



पूर्वोत्तर क्षेत्र के सिस्टम स्थिति रिपोर्ट

हेतु - JAN,2025

System Status Report of North Eastern Region

For JAN,2025

संशोधन संख्या / Revision No : 00

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

( भारत सरकार का उद्यम)

Grid Controller of India Limited

(A GOVT. of India Enterprise)

उत्तर पूर्वी क्षेत्रीय भार प्रेषण केन्द्र

North Eastern Region Load Despatch Center

पर जारी / Issued on :19.02.2025

2. NER GRID SUMMARY FOR THE MONTH JAN,2025

	अरुणाचल प्रदेश/ARUNACHAL PRADESH	असम / ASSAM	मणिपुर / MANIPUR	मेघालय /MEGHALAYA	मिज़ोरम / MIZORAM	नागालैंड / NAGALAND	त्रिपुरा /TRIPURA
<b>(I) उत्पादन विवरण/GENERATION DETAILS:(MU)</b>							
हाइड्रो/HYDRO	3.7	17.83	0	41.39	2.44	2.23	0
थर्मल/THERMAL	0	0	0	0	0	0	0
गैस/GAS	0	144.89	0	0	0	0	13.69
सौर/SOLAR	0	26.49	0	0	4.05	0	0
<b>कुल उत्पादन/TOTAL GENERATION</b>	<b>3.7</b>	<b>189.21</b>	<b>0</b>	<b>41.39</b>	<b>6.49</b>	<b>2.23</b>	<b>13.69</b>

<b>(II) वास्तविक निकासी और खपत/ACTUAL DRAWAL AND CONSUMPTION(MU)</b>								
	अरुणाचल प्रदेश/ARUNACHAL PRADESH	असम / ASSAM	मणिपुर / MANIPUR	मेघालय /MEGHALAYA	मिज़ोरम / MIZORAM	नागालैंड / NAGALAND	त्रिपुरा /TRIPURA	क्षेत्र/REGION
वास्तविक निकासी/ Actual Drawal	90.88	654.48	114.28	162.37	53.05	72.29	102.67	1250.02
खपत/Consumption	94.70	852.52	114.28	204.28	69.97	74.54	166.79	1577.07

<b>(III) अधिकतम मांग /MAXIMUM DEMAND</b>										
	अरुणाचल प्रदेश/ARUNACHAL PRADESH	असम / ASSAM	मणिपुर /MANIPUR	मेघालय/MEGHALAYA	मिज़ोरम /MIZORAM	नागालैंड / NAGALAND	त्रिपुरा/TRIPURA (incl. Bangladesh)	त्रिपुरा/TRIPURA (excl. Bangladesh)	क्षेत्र/REGION (incl. Bangladesh)	क्षेत्र/REGION (excl. Bangladesh)
बर्ष मांग/PEAK DEMAND (MW)	195.53	1561.01	267	392.542	167.87	174	295.01	233.59	3008	2941
दिनांक/Date	05.01.25	30.01.25	17.01.25	27.01.25	29.01.25	29.01.25	06.01.25	08.01.25	29.01.25	29.01.25
अधिकतम मांग का समय/Max Demand At Time	18:29	18:00	17:45	18:00	17:34	17:15	17:38	17:29	17:34	17:34

<b>(IV) क्षेत्रीय अधिकतम मांग /REGIONAL MAXIMUM DEMAND</b>				
क्षेत्रीय अधिकतम/REGIONAL MAXIMUM	MW	दिनांक/DATE	समय /TIME	आवृत्ति /FREQUENCY
मांग/DEMAND	2941	29-Jan-25	17:30	50.052

<b>v) माह के लिए आवृत्ति प्रोफाइल/FREQUENCY PROFILE FOR THE MONTH [Hz]</b>				
	आवृत्ति/FREQUENCY (HZ)	दिनांक/DATE	FVI	दिनांक/DATE
अधिकतम/MAXIMUM	50.31	24-JAN-2025 14:04:00	0.07	11-JAN-2025
न्यूनतम/MINIMUM	49.6	05-JAN-2025 09:16:00	0	21-JAN-2025
औसत/AVERAGE	50		0.04	

<b>b) माह के लिए आवृत्ति वितरण/FREQUENCY DISTRIBUTION FOR THE MONTH</b>			
% समय आवृत्ति/% TIME FREQUENCY	< 49.9	49.90-50.05	>50.05
	24.11	5.65	75.89
			18.45

