



उपूक्षे का तिमाही सिस्टम स्टेटास रिपोर्ट

अप्रैल'20 - जून'20

**Quarterly System Operation Report of North  
Eastern Region April'21 - June'21**

**पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**

( पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

**Power System Operation Corporation Limited**

(A Government of India Enterprise)

उत्तर पूर्वी क्षेत्रीय भार प्रेषण केन्द्र

**North Eastern Regional Load Despatch Centre**



गढ़ल) / Quality of Power (Voltage and Frequency Profile) excerpt

ः प्र प्रोफाइल प्रोफाइल में / Voltage Profile in pu

माह / 'Month	मिसा 400 केवी / Misa 400 kV			बलीपारा 400 केवी / Balipara 400 kV			बोंगीगाव 400 केवी Bongaigaon 400 kV		
	Max	'Min	VDI	Max	Min	VDI	Max	'Min	VDI
April'2021	1.050	0.983	0.00%	1.043	0.980	0.00%	1.045	0.988	0.00%
May'2021	1.043	0.993	0.00%	1.040	0.990	0.00%	1.050	0.965	0.00%
June'2021	1.038	0.990	0.00%	1.035	0.993	0.00%	1.048	0.983	0.00%

माह / 'Month	रगानदी 400 केवी Ranganadi 400 kV			पालताना 400 केवी Palatana 400 kV			सिलचर 400 केवी Silchar 400 kV		
	Max	'Min	VDI	Max	Min	VDI	Max	'Min	VDI
April'2021	1.065	0.978	12.39%	1.038	0.978	0.00%	1.050	0.975	0.00%
May'2021	1.065	1.000	7.56%	1.033	0.978	0.00%	1.055	0.995	0.23%
June'2021	1.060	0.998	1.31%	1.033	0.975	0.00%	1.048	0.993	0.00%

माह / 'Month	बिषुनाथ चारली 400 केवी Biswanath Charali 400 kV			अजरा 400 केवी/Azara 400 kV			बोंगीटोपी 400 केवी / BgTPP 400 kV		
	Max	'Min	VDI	Max	Min	VDI	Max	'Min	VDI
April'2021	1.048	0.975	0.00%	1.045	1.000	0.00%	1.053	0.978	0.02%
May'2021	1.043	0.975	0.00%	1.038	0.993	0.00%	1.048	0.985	0.00%
June'2021	1.040	0.978	0.00%	1.038	0.995	0.00%	1.048	1.008	0.00%

माह / 'Month	बार्नीहाट 400 केवी / Byrnihat 400 kV			इम्फाल 400 केवी/ Imphal 400 kV			सुरजमानगर 400 केवी/ Surajmaninagar 400 kV		
	Max	'Min	VDI	Max	Min	VDI	Max	'Min	VDI
April'2021	1.053	0.988	0.09%	1.055	0.975	0.06%	1.050	0.953	0.00%
May'2021	1.053	1.003	0.003%	1.053	0.990	0.01%	1.048	0.980	0.00%
June'2021	1.050	1.003	0.00%	1.048	0.985	0.00%	1.045	0.978	0.00%

माह / 'Month	नू कोहीमा 400 केवी/ New Kohima 400 kV			मरियानी 400 केवी / Mariani(PG) 400 kV			पीके बारी 400 केवी/ PK Bari(STERLITE) 400 kV		
	Max	'Min	VDI	Max	Min	VDI	Max	'Min	VDI
April'2021	1.065	0.975	0.01%	1.053	0.958	0.004%	1.058	0.960	0.03%
May'2021	1.050	0.985	0.00%	1.048	0.970	0.00%	1.048	0.973	0.00%
June'2021	1.045	0.983	0.00%	1.048	0.983	0.00%	1.043	0.983	0.00%

माह / 'Month	मोकोकचुंग 220 केवी/ Mokokchung 220 kV			एजिबिबिबि 220 केवी / AGBPP 220 kV			मिसा 220 केवी / Misa 220 kV		
	Max	'Min	VDI	Max	Min	VDI	Max	'Min	VDI
April'2021	1.066	0.973	0.00%	1.064	0.955	0.00%	1.032	0.968	0.00%
May'2021	1.045	0.955	0.00%	1.073	0.977	0.00%	1.050	0.964	0.00%
June'2021	1.045	0.982	0.00%	1.068	1.000	0.00%	1.032	0.977	0.00%

माह / 'Month	कहिलीपारा 132 केवी / Kahilipara 132 kV			निरजूली 132 केवी / Nirjuli 132 kV			इम्फाल 132 केवी / Imphal 132 kV		
	Max	'Min	VDI	Max	Min	VDI	Max	'Min	VDI
April'2021	1.053	0.939	0.00%	1.053	0.932	0.00%	1.061	0.932	0.00%
May'2021	1.045	0.962	0.00%	1.045	0.924	0.00%	1.053	0.977	0.00%
June'2021	1.045	0.939	0.00%	1.034	0.970	0.00%	1.038	0.985	0.00%

माह / 'Month	आइजल 132 केवी / Aizawl 132 kV		
	Max	'Min	VDI
April'2021	1.076	0.932	0.00%
May'2021	1.076	0.947	0.00%
June'2021	1.061	0.955	0.00%

में अवधि ) / Frequency Profile (in %) (Duration in different ranges)

माह / 'Month	f < 49.9 Hz	49.9 Hz < f < 50.05 Hz	50.05 Hz < f	FDI (% of Time)
April'2021	7.96	75.06	16.98	24.94
May'2021	6.64	75.50	17.92	24.57
June'2021	5.31	76.07	18.62	23.93

a) Peak Demand Met and Unrestricted Demand (MW)

