2023)
4	132kV Ningthoukhong-Churachandpur ckt 1 (Out since 04-Aug-2024)

10. Transformers/ICTs/Reactor under long outage :

1	THOUBAL - 400KV B/R 1 (Out since 08-NOV-2023)
2	220KV/132KV New Shillong-ICT-1 (Out since 02-JUN-2024)
3	MARIANI (AS) - 220KV B/R 1 (Out since 21-SEP-2024)

11. Generation Constraints

Major Generation outage:

Sl. No	Name of Power Station	Unit No	Rating in MW	Owner	Outage		Restoration		Reason/Remarks
					Date	Time	Date	Time	
1	Kopili Unit 3	Unit-3	50	NEEPCO	08-Oct-24	21:13	08-Oct-24	21:47	OPU oil pressure Low
2	AGTCCPP Unit 5	Unit-3	25.5	NEEPCO	14-10-2024	16:26	14-10-2024	17:45	Due to breaker mal-function
3	AGBPP - STG 1	Unit-7	30	NEEPCO	20-10-2024	18:27	21-10-2024	00:32	Due to control signal failure
4	AGBPP - STG 1	Unit-7	30	NEEPCO	21-10-2024	15:36	21-10-2024	23:06	control power failure of WHRB-1
5	Kopili Unit 3	Unit-3	30	NEEPCO	25-10-2024	21:27	25-10-2024	21:54	cooling water system problem
6	Loktak Unit 3	Unit-3	35	NHPC	29-10-2024	14:30	29-10-2024	14:58	Malfunctioning of overspeed tripping circuit.
7	AGBPP Unit 1	Unit-6	33.5	NEEPCO	30-10-2024	11:01	30-10-2024	19:06	Due to GT cooling air trouble
8	Kopili Unit 3	Unit-3	50	NEEPCO	03-11-2024	21:01	03-11-2024	21:25	Governor Primary signal fail
9	AGTCCPP Unit 2	Unit-2	21	NEEPCO	17-11-2024	11:43	17-11-2024	12:48	Tripped on Turbine compartment temperature high
10	AGTCCPP Unit 3	Unit-3	21	NEEPCO	03-12-2024	08:48	03-12-2024	10:22	Tripped due to lube oil temperature high for auxiliary power failure
11	Kopili Unit 3	Unit-3	50	NEEPCO	10-12-2024	20:41	10-12-2024	21:09	Tripped due to low OP pressure
12	BgTTP Unit 1	Unit-2	250	NEEPCO	19-12-2024	17:05	19-12-2024	19:34	Tripped on Turbine Condenser Variable set point VSP protection