<b>VI) माह के लिए बिजली आपूर्ति की स्थिति/POWER SUPPLY POSITION FOR THE MONTH</b>										
	अरुणाचल प्रदेश/ARUNACHAL PRADESH	असम / ASSAM	मणिपुर /MANIPUR	मेघालय/MEGHALAYA	मिज़ोरम /MIZORAM	नागालैंड / NAGALAND	त्रिपुरा/TRIPURA (incl. Bangladesh)	त्रिपुरा/TRIPURA (excl. Bangladesh)	क्षेत्र/REGION (incl. Bangladesh)	क्षेत्र/REGION (excl. Bangladesh)
PEAK DEMAND (MW)	195.53	1581.01	267	392.542	167.87	171.7	295.01	233.59	3008	2941
PEAK DEMAND MET (MW)	195.53	1561.01	267	392.54	167.87	158.7	295.01	233.59	3008	2941
ENERGY REQUIREMENT (MU)	94.58	843.71	114.28	203.76	69.78	74.52	166.79	128.309	1538.59	1577.07
ENERGY AVAILABILITY (MU)	94.70	852.52	114.28	204.28	69.97	74.54	166.79	128.31	1538.59	1577.07

<b>(VII) सीमा पार आदान-प्रदान/CROSS-BORDER EXCHANGES</b>		MU
Bangladesh Drawal		38.48
Myanmar Drawal		0.67
<b>(VIII) आईएसजीएस बिजली उत्पादन/ISGS Generation</b>		MU
Doyang		5.203
Kameng		125.93
Khandong		0
Kopili		32.712
Kopili Stg II		11.915
Loktak		66.888
Pare		6.637
Rangamati		8.895
Turlal		10.241
BgTPP		363.695
AGBPP		143.88
AGTCCPP		39.719
Momarchak Gas		48.07
Palatna		312.215
Momarchak Solar		0.475

**IX. महत्वपूर्ण घटनाएँ/IMPORTANT EVENTS****a) नई उत्पादन इकाइयों को चालू करना/COMMISSIONING OF NEW GENERATING UNITS**

SL.NO.	STATE/ISGS	STATION NAME	UNIT	CAPACITY (MW)	TYPE	DATE
NIL						

**b) नई ट्रांसमिशन लाइनों को चालू करना/COMMISSIONING OF NEW TRANSMISSION LINES**

SL.NO.	CONSTITUENT	ICT/LINE NAME & CKT NO.	KV	Length (KM)	DATE
1	MSPCL	132 kV Imphal - Ningthoukhong Ckt 2	132	32.525	21.01.25
2	MSPCL	132 kV Imphal - Ningthoukhong Ckt 3	132	32.525	21.01.25
3	AEGCL	220kV Salakati - Rangia I	220	164	23.01.25
4	AEGCL	220kV Salakati - Rangia II	220	164	18.01.25