MONTH	STATE	PK REQ	PK DMD MET	SHORTAGE %
April'2021	अरुणाचल प्रदेश / Arunachal Pradesh	174	142	18.3
	असम / Assam	1913	1823	4.7
	मणिपुर / Manipur	208	208	0.0
	मेघालय / Meghalava	357	357	0.0
	मिजोरम / Mizoram	111	111	0.0
	नगालैंड / Nagaland	154	148	3.4
	त्रिपुरा / Tripura	300	300	0.0
	क्षेत्र / Region	3216	3089	4.0
May'2021	अरुणाचल प्रदेश / Arunachal Pradesh	154	138	10.9
	असम / Assam	1952	1871	4.2
	मणिपुर / Manipur	208	206	1.0
	मेघालय / Meghalava	329	329	0.0
	मिजोरम / Mizoram	107	107	0.0
	नगालैंड / Nagaland	151	143	5.1
	त्रिपुरा / Tripura	306	306	0.0
	क्षेत्र / Region	3208	3100	3.4
June'2021	अरुणाचल प्रदेश / Arunachal Pradesh	141	141	0.0
	असम / Assam	2062	1988	3.6
	मणिपुर / Manipur	212	210	0.9
	मेघालय / Meghalava	322	322	0.0
	मिजोरम / Mizoram	105	105	0.0
	नगालैंड / Nagaland	158	150	5.3
	त्रिपुरा / Tripura	287	287	0.0
	क्षेत्र / Region	3286	3201	2.6

b) Energy Met and Requirement (MU)

MONTH	STATE	Energy REQ	Energy MET	SHORTAGE %
April'2021	अरुणाचल प्रदेश / Arunachal Pradesh	67	67	0.4
	असम / Assam	855	836	2.2
	मणिपुर / Manipur	74	73	0.5
	मेघालय / Meghalaya	164	151	7.9
	मिजोरम / Mizoram	52	52	0.6
	नगालैंड / Nagaland	62	62	0.6
	त्रिपुरा / Tripura	240	240	0.1
	क्षेत्र / Region	1515	1482	2.2
May'2021	अरुणाचल प्रदेश / Arunachal Pradesh	63	63	0.5
	असम / Assam	839	839	0.0
	मणिपुर / Manipur	77	76	0.5
	मेघालय / Meghalaya	165	165	0.0
	मिजोरम / Mizoram	53	52	0.6
	नगालैंड / Nagaland	69	69	0.4
	त्रिपुरा / Tripura	238	238	0.1
	क्षेत्र / Region	1504	1502	0.1
June'2021	अरुणाचल प्रदेश / Arunachal Pradesh	69	69	0.4
	असम / Assam	958	958	0.0
	मणिपुर / Manipur	77	76	0.4
	मेघालय / Meghalaya	162	162	0.0
	मिजोरम / Mizoram	51	51	0.6
	नगालैंड / Nagaland	75	74	0.4
	त्रिपुरा / Tripura	216	216	0.1
	क्षेत्र / Region	1607	1606	0.1

श्री विवरण / Water Level & Energy Content details

जलाशय / Reservoir	As on 30-Jun-20		As on 30-Jun-21	
	जलाशय स्तर / Water Level	एनयू सामग्री / MU Content	जलाशय स्तर / Water Level	एनयू सामग्री / MU Content
खादोंग / Khandong	720.9	28.0	711.6	9.0
कोपिली / Kopili	0.0	-	0.0	-
लोकतक / Loktak	767.7	76.0	767.2	42.0
बारापानी / Barapani	980.5	47.0	969.1	13.0
गुमती / Gumti	90.2	15.0	0.0	-
डोयांग / Doyang	314.8	13.0	312.0	9.0

म वास्तविक ड्रॉ / Schedule vs Actual Drawl by States

Month	State	Schedule Drawl (MU)	Actual Drawl (MU)	Deviation (MU)
April'2021	अरुणाचल प्रदेश / Arunachal Pradesh	62.474	64.884	2.410
	असम / Assam	706.995	717.954	10.960
	मणिपुर / Manipur	73.637	73.486	-0.150
	मेघालय / Meghalaya	96.526	99.940	3.413
	मिजोरम / Mizoram	46.904	48.672	1.768
	नागालैंड / Nagaland	60.109	61.734	1.625
	त्रिपुरा / Tripura	119.431	134.604	15.173
May'2021	अरुणाचल प्रदेश / Arunachal Pradesh	66.682	60.020	-6.662
	असम / Assam	707.139	711.909	4.770
	मणिपुर / Manipur	77.580	76.214	-1.365
	मेघालय / Meghalaya	115.195	112.429	-2.766
	मिजोरम / Mizoram	50.632	50.584	-0.048
	नागालैंड / Nagaland	70.580	69.016	-1.564
	त्रिपुरा / Tripura	125.978	128.376	2.397
June'2021	अरुणाचल प्रदेश / Arunachal Pradesh	63.134	63.201	0.068
	असम / Assam	802.160	816.252	14.091
	मणिपुर / Manipur	77.063	76.276	-0.786
	मेघालय / Meghalaya	60.630	56.196	-4.434
	मिजोरम / Mizoram	48.418	47.922	-0.496
	नागालैंड / Nagaland	76.796	74.234	-2.562
	त्रिपुरा / Tripura	112.419	106.922	-5.497

एक्सचेंज / Inter-Regional Exchanges during the quarter

MONTH	220 KV		400 KV		400 KV	
	Birpara-Salakati D/C		Binaguri-B'gaon D/C		Alipurduar-B'gaon D/C	
	Exp	Imp	Exp	Imp	Exp	Imp
April'2021	8.875	13.558	14.719	45.259	17.946	68.665
May'2021	20.831	1.053	90.870	7.531	152.519	10.224
June'2021	0.595	46.837	112.055	115.851	104.509	119.731

Figures in MU

एक्सचेंज / Inter-Country Exchanges during the quarter

MONTH	Bangladesh (in MU)		Bhutan (in MU)		Myanmar (in MU)	
	Exp	Imp	Exp	Imp	Exp	Imp
April'2021	96.660	0	7.430	4.860	0.598	0
May'2021	98.800	0	5.110	24.070	0.687	0
June'2021	83.140	0	0.000	47.390	0.804	0

Figures in MU

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

The section may detail near miss situations, incidents of multiple elements outage, natural calamities affecting the power system, oscillations observed in the system etc.

A. Grid Disturbance

SI No	Region	Outage		Event	Generation Generation	Load Loss(MW)	Category as per CEA Category as per CEA
		Date	Time				
1	NER	01-04-2021	12:58	PK Bari area of Tripura Power System is connected with rest of NER grid through 132 kV RC Nagar-PK Bari DC, 132 kV PK Bari-Kumarghat, 132 kV PK Bari-Pk Bari(Sterlite), 132 kV PK Bari-Kamalpur & 132 kV PK Bari-Dharmanagar line. At 00:58 Hrs on 01-04-2021, All the connected lines with PK Bari substation tripped on LBB operation at PK Bari Substation. Due to tripping of elements connected with PL Bari substation, PK Bari area of Tripura Power System was separated from rest of NER Grid and subsequently collapsed due to no source in this area. Power was extended to PK Bari S/S by charging 132 kV PK Bari-Kamalpur Line at 01:38 Hrs on 01.04.2021.	0	11	GD 1
2	NER	01-04-2021	10:47	Udaipur area of Tripura Power System is connected with rest of NER grid through 132 kV Palatana-Udaipur line & 132 kV Udaipur-Monarchak line. 132 kV Udaipur-Monarchak line was under forced outage. At 10:47 Hrs on 01-04-2021, 132 kV Palatana-Udaipur line tripped. Due to tripping of this elements, Udaipur area of Tripura Power System was separated from rest of NER Grid and subsequently collapsed due to no source in this area. Power was extended to Udaipur S/S by charging 132 kV Palatana-Udaipur Line at 11:38 Hrs on 01.04.2021.	0	27	GD 1
3	NER	02-04-2021	03:24	Karong area of Manipur Power System and Wokha area of Nagaland Power System were connected with the rest of NER Grid through 132 kV Imphal(MA) - Karong line, 132 kV Karong-Kohima line & 132 kV Kohima - Wokha Line. 132 kV Sanis-Wokha line was under outage since 02:50 Hrs on 02.04.2021. At 03:24 Hrs on 02.04.2021, 132 kV Imphal(MA) - Karong line, 132 kV Karong-Kohima line & 132 kV Kohima - Wokha Line tripped. Due to tripping of these elements, Karong area of Manipur Power System and Wokha area of Nagaland Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in these areas.	0	10	GD 1
4	NER	05-04-2021	12:12	Ziro, Daporijo, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System is connected with rest of NER grid through 132 kV Ranganadi - Ziro line. At 00:12 Hrs on 05.04.21, 132 kV Ranganadi - Ziro line tripped. Due to tripping of this element, Ziro, Daporijo, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	15	GD 1
5	NER	08-04-2021	11:30	Tinsukia area of Assam Power System is connected with rest of NER grid through 220 kV AGBPP - Tinsukia D/C, 220 kV Tinsukia-NTPS line & 220 kV Tinsukia-NRPP line. At 11:30 Hrs on 08.04.21, 220 kV AGBPP - Tinsukia D/C tripped. At the same time 220 kV Tinsukia Double Bus tripped. Due to tripping of these elements, Tinsukia area of Assam Power System were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	65	GD 1

6	NER	10-04-2021	14:00	Kohima area of Nagaland Power System was connected with the rest of NER Grid through 132 kV Dimapur(PG) - Kohima, 132 kV Kohima - Meluri, 132 kV Wokha-Kohima and 132 kV Sanis-Wokha Lines. 132 kV Kohima-Karong Line was under emergency shutdown.At 14:00 Hrs on 10.04.2021, 132 kV Dimapur(PG) - Kohima, 132 kV Kohima - Meluri, 132 kV Wokha-Kohima and 132 kV Sanis-Wokha Lines tripped. Due to tripping of these elements, Kohima area of Nagaland Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	0	10	GD 1
7	NER	12-04-2021	01:45	"Yiangangpokpi area of Manipur Power System was connected with the rest of NER Grid through 132 kV Imphal(MN) - Yiangangpokpi DC. 132 kV Thoubal-Kakching Line was under shutdown.At 01:45 Hrs on 12.04.2021, Imphal(MN) - Yiangangpokpi DC tripped. Due to tripping of these elements,Yiangangpokpi area of Manipur Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area."	0	17	GD 1
8	NER	12-04-2021	14:08	"Yiangangpokpi area of Manipur Power System was connected with the rest of NER Grid through 132 kV Imphal(MN) - Yiangangpokpi II. 132 kV Thoubal-Kakching & 132 kV Imphal(MN) - Yiangangpokpi I Line was under shutdown.At 14:08 Hrs on 12.04.2021, 132 kV Imphal(MN) - Yiangangpokpi II line tripped. Due to tripping of this elements, Yiangangpokpi area of Manipur Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area."	0	15	GD 1
9	NER	13-04-2021	15:05	Ningthoukhong area of Manipur Power System was connected with the rest of NER Grid through 132kV Imphal-Ningthoukhong & 132 kV Loktak-Ningthoukhong. 132 kV Kakching - Thoubal T/L was in open condition due to system requirement as well 132 kV Jiribam-Loktak was out due to Planned Shutdown of Jiribam Bus.At around 15:05 hrs on 13.04.2021,132 kV Imphal-Loktak, 132kV Imphal-Ningthoukhong & 132 kV Loktak-Ningthoukhong tripped. Due to tripping of these elements,Ningthoukhong area of Manipur Power System was separated from rest of NER Grid and subsequently collapsed due to no source in this area.	0	35	GD 1
10	NER	16-04-2021	03:35	Khliehriat(PG), Khliehriat(Meghalaya) and NEIGRIHMS areas of Meghalaya Power System was connected with the rest of NER Grid through 132kV Khandong-Khliehriat(PG) D/C line,132 kV Khlieriat(MePTCL)-Lumshnong, 132 kV Khlieriat(MePTCL)-Mustem & 132 kV NEHU-NEIGRIHMS lines.132 kV Badarpur-Khliehriat(PG) line under tripped condition w.e.f. 03:17 Hrs of 16.04.21At around 03:35 hrs on 16.04.2021,132kV Khandong-Khliehriat(PG) D/C line,132 kV Khliehriat(MePTCL)-Mustem, 132 kV Khliehriat(MePTCL)-Lumshnong, 132 kV Khliehriat-NEIGRIHMS & 132 kV NEIGRIHMS-NEHU tripped. Due to tripping of these elements, Khliehriat(Meghalaya) ,Khliehriat(PG) and NEIGRIHMS areas of Meghalaya Power System and Leska Power station were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	48	40	GD 1