**c) नये सबस्टेशनों का चालू होना/COMMISSIONING OF NEW SUBSTATIONS**

SL.NO.	CONSTITUENT	STATION NAME	KV RATIO	CAPACITY (MVA)	DATE
NIL					

**d) रिएक्टरों को चालू करना/COMMISSIONING OF REACTORS**

SL.NO.	CONSTITUENT	STATION/LINE NAME	BUS/LINE	CAPACITY (MVAR)	DATE
NIL					

3. जनवरी, 2025 माह के लिए आवृत्ति प्रोफाइल/FREQUENCY PROFILE FOR THE MONTH OF JAN,2025								
DATE	MAX	MIN	AVG	<49.9	49.9-50.05	>50.05	FVI	STD_DEV
01-01-25	50.3	49.79	50.01	3.92	75.27	20.8	0.04	0.063
02-01-25	50.3	49.68	50	5.94	74.95	19.1	0.05	0.071
03-01-25	50.19	49.67	49.99	6.96	76.28	16.75	0.044	0.066
04-01-25	50.18	49.7	49.99	9.73	72.88	17.37	0.053	0.071
05-01-25	50.23	49.6	50.01	6.85	63.37	29.77	0.069	0.082
07-01-25	50.25	49.8	50.02	1.98	76.24	21.77	0.027	0.049
08-01-25	50.23	49.81	50.02	1.57	76.71	21.7	0.028	0.05
09-01-25	50.19	49.82	50.01	1.12	78.63	20.23	0.024	0.047
10-01-25	50.24	49.68	49.99	7.14	77.87	14.98	0.035	0.059
11-01-25	50.23	49.6	49.97	14.63	73.99	11.37	0.072	0.079
12-01-25	50.22	49.67	50.01	5.35	69.99	24.65	0.049	0.069
13-01-25	50.24	49.63	50.01	5.47	71.03	23.48	0.05	0.07
14-01-25	50.3	49.84	50.02	3.46	66.11	30.42	0.043	0.063
15-01-25	50.23	49.83	50	3.02	82.59	14.38	0.026	0.051
16-01-25	50.21	49.86	50	2.22	80.07	17.7	0.025	0.05
17-01-25	50.21	49.77	50.01	4.72	72.89	22.37	0.035	0.059
18-01-25	50.22	49.85	50	2.43	82.03	15.53	0.026	0.051
19-01-25	50.27	49.83	50	1.92	80.54	17.52	0.027	0.052
20-01-25	50.27	49.84	50.01	3.43	72.57	23.99	0.035	0.059
21-01-25	49.99	49.99	49.99	0	0.01	0	0.001	0
22-01-25	50.18	49.81	49.99	6.34	85.05	8.61	0.029	0.052
23-01-25	50.23	49.84	50.01	1.11	79.24	19.65	0.026	0.05
24-01-25	50.31	49.81	50	2.73	80.8	16.46	0.031	0.056
25-01-25	50.18	49.63	49.99	6.3	77.52	16.17	0.042	0.064
26-01-25	50.31	49.78	50.01	2.5	80.8	2.79	0.036	0.059
27-01-25	50.19	49.8	50	4.77	80.31	14.92	0.029	0.053
28-01-25	50.18	49.64	49.98	11.03	77.33	11.63	0.047	0.066
29-01-25	50.19	49.66	50	3.74	82.38	13.87	0.032	0.057
30-01-25	50.24	49.64	49.98	14.97	69.35	15.67	0.069	0.081
31-01-25	50.25	49.71	49.99	10.75	73.6	15.64	0.057	0.074
AVERAGE	50.23	49.75	50.00	5.20	73.68	17.31	0.04	0.06
MAXIMUM	50.31	24-01-25 14:01:00				11-01-25 14:01:00	0.072	0.082
MINIMUM	49.6	05-01-25 09:07:30				21-01-25 00:00:00	0.001	0

**4. जनवरी, 2025 महीने के लिए 400 केवी और उससे अधिक वोल्टेज प्रोफाइल/400 kV AND ABOVE VOLTAGE PROFILE FOR THE MONTH OF JAN, 2025**

Sl. No.	Name of 400 kV Node	Name of State in which located	Voltage below 380 kV (in %)	Voltage within 380 kV & 420 kV (in %)	Voltage above 420 kV (in %)	Voltage Deviation Index( outside IEGC range) in %	Total no. of Hours outside IEGC range	Maximum in kV	Minimum in kV	Average in kV
1	AZARA - 400KV	ASSAM	0	100	0	0	0	413	396	407
2	BALIPARA - 400KV	ASSAM	0	100	0	0	0	416	392	404
3	BISWANATH CHARIALI - 400KV	ASSAM	0	100	0	0	0	416	393	405
4	BONGAIGAON - 400KV	ASSAM	0	100	0	0	0	420	394	408
5	BYRNIHAT (KILLING) - 400KV	MEGHALAYA	0	100	0	0	0	421	401	412
6	BgTTP - 400KV	ASSAM	0	100	0	0	0	419	394	409
7	IMPHAL(PG) - 400KV	MANIPUR	0	100	0	0	0	416	396	407
8	Kameng - 400KV	ARUNACHAL PRADESH	0	100	0	0	0	418	392	404
9	MARIANI (PG) - 400KV	ASSAM	0	100	0	0	0	418	393	407
10	MISA - 400KV	ASSAM	0	100	0	0	0	416	395	404
11	NEW KOHIMA - 400KV	NAGALAND	0	100	0	0	0	418	395	408
12	PALATANA - 400KV	TRIPURA	0	100	0	0	0	414	392	406
13	PK BARI (STERLITE) - 400KV	TRIPURA	0	100	0	0	0	412	391	402
14	RANGANADI - 400KV	ARUNACHAL PRADESH	0	100	0	0	0	416	392	404
15	SILCHAR - 400KV	ASSAM	0	100	0	0	0	419	398	409
16	Surajmaninagar (Sterlite) - 400KV	TRIPURA	0	100	0	0	0	410	391	402