11	NER	19-04-2021	16:52	Yiangangpokpi area of Manipur Power System was connected with the rest of NER Grid through 132 kV Imphal(MN) - Yiangangpokpi DC. 132 kV Thoubal-Kakching Line was under shutdown.At 16:52 Hrs on 19.04.2021, Imphal(MN) - Yiangangpokpi DC tripped. Due to tripping of these elements,Yiangangpokpi area of Manipur Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	0	24	GD 1
12	NER	23-04-2021	15:32	Along area of Arunachal Pradesh Power System was connected with the rest of NER Grid through 132 kV Daporijo-Along line. At 15:32 Hrs on 23.04.2021, Daporijo-Along line tripped. Due to tripping of this element,Along area of Arunachal Pradesh Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	0	12	GD 1
13	NER	25-04-2021	03:36	Dikshi HEP and Khupi area of Arunachal Pradesh Power System was connected with the rest of NER Grid through 132 kV Balipara - Tenga line.At 03:36 Hrs on 25.04.2021, 132 kV Balipara - Tenga line tripped. Due to tripping of this element, Dikshi HEP and Khupi area of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in these areas.	3	17	GD 1
14	NER	27-04-2021	11:49	Dikshi HEP and Khupi area of Arunachal Pradesh Power System was connected with the rest of NER Grid through 132 kV Balipara - Tenga line.At 11:49 Hrs on 27.04.2021, 132 kV Balipara - Tenga line & 132 kV Tenga- Khupi T/L tripped. Due to tripping of this element, Dikshi HEP and Khupi area of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in these areas.	3	16	GD 1
15	NER	30-04-2021	16:15	"Rokhia area of Tripura Power System was connected with the rest of NER Grid through 132 kV Agartala - Rokhia D/C Lines and 132 kV Monarchak - Rokhia LineAt 16:15 Hrs on 30.04.2021, 132 kV Agartala - Rokhia D/C Lines and 132 kV Monarchak - Rokhia Line tripped. Due to tripping of these elements,Rokhia area of Tripura Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area."	55	16	GD 1



16	NER	01-05-2021	02:42	Rokhia area of Tripura Power System was connected with the rest of NER Grid through 132 kV Agartala - Rokhia D/C Lines and 132 kV Monarchak - Rokhia Line. At 02:42 Hrs on 01.05.2021, 132 kV Agartala - Rokhia D/C Lines and 132 kV Monarchak - Rokhia Line tripped. Due to tripping of these elements, Rokhia area of Tripura Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	85	16	GD 1
17	NER	01-05-2021	19:43	Along area of Arunachal Pradesh Power System was connected with the rest of NER Grid through 132 kV Daporijo-Along line. At 19:43 Hrs on 01.05.2021, Daporijo-Along line tripped. Due to tripping of this element, Along area of Arunachal Pradesh Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	0	19	GD 1
18	NER	02-05-2021	14:30	Mustem & Mawlyndep area of Meghalaya Power System were connected with the rest of NER Grid through 132 kV Khliehriat-Mustem line & 132 kV Mawlyndep-NEHU line. 132 kV Mustem-Khliehriat line tripped at 14:03 hrs on 02.05.2021. At 14:30 Hrs on 02.05.2021, 132 kV Mawlyndep-Mustem line tripped causing blackout at Mustem S/S. Again, at 14:37 Hrs, 132 kV Mawlyndep-NEHU line tripped leading to blackout at Mawlyndep S/S. Due to tripping of these elements, Mustem & Mawlyndep area of Meghalaya Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in these areas.	0	23	GD 1
19	NER	04-05-2021	01:51	Dhaligaon area of Assam Power System was connected with the rest of NER Grid through 132 kV BTPS Dhaligaon D/C line. 132 kV Dhaligaon-Nalbari line and 132 kV Gossaigan-Gauripur line was kept open due to system constraint by AEGCL. Also, at 132 kV Barnagar SS, bus was in splitting condition (40 & 25 MVA ICT feeding power from Dhaligaon side and 25 MVA ICT was feeding power from Rangia side). At 01:55 hrs of 04-05-2021, 132 kV BTPS(AS)-Dhaligaon D/C line tripped. Due to tripping of above elements Dhaligaon, Gossaigan and Bornagar (partial) areas of Assam Power System was separated from the rest of the NER grid and subsequently collapsed due to no source in the area.	0	24	GD 1
20	NER	06-05-2021	04:41	Lumshnong Area of Meghalaya Power System was connected to the rest of NER grid through 132 kV Lumshnong - Panchgram line & 132 kV Khliehriat(MePTCL) - Lumshnong line. At 04:41 hrs of 06.05.2021, 132 kV Lumshnong - Panchgram line & 132 kV Khliehriat(MePTCL) - Lumshnong line tripped. Due to tripping of these elements, Lumshnong Area of Meghalaya Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	0	26	GD 1