**महीने के लिए 220 केवी और उससे अधिक वोल्टेज प्रोफाइल/220 kV AND ABOVE VOLTAGE PROFILE FOR THE MONTH OF JAN, 2025**

Sl. No.	220 kV नोड का नाम /Name of 220 kV Node	राज्य का नाम जिसमें स्थित है / Name of State in which located	198 केवी से कम वोल्टेज / Voltage below 198 kV (in %)	198 kV और 245 kV के भीतर वोल्टेज / Voltage within 198 kV & 245 kV (in %)	245 kV से अधिक वोल्टेज / Voltage above 245 kV (in %)	वोल्टेज विचलन सूचकांक (आईईजीसी सीमा के बाहर)/ Voltage Deviation Index( outside IEGC range) in %	कुल घंटे में आईईजीसी बैंड के बाहर/ Total no. of Hours outside IEGC range	अधिकतम kV में / Maximum in kV	न्यूनतम kV में / Minimum in kV	औसत kV में / Average in kV
1	AGBPP - 220KV	ASSAM	0	100	0	0	0	233	218	227
2	AGIA - 220KV	ASSAM	0	100	0	0	0	234	217	226
3	AZARA - 220KV	ASSAM	0	100	0	0	0	233	218	226
4	BALIPARA - 220KV	ASSAM	0	100	0	0	0	231	218	225
5	BOKO - 220KV	ASSAM	0	100	0	0	0	233	219	226
6	BONGAIGAON - 220KV	ASSAM	0	100	0	0	0	232	219	226
7	BTPS - 220KV	ASSAM	0	100	0	0	0	233	219	227
8	BYRNIHAT (KILLING) - 220KV	MEGHALAYA	0	100	0	0	0	232	220	226
9	DEOMALI - 220KV	ARUNACHAL PRADESH	0	100	0	0	0	232	218	226
10	DIMAPUR (PG) - 220KV	NAGALAND	0	100	0	0	0	231	218	225
11	JAWAHARNAGAR - 220KV	ASSAM	0	100	0	0	0	233	218	226
12	KOPILI - 220KV	ASSAM	0	100	0	0	0	231	218	224
13	LANGPI - 220KV	ASSAM	0	100	0	0	0	234	217	225
14	MARIANI (AS) - 220KV	ASSAM	0	100	0	0	0	232	218	227
15	MARIANI (PG) - 220KV	ASSAM	0	100	0	0	0	231	219	226
16	MISA - 220KV	ASSAM	0	100	0	0	0	230	219	225
17	MOKOKCHUNG - 220KV	NAGALAND	0	100	0	0	0	235	219	226
18	NTPS - 220KV	ASSAM	0	100	0	0	0	238	218	230
19	RANGIA - 220KV	ASSAM	0	100	0	0	0	236	217	226
20	SALAKATI - 220KV	ASSAM	0	100	0	0	0	232	218	227
21	SAMAGURI - 220KV	ASSAM	0	100	0	0	0	231	217	224
22	SARUSAJAI - 220KV	ASSAM	0	100	0	0	0	233	217	226
23	SONABIL - 220KV	ASSAM	0	100	0	0	0	230	218	224
24	SONAPUR - 220KV	ASSAM	0	100	0	0	0	239	217	224
25	TINSUKIA - 220KV	ASSAM	0	100	0	0	0	237	218	232

महीने के लिए 132 केवी और उससे अधिक वोल्टेज प्रोफाइल 132 kV AND ABOVE VOLTAGE PROFILE FOR THE MONTH OF JAN, 2025

Sl. No.	132 kV नोड का नाम /Name of 132 kV Node	राज्य का नाम जिसमें स्थित है / Name of State in which located	98 केवी से कम वोल्टेज / Voltage below 98 kV (in %)	98 kV और 145 kV के भीतर वोल्टेज Voltage within 98 kV & 145 kV (in %)	145 kV से अधिक वोल्टेज Voltage above 145 kV (in %)	वोल्टेज विचलन सूचकांक (आईईसीसी सीमा के बाहर)/ Voltage Deviation Index( outside IEGC range) in %	कुल घंटे में आईईसीसी बैंड के बाहर/ Total no. of Hours outside IEGC range	अधिकतम kV में Maximum in kV	न्यूनतम kV में Minimum in kV	औसत kV में Average in kV
1	AIZWAL - 132KV	MIZORAM	0	100	0	0	0	139	126	132
2	IMPHAL(PG) - 132KV	MANIPUR	0	100	0	0	0	136	125	132
3	KAHLIPARA - 132KV	ASSAM	0	100	0	0	0	138	125	132
4	NIRJULI - 132KV	ARUNACHAL PRADESH	0	100	0	0	0	136	127	131

5. जनवरी, 2025 महीने के लिए सिस्टम विश्वसनीयता/SYSTEM RELIABILITY FOR THE MONTH OF JAN,2025

टीटीसी उल्लंघन की रिपोर्टिंग/Reporting of TTC Violation					
SI No.	Inter-Regional Corridor	Import or Export	Total No. of Hours during which TTC violation observed In Hrs	Percentage of time TTC violation observed In %	Intimation to Utilities for Corrective action or not
1	NER- Arunachal Pradesh	Import TTC	0	0	YES
2	NER- Assam	Import TTC	0	0	YES
3	NER- Manipur	Import TTC	0.75	0.10	YES
4	NER- Meghalaya	Import TTC	0.72	0.10	YES
5	NER- Mizoram	Import TTC	0	0	YES
6	NER- Nagaland	Import TTC	0	0	YES
7	NER- Tripura	Import TTC	0	0	YES

एटीसी उल्लंघन की रिपोर्टिंग/Reporting of ATC Violation					
SI No.	Inter-Regional Corridor	Import or Export	Total No. of Hours during which ATC violation observed In Hrs	Percentage of time ATC violation observed In %	Intimation to Utilities for Corrective action or not
1	NER- Arunachal Pradesh	Import TTC	0	0	YES
2	NER- Assam	Import TTC	0	0	YES
3	NER- Manipur	Import TTC	0.75	0.10	YES
4	NER- Meghalaya	Import TTC	0.72	0.10	YES
5	NER- Mizoram	Import TTC	0	0	YES
6	NER- Nagaland	Import TTC	0	0	YES
7	NER- Tripura	Import TTC	0	0	YES

आसन्न बसों के बीच कोणीय अंतर की रिपोर्टिंग/Reporting of Angular Difference between adjacent buses						
SI No.	Bus-1(Reference)	Bus-2	Maximum Angular Difference between nodes in Degrees	Number of Hours of Violation of Angular difference limits (+/-30 degree) In Hrs	Percentage of Time of Angular Difference limits violation In %	Intimation to Utilities for Corrective action or not
1	BONGAIGAON - 400KV	PANYOR- 400 kV	9.70	0	0	YES
2	BONGAIGAON - 400KV	BNC - 400KV	5.60	0	0	YES
3	BONGAIGAON - 400KV	Misa - 220KV	5.50	0	0	YES
4	BONGAIGAON - 400KV	Imphal - 132KV	5.80	0	0	YES
5	BONGAIGAON - 400KV	New Kohima - 400KV	5.50	0	0	YES





**7. जनवरी, 2025 महीने के लिए शुद्ध निकासी अनुसूची और वास्तविक निकासी/ NET DRAWAL SCHEDULE AND ACTUAL DRAWAL FOR THE MONTH JAN,2025 -(MU)**