21	NER	12-05-2021	05:21	Lumshnong Area of Meghalaya Power System was connected to the rest of NER grid through 132 kV Lumshnong - Panchgram line & 132 kV Khliehriat(MePTCL) - Lumshnong line. At 05:21 hrs of 12.05.2021, 132 kV Lumshnong - Panchgram line & 132 kV Khliehriat(MePTCL) - Lumshnong line tripped. Due to tripping of these elements, Lumshnong Area of Meghalaya Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area. Power was extended to 132 kV Lumshlong S/S by charging 132 kV Khliehriat-Lumshnong line at 05:32 Hrs of 12.05.2021.	0	18	GD 1
22	NER	12-05-2021	13:56	Mustem and Mawlyndep areas of Meghalaya Power System was connected with the rest of NER Grid through 132 kV Mawlyndep - Nehu and 132 kV Khleiriat - Mustem lines. At 13:56 Hrs, 132 kV Mawlyndep - Nehu and 132 kV Khleiriat - Mustem lines tripped. Due to tripping of these elements, Mustem and Mawlyndep area of Meghalaya Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in these areas. Power was extended to 132 kV Mustem by charging 132 kV Khleiriat - Mustem at 14:07 Hrs of 12.05.2021.	0	26	GD 1
23	NER	12-05-2021	18:57	Capital area of Arunachal Pradesh Power System was connected with the rest of NER Grid through 132 kV Itanagar (Chimpu)-Lekhi line, 132 kV Pare-Lekhi line, 132 kV Itanagar (Chimpu)-Pare line, 132 kV Itanagar (Chimpu)-Ranganadi line and 132 kV BNC( PG) - Itanagar (Chimpu) I & II lines. 132 kV Nirjuli - Gohpur line was kept open to control loading of 132 kV Lekhi - Pare Line. At 18:57 Hrs on 12.05.2021, 132 kV Itanagar (Chimpu)-Lekhi line, 132 kV Pare - Lekhi line, 132 kV Itanagar (Chimpu)-Pare line, 132 kV Itanagar (Chimpu)-Ranganadi line, 132 kV BNC( PG) - Itanagar (Chimpu) I & II lines tripped. Due to tripping of these elements, Capital area of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in this area. Power was extended to Itanagar(Chimpu) by charging 132 kV Pare - Itanagara( Chimpu) at 19:28 Hrs of 12.05.2021.	0	49	GD 1
24	NER	14-05-2021	12:16	Tezu and Namsai area of Arunachal Pradesh power system was connected with the rest of NER Grid through 132 kV Roing-Tezu line. At 12:16 Hrs, 132 kV Roing-Tezu line tripped. Due to tripping of this element, Tezu and Namsai area of Arunachal Pradesh power system were separated from the rest of NER Grid and subsequently collapsed due to no source in this area	0	3	GD 1
25	NER	15-05-2021	13:39	Mawlai and Mawngap areas of Meghalaya Power System and UMIAM I & UMIAM II Generating Stations were connected with the rest of NER Grid through 132 kV Umiam III-Umiam I D/C lines, 132kV Umiam I-Umiam line, 132 kV Mawlai-NEHU line and 132 kV Nongstoin-Mawngap line. At 13:39 Hrs, 132 kV Umiam III-Umiam I D/C lines, 132kV Umiam I-Umiam line, 132 kV Mawlai-NEHU line and 132 kV Nongstoin-Mawngap line tripped. Due to tripping of these elements, Mawlai and Mawngap areas of Meghalaya Power System and UMIAM I & UMIAM II Generating Stations were separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in these areas.	18	80	GD 1

26	NER	20-05-2021	15:04	Leshka Generating Station of Meghalaya Power System was connected with the rest of NER Grid through 132 kV Leshka-Khliehriat(MePTCL) D/C lines. At 15:04 Hrs, Myndtu Leshka - UNIT 1 & 2 and 132 kV Leshka-Khliehriat(MePTCL) D/C lines tripped. Due to tripping of these elements, Leshka Generating Station of Meghalaya Power System was separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in these areas.	41	0	GD 1
27	NER	23-05-2021	02:02	"Rokhia area of Tripura Power System was connected with the rest of NER Grid through 132 kV Agartala - Rokhia 1 Line and 132 kV Monarchak - Rokhia Line. 132 kV Agartala - Rokhia 2 Line was under shutdown due to damage in cross arm structure since 02/05/2021. At 02:02 Hrs on 23.05.2021, 132 kV Agartala - Rokhia 1 Line and 132 kV Monarchak - Rokhia Line tripped. Due to tripping of these elements, Rokhia area of Tripura Power System was separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch area."	36	14	GD 1
28	NER	25-05-2021	21:54	Tezu and Namsai area of Arunachal Pradesh power system was connected with the rest of NER Grid through 132 kV Roing-Tezu line. At 21:54 Hrs, 132 kV Roing-Tezu line tripped. Due to tripping of this element, Tezu and Namsai area of Arunachal Pradesh power system were separated from the rest of NER Grid and subsequently collapsed due to no source in this area	0	8	GD 1
29	NER	26-05-2021	10:25	Gohpur, North Lakhimpur, Dhemaji and Majuli areas of Assam Power System and Nirjuli area of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Gohpur-Pavoi(AS) II line and 132 kV Lekhi-Nirjuli line. 132 kV Gohpur-Pavoi(AS) I line was under shutdown due to Tower Dismantling works. At 10:25 Hrs on 26.05.2021, 132 kV Gohpur-Pavoi(AS) II line and 132 kV Lekhi-Nirjuli line tripped. Due to tripping of these elements, Gohpur, North Lakhimpur, Dhemaji and Majuli areas of Assam Power System and Nirjuli area of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in these areas.	0	73	GD 1
30	NER	26-05-2021	21:34	North Lakhimpur, Dhemaji and Majuli areas of Assam Power System were connected with the rest of NER Grid through 132 kV Gohpur-North Lakhimpur I & II lines. At 21:34 Hrs on 26.05.2021, 132 kV Gohpur-North Lakhimpur I & II lines tripped. Due to tripping of these elements, North Lakhimpur, Dhemaji and Majuli areas of Assam Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in these areas.	0	60	GD 1

31	NER	26-05-2021	21:48	North Lakhimpur, Dhemaji and Majuli areas of Assam Power System were connected with the rest of NER Grid through 132 kV Gohpur-North Lakhimpur I & II lines. At 21:48 Hrs on 26.05.2021, 132 kV Gohpur-North Lakhimpur I & II lines tripped. Due to tripping of these elements, North Lakhimpur, Dhemaji and Majuli areas of Assam Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in these areas.	0	48	GD 1
32	NER	27-05-2021	07:12	Along, Pasighat, Roing, Tezu & Namsai Areas of Arunachal Power System was connected with the rest of NER Grid through 132 kV Daporijo-Along line. At 07:12 Hrs, 132 kV Daporijo-Along line tripped. Due to tripping of this element, Along and radially connected Pasighat, Roing, Tezu & Namsai area of Arunachal Power System were separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas.	0	13	GD 1
33	NER	28-05-2021	12:23	Along, Pasighat, Roing, Tezu & Namsai Areas of Arunachal Power System was connected with the rest of NER Grid through 132 kV Daporijo-Along line. At 12:23 Hrs on 28.05.2021, 132 kV Daporijo-Along line tripped. Due to tripping of this element, Along and the radially connected Pasighat, Roing, Tezu & Namsai areas of Arunachal Power System were separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas.	27	0	GD 1
34	NER	28-05-2021	14:22	Rokhia Area of Tripura Power System was connected with the rest of NER Grid through 132 kV Rokhia-Agartala Line 1 and 132 kV Rokhia- Monarchak Line. 132 kV Agartala - Rokhia 2 line was under S/D due to damage to crossarm structure since 02.05.2021. At 14:22 Hrs on 28.05.2021, 132 kV Rokhia - Monarchak line, 132 kV Rokhia- Agartala 1 line tripped. Due to tripping of these elements, Rokhia Area of Tripura system was separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in this area.	55	8	GD 1
35	NER	29-05-2021	12:19	Khupi area of Arunachal Pradesh Power System was connected with the rest of NER Grid through 132 kV Balipara - Tenga line. At 12:19 Hrs on 29.05.2021, 132 kV Balipara - Tenga Line, 132 kV Tenga- Khupi Line and Unit 3 of Dikshi HEP tripped. Due to tripping of this element, Khupi area of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in these areas.	6	15	GD 1

36	NER	30-05-2021	13:36	"Khupi area of Arunachal Pradesh Power System was connected with the rest of NER Grid through 132 kV Balipara - Tenga line.At 13:36 Hrs on 30.05.2021, 132 kV Balipara - Tenga Line, 132 kV Tenga- Khupi Line and Unit 2 of Dikshi HEP tripped. Due to tripping of this element, Khupi area of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in these areas."	5	14	GD 1
37	NER	31-05-2021	19:48	Yiangangpokpi area of Manipur Power System was connected with the rest of NER Grid through 132 kV Imphal(MN) - Yiangangpokpi 1 ( 132 kV Imphal(MN) - Yiangangpokpi 2 was under outage from 19:46 hrs of 31-05-2021and 132 kV Thoubal-Kakching Line was under shutdown).At 19:48 Hrs on 31.05.2021, Imphal(MN) - Yiangangpokpi line 1 tripped . Due to tripping of these elements,Yiangangpokpi area of Manipur Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	0	24	GD 1
38	NER	31-05-2021	20:41	Yiangangpokpi area of Manipur Power System was connected with the rest of NER Grid through 132 kV Imphal(MN) - Yiangangpokpi 1 . ( 132 kV Imphal(MN) - Yiangangpokpi 2 was under outage from 20:36 hrs of 31-05-2021and 132 kV Thoubal-Kakching Line was under shutdown).At 20:41 Hrs on 31.05.2021, Imphal(MN) - Yiangangpokpi line 1 tripped. Due to tripping of these elements,Yiangangpokpi area of Manipur Power System was separated from the rest of NER Grid and subsequently collapsed due to no source in this area.	12	0	GD 1
39	NER	03-06-2021	13:08	Khupi area of Arunachal Pradesh Power System was connected with the rest of NER Grid through 132 kV Balipara - Tenga line.At 13:08 Hrs on 03.06.2021, 132 kV Balipara - Tenga Line, 132 kV Tenga- Khupi Line and Unit 1 of Dikshi HEP tripped. Due to tripping of this element, Khupi area of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in these areas.	4.3	21	GD 1
40	NER	15-06-2021	12:13	Karong Area of Manipur Power System was connected with the rest of NER Grid through 132 kV Imphal (MSPCL) - Karong Line and 132 kV Karong - Kohima Line.At 00:13 Hrs, 132 kV Imphal (MSPCL) - Karong Line and 132 kV Karong - Kohima Line tripped. Due to tripping of these elements, Karong Area of Manipur Power System was separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas.	0	8	GD 1

41	NER	16-06-2021	04:38	Khupi area of Arunachal Pradesh Power System & Dikshi HEP of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Balipara - Tenga line. At 04:38 Hrs on 16.06.2021, 132 kV Balipara - Tenga line tripped. Due to tripping of this element, Khupi area of Arunachal Pradesh Power System & Dikshi HEP of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in this area.	8	20	GD 1
42	NER	19-06-2021	21:32	"Karong Area of Manipur Power System was connected with the rest of NER Grid through 132 kV Imphal (MSPCL) - Karong Line and 132 kV Karong - Kohima Line. At 21:32 Hrs, 132 kV Imphal (MSPCL) - Karong Line and 132 kV Karong - Kohima Line tripped. Due to tripping of these elements, Karong Area of Manipur Power System was separated from the rest of NER Grid and subsequently collapsed due to no source available in these areas."	0	8	GD 1
43	NER	21-06-2021	09:52	Khupi area of Arunachal Pradesh Power System & Dikshi HEP of Arunachal Pradesh Power System were connected with the rest of NER Grid through 132 kV Balipara - Tenga line. At 09:52 Hrs on 21.06.2021, 132 kV Balipara - Tenga line tripped. Due to tripping of this element, Khupi area of Arunachal Pradesh Power System & Dikshi HEP of Arunachal Pradesh Power System were separated from the rest of NER Grid and subsequently collapsed due to load generation mismatch in this area.	10	20	GD 1
44	NER	25-06-2021	19:37	Rangia, Nalbari, Sipajhar, Kamalpur, Sishugram and part of the load of Bornagar Areas of Assam Power System were connected with the rest of NER Grid through 220 kV BTPS - Rangia 1 Line, 220 kV BTPS - Rangia 2 Line and 132 kV Motonga (Bhutan) - Rangia Line. 132 kV Nalbari-Dhaligaon line was kept under shutdown due to low loading capacity of 132 kV Nalbari-Dhaligaon line, 132 kV Rowta- Rangia Line and 132 kV Sipajhar-Rowta Line were kept under shutdown to avoid overloading of 132 kV Sonabil-Depota Line. At 19:37 Hrs on 25.06.2021, 100 MVA, 220/132 kV ICT 1 at Rangia, 100 MVA, 220/132 kV ICT 2 at Rangia, 220 kV BTPS - Rangia 1 Line, 220 kV BTPS - Rangia 2 Line & 132 kV Motonga (Bhutan) - Rangia Line tripped. Due to tripping of these elements, Rangia, Nalbari, Sipajhar, Kamalpur, Sishugram and part of the load of Bornagar Areas of Assam Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in these areas.	0	220	GD 1