दिनांक/DATE	अरुणाचल प्रदेश/ARUNACHAL PRADESH		असम /ASSAM		मणिपुर /MANIPUR		मेघालय/MEGHALAYA		मिज़ोरम /MIZORAM		नागालैंड /NAGALAND		त्रिपुरा /TRIPURA	
	Net Schd	Act. Drawal	Net Schd	Act. Drawal	Net Schd	Act. Drawal	Net Schd	Act. Drawal	Net Schd	Act. Drawal	Net Schd	Act. Drawal	Net Schd	Act. Drawal
01-Jan-2025	2.97	2.31	19.46	19.41	3.94	3.83	5.64	5.43	1.68	1.35	2.49	2.45	3.42	3.34
02-Jan-2025	2.95	2.53	19.54	21.78	3.9	3.39	5.58	4.68	1.51	0.87	2.36	2.01	3.3	2.94
03-Jan-2025	2.96	2.81	20.24	20.83	3.96	3.85	5.44	5.38	1.64	1.43	2.36	2.33	3.23	3.02
04-Jan-2025	2.95	2.65	20.2	20.96	3.93	3.83	5.25	5.26	1.83	1.74	2.36	2.35	3.24	3.35
05-Jan-2025	2.94	2.61	19.43	19.64	3.92	3.9	5.64	5.5	1.72	1.46	2.27	2.26	2.92	2.98
06-Jan-2025	2.83	3.06	20.28	20.68	3.95	3.82	5.24	5.28	1.81	1.63	2.33	2.29	3.19	3.11
07-Jan-2025	2.91	2.56	20.66	24.94	3.73	1.41	5.06	4.22	1.82	1.36	2.28	1.95	3.26	2.82
08-Jan-2025	3.04	2.9	19.27	19.78	3.9	3.6	5.53	5.38	1.86	1.7	2.41	2.39	3.54	3.67
09-Jan-2025	2.97	2.81	20.98	21.46	3.97	3.68	5.07	4.91	1.91	1.75	2.35	2.14	3.48	3.61
10-Jan-2025	2.94	2.93	20.85	20.92	4.08	4.15	5.07	4.82	1.97	1.75	2.31	2.32	3.44	3.55
11-Jan-2025	2.91	2.91	20.69	20.97	3.82	3.9	5.52	5.35	1.95	1.84	2.34	2.37	3.37	3.29
12-Jan-2025	3.03	2.67	19.43	19.97	3.97	3.33	5.73	5.61	1.73	1.55	2.4	2.38	3.25	3.41
13-Jan-2025	2.96	2.38	19.61	19.72	3.83	3.77	5.06	4.89	1.9	1.78	2.42	2.39	3.48	3.73
14-Jan-2025	3.26	3.05	17.81	17.89	3.98	3.97	5.18	5.14	1.91	1.81	2.43	2.42	3.4	3.39
15-Jan-2025	3.04	3.1	17.47	17.79	4.07	4	4.91	4.7	1.91	1.83	2.42	2.41	3.28	3.34
16-Jan-2025	3.05	2.86	19.35	19.66	3.98	3.45	5.32	5.19	1.91	1.87	2.44	2.41	3.28	3.4
17-Jan-2025	2.9	2.85	19.94	20.38	3.9	3.78	4.71	4.73	1.82	1.68	2.41	2.26	3.35	3.39
18-Jan-2025	2.92	2.7	20.27	20.56	3.91	3.85	4.94	4.85	1.94	2.03	2.45	2.24	3.36	3.37
19-Jan-2025	2.93	2.85	18.91	19.43	4.07	3.75	5.4	5.41	1.71	1.7	2.41	2.28	3.25	3.01
20-Jan-2025	2.87	2.75	20.3	20.91	3.83	3.87	5.15	5.09	1.88	1.69	2.4	2.37	3.24	3.21
21-Jan-2025	3.23	3.6	20.88	21.28	3.71	3.67	5.22	4.93	1.9	1.58	2.41	2.4	3.34	3.28
22-Jan-2025	3.32	3.14	21.13	21.63	3.72	3.61	5.42	5.48	1.89	1.77	2.45	2.41	3.4	3.42
23-Jan-2025	3.24	3.06	21.42	21.94	3.74	3.8	5.53	5.49	1.87	1.75	2.35	2.33	3.51	3.49
24-Jan-2025	3.26	3.31	23.07	23.42	3.87	3.93	5.58	5.52	1.93	1.96	2.38	2.39	3.54	3.49
25-Jan-2025	3.19	3.16	23.93	23.88	3.8	3.67	5.46	5.46	1.98	1.87	2.43	2.39	3.34	3.49
26-Jan-2025	2.89	3.02	19.26	19.51	3.7	3.78	5.64	5.54	1.69	1.69	2.32	2.35	3.37	3.38
27-Jan-2025	3.09	3.09	20.41	21.15	3.68	3.6	5.66	5.59	1.93	1.83	2.4	2.4	2.94	3.17
28-Jan-2025	3.3	3.29	22.5	22.73	3.78	3.63	5.66	5.61	1.96	1.93	2.41	2.4	2.85	2.9
29-Jan-2025	3.26	3.33	22.31	22.87	3.78	3.84	6.03	5.81	2	1.97	2.43	2.43	2.82	3.2
30-Jan-2025	3.12	3.42	23.99	24.32	3.59	3.71	5.53	5.5	1.86	1.93	2.32	2.34	2.59	3.49
31-Jan-2025	3.44	3.17	23.73	24.07	3.85	3.91	5.8	5.62	2.09	1.95	2.43	2.43	3.05	3.43
<b>TOTAL</b>	<b>94.67</b>	<b>90.88</b>	<b>637.32</b>	<b>654.48</b>	<b>119.86</b>	<b>114.28</b>	<b>166.97</b>	<b>162.37</b>	<b>57.51</b>	<b>53.05</b>	<b>73.97</b>	<b>72.29</b>	<b>101.03</b>	<b>102.67</b>