45	NER	26-06-2021	11:03	Ziro, Daporijo, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System are connected with rest of NER Grid through 132 kV Ranganadi - Ziro line. At 23:03 Hrs on 26.06.2021, 132 kV Ranganadi - Ziro line tripped. Due to tripping of this element, Ziro, Daporijo, Along, Pasighat, Roing, Tezu and Namsai areas of Arunachal Pradesh Power System were separated from rest of NER Grid and subsequently collapsed due to no source in these areas.	0	28	GD 1
46	NER	26-06-2021	13:22	Dhaligaon, Gossaigaon, Barnagar, BRPL and Jogighopa areas of Assam Power System were connected to the rest of NER Grid through 132 kV BTPS - Dhaligaon D/C. 132 kV Gossaigaon - Gouripur line was kept opened to control overloading of 132 kV BTPS - Kokrajhar line. 132 kV Dhaligaon - Nalbari line was kept opened by Assam SLDC due to low loading capability of the line. 132 kV Barnagar Bus was segregated and loads fed radially via 132 kV Dhaligaon - Barnagar line and 132 kV Rangia - Barnagar line. At 13:22 Hrs on 26.06.2021, 132 kV BTPS - Dhaligaon D/C tripped. Due to tripping of these elements, Dhaligaon, Gossaigaon, Barnagar, BRPL and Jogighopa areas of Assam Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in these areas.	0	88	GD 1
47	NER	26-06-2021	17:42	Myndtu Leshka Area of Meghalaya Power System was connected to the rest of NER Grid through 132 kV Leshka - Khliehriat D/C. At 17:42 Hrs on 26.06.2021, 132 kV Leshka - Khliehriat D/C tripped. Due to tripping of these elements, Myndtu Leshka Area of Meghalaya Power System consisting of 3 units of Leshka Generation were separated from the rest of NER Grid and subsequently collapsed due to loss of evacuation path.	124	0	GD 1
48	NER	28-06-2021	13:12	Bokajan area of Assam Power System was connected with the rest of NER Grid through 132 kV Bokajan - Dimapur(PG) line and 132 kV Bokajan - Golaghat line. At 13:12 Hrs on 28.06.2021, 132 kV Bokajan - Dimapur(PG) line and 132 kV Bokajan - Golaghat line tripped. Due to tripping of these elements, Bokajan Area of Assam Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in these areas.	0	13	GD 1
49	NER	29-06-2021	04:20	Dhaligaon, Gossaigaon and part load of Bornagar areas of Assam Power System were connected with the rest of NER Grid through 132 kV BTPS-Dhaligaon 1 line and 132 kV BTPS-Dhaligaon 2 line. 132 kV Gossaigaon-Gauripur line was ideally charged from Gauripur end to avoid O/L of 132 kV BTPS-Kokrajhar and 132 kV Dhaligaon-Nalbari line was kept open by Assam SLDC due to low loading capability of the line. At 04:20 Hrs on 29.06.2021, 132 kV BTPS-Dhaligaon 1 line & 132 kV BTPS-Dhaligaon 1 line tripped. Due to tripping of these elements, Dhaligaon, Gossaigaon and part load of Bornagar areas of Assam Power System were separated from the rest of NER Grid and subsequently collapsed due to no source in these areas.	0	40	GD 1

B. Grid Incidence

Sl No	Region	Outage		Event	Generation Loss(MW)	Load Loss(MW)	Category as per CEA Grid Standards
		Date	Time				
1	NER	01-04-2021	10:42	Palatana Unit 1 & 2 tripped at 10:42 hours on 01-04-21 due to Loss of Flame. Revision done from Block No. 51 on 01-04-21	317	0	GI 2
2	NER	18-04-2021	10:42	AGTCCPP Unit 4 tripped at 10:42 hours on 18-04-21 due to Control system malfunction. Revision done from Block No. 51 on 18-04-21	25	0	GI 1
3	NER	18-04-2021	06:42	BgTTP Unit 2 tripped at 06:42 hours on 18-04-21 due to Low Vacuum in Turbine Condenser. Revision done from Block No. 31 on 18-04-21	317	0	GI 2
4	NER	21-04-2021	07:39	AGTCCPP Unit 4 tripped at 07:39 hours on 21-04-21 due to control system malfunction. Revision done from Block No. 37 on 21-04-21	30	0	GI 1
5	NER	22-04-2021	12:15	AGBPP Unit 1 & Unit 3 tripped at 00:15 hours on 22-04-21 due to LBB Operation. Revision done from Block No. 09 on 22-04-21.	59.4	0	GI 2
6	NER	23-04-2021	11:15	AGBPP Unit 8 tripped at 23:15 hours on 23-04-21 due to Problem in Boiler CEP. Revision done from Block No. 05 on 24-04-21.	9	0	GI 2
7	NER	24-04-2021	12:28	BGTTP Unit 3 tripped at 12:28 hours on 24-04-21 due to Problem in Boiler CEP. Revision done from Block No. 57 on 24-04-21.	128	0	GI 2
8	NER	26-04-2021	19:12	AGTCCPP Unit 3 tripped at 19:12 hours on 26-04-21 due to stator earth fault. Revision done from Block No. 85 on 26-04-21.	19	0	GI 1
9	NER	04-05-2021	12:40	Palatana Unit ST-II & Palatana Unit GT-II tripped at 12:40 hours on 04-05-21 due to tripping of GBC. Revision done from Block No. 57 on 04-05-21.	317	0	GI 2
10	NER	14-05-2021	04:13	AGBPP Unit 5 tripped at 04:13 hours on 14-05-21 due to low control oil pressure. Revision done from Block No. 25 on 14-05-21.	30	0	GI 2
11	NER	15-05-2021	04:34	AGBPP Unit 5 tripped at 04:34 hours on 15-05-21 due to low control oil pressure. Revision done from Block No. 25 on 15-05-21.	30	0	GI 2
12	NER	19-05-2021	12:59	Palatana Unit GT 2 and Palatana Unit ST 2 tripped at 12:59 hours on 19-05-21 . Revision done from Block No. 59 on 19-05-21.	312	0	GI 2
13	NER	28-05-2021	09:38	Kameng unit 1 tripped due to GT overhead line differential protection at 09:38 hours on 28-05-21 . Revision done from Block No. 47 on 28-05-21.	154	0	GI 2
14	NER	31-05-2021	04:18	AGBPP STG 2 tripped due to tripping of condenser extraction pump at 04:18 hours on 31-05-21 . Revision done from Block No. 25 on 31-05-21.	22	0	GI 2