**8. माह जनवरी, 2025 के लिए पात्रता/ENTITLEMENT FOR THE MONTH JAN, 2025 - (MU)**

दिनांक/DATE	अरुणाचल प्रदेश/ARUNACHAL PRADESH	असम / ASSAM	मणिपुर / MANIPUR	मेघालय /MEGHALAYA	मिज़ोरम / MIZORAM	नागालैंड / NAGALAND	त्रिपुरा /TRIPURA
01-JAN-2025	2.66	30.63	3.25	4.28	2.06	2.50	5.09
02-JAN-2025	2.61	30.18	3.20	4.21	2.01	2.46	4.90
03-JAN-2025	2.58	30.20	3.19	4.18	2.01	2.45	4.88
04-JAN-2025	2.58	30.13	3.20	4.20	2.02	2.46	4.92
05-JAN-2025	2.57	28.43	3.17	4.07	2.01	2.44	4.92
06-JAN-2025	2.64	28.49	3.22	4.22	2.02	2.44	4.93
07-JAN-2025	2.39	27.75	3.07	4.00	1.92	2.34	4.75
08-JAN-2025	2.53	30.41	3.39	4.52	2.16	2.56	5.04
09-JAN-2025	2.56	30.67	3.46	4.62	2.19	2.57	5.16
10-JAN-2025	2.54	30.71	3.45	4.60	2.19	2.55	5.13
11-JAN-2025	2.54	30.47	3.46	4.61	2.18	2.54	5.15
12-JAN-2025	2.48	30.57	3.49	4.60	2.20	2.54	5.27
13-JAN-2025	2.55	30.69	3.48	4.66	2.20	2.55	5.21
14-JAN-2025	2.52	30.97	3.52	4.73	2.24	2.61	5.28
15-JAN-2025	2.49	30.99	3.50	4.69	2.23	2.61	5.20
16-JAN-2025	2.56	31.25	3.49	4.69	2.24	2.65	5.17
17-JAN-2025	2.51	30.60	3.41	4.56	2.18	2.59	5.07
18-JAN-2025	2.55	30.88	3.44	4.60	2.20	2.62	5.09
19-JAN-2025	2.53	31.07	3.28	4.61	2.20	2.61	5.10
20-JAN-2025	2.49	30.91	3.26	4.58	2.19	2.60	5.06
21-JAN-2025	2.49	30.80	3.06	4.51	2.16	2.56	4.97
22-JAN-2025	2.53	30.83	3.16	4.58	2.19	2.60	5.08
23-JAN-2025	2.48	30.03	3.22	4.52	2.16	2.58	5.03
24-JAN-2025	2.50	30.40	3.26	4.53	2.19	2.60	5.10
25-JAN-2025	2.48	30.33	3.21	4.51	2.16	2.58	5.05
26-JAN-2025	2.18	26.71	2.83	3.89	1.89	2.32	4.71
27-JAN-2025	2.35	29.10	2.99	4.14	1.99	2.38	4.55
28-JAN-2025	2.49	30.71	3.19	4.48	2.13	2.50	4.60
29-JAN-2025	2.50	30.59	3.20	4.48	2.13	2.49	4.60
30-JAN-2025	2.35	29.00	2.83	3.87	1.83	2.13	3.22
31-JAN