15	NER	31-05-2021	16:38	Palatana GTG 2 & Palatana STG 2 tripped due to tripping of GBC 2 and high exhaust temperature at 16:38 hours on 31-05-21 . Revision done from Block No. 75 on 31-05-21.	323	0	GI 2
16	NER	22-06-2021	01:42	AGBPP Unit 4 tripped at 01:42 hours on 22-06-21 due to high exciter vibration. Revision done from Block No. 16 on 22-06-21.	42	0	GI 2
17	NER	22-06-2021	12:13	AGTCCPP Unit 4 tripped at 12:13 hours on 22-06-21 due to problem in thermocouple. Revision done from Block No. 57 on 22-06-21.	27	0	GI 1
18	NER	28-06-2021	19:58	Kameng Unit 2 tripped at 19:58 hours on 28-06-21 due to high LGB pad temperature. Revision done from Block No. 87 on 28-06-21.	133	0	GI 2
19	NER	30-06-2021	12:30	AGTCCPP units 1 & 2 tripped due to Main Steam Pressure Low at 12:30 hours on 30-06-21 . Revision done from Block No. 57 on 13-06-21.	43	0	GI 1

#### 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:-

a	400KV-BALIPARA-BONGAIGAON-2
b	400KV-BALIPARA-BONGAIGAON-3
c	400KV-BALIPARA-BONGAIGAON-4
d	400KV-SILCHAR-PK BARI (STERLITE)-1
e	400KV-SILCHAR-PK BARI (STERLITE)-2

#### 8. Lines/ICTs opened to control overloading :

a	132 kV Imphal-Ningthoukhong
b	132 kV Kamalpur – Ambassa line
c	132kV Nirjuli-Gohpur Line
d	132 kV Umtru – Kahilipara D/C and 132 kV Umtru Sarusajai D/C
e	400/132 kV Surajmaninagar (Sterlite)- ICT I or II

#### 9. Transmission lines under long outage :

a	132kV Jiribam – Rengpang
b	132 kV Panchgram-Srikona line (out since 14.01.2019).
c	132 kV Mariani – Mokokchung (out since April'2008)

#### 10. Transformers/ICTs/Reactor under long outage :

a	420 kV, 63 MVAR Bus Reactor at Byrnihat
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#### 11. Transmission line constraint :

a	220 kV BTPS-Salakati I & II lines(POWERGRID)
b	132 kV Biswanath Chariali (PG) – Biswanath Chariali (Pavoi) (AEGCL) I & II lines (PowerGrid)

#### 12. Transformation Constraints :

Transformation capacity at the following location is inadequate as these transformers were overloaded frequently during peak hours:-

a	220/132 kV, 160 MVA ICT at Kopili
b	220/132 kV, 100 MVA ICT at Rangia

#### 13.'N-1 criterion not satisfied for the following Transformers :

a	220/132 kV, 160 MVA ICT at Kopili
b	220/132 kV, 100 MVA ICT at Rangia

14. Generation Constraints

Major Generation outage :

Sl No	Name of Power Station	Unit No	Rating in MW	Owner	Outage		Restoration		Reason/Remarks
					Date	Time (Hrs)	Date	Time (Hrs)	
1	AGBPP	Unit 5	33.50	NEEPCO	16-04-21	03:00	03-05-21	12:10	Gas fuel Control Valve Pressure low
2	AGTCCPP	Unit 3	21.00	NEEPCO	26-04-21	19:12	29-04-21	13:24	Stator earth fault
3	AGBPP	Unit 5	33.50	NEEPCO	15-05-21	04:34	20-05-21	14:21	Tripped due to low control Oil pressure
4	RANGANADI	Unit 2	135.00	NEEPCO	26-06-21	23:03	28-06-21	11:06	Tripped on NPS while synchronising
5	KAMENG	Unit 4	150.00	NEEPCO	26-06-21	05:23	01-07-21	18:11	Tripped on Rotor E/F
6	KAMENG	Unit 2	150.00	NEEPCO	28-06-21	19:58	30-06-21	19:08	LGB temperature high

15. Generation Capacity Addition :

During Jan'21-Mar'21

Sl No	पावर स्टेशन का नाम / Name of Power Station	यूनिट संख्या / Unit No	मेगावाट क्षमता / Capacity in MW	Owner / स्वामी	चालू तिथि / Commissioning Date
1	Solar Power Plant at Boko GSS, Assam connected at 33 kV.	-	12.5 MW (Out of 25 MW)	M/s Azure Power Forty Pvt. Ltd	Idle charged at 16:32 Hrs on 22.04.2021 and synchronised at 17:40 Hrs on 30.04.2021

16. Transmission/Transformation/Reactive Capacity Addition :

During Apr-Jun'21

Sl. No.	तत्व का नाम / Name of Element	केवी में वोल्टेज स्तर / Voltage level in kV	उपयोगिता / Utility	चार्ज करने की तारीख / Charging date
1	132 KV Samaguri - Khaloigaon Line 1	132	AEGCL	10.04.2021
2	132 /33, 25 MVA transformer at Panisokua	132/33	AEGCL	14.04.2021
3	132/33kV, 50 MVA TX at Dhaligaon.	132/33	AEGCL	19.04.2021
4	132 kV Teok – Nazira line	132	AEGCL	07.06.2021
5	132 kV Teok – Jorhat (Garmur) line	132	AEGCL	07.06.2021
6	132/33 kV Transformer 1 at Teok S/S	132/33	AEGCL	07.06.2021
7	132/33 kV Transformer 2 at Teok S/S	132/33	AEGCL	07.06.2021
8	132/33 kV Transformer 1 at Dullavcherra S/S	132/34	AEGCL	11.06.2021
9	132/33 kV Transformer 2 at Majuli S/S	132/35	AEGCL	20.06.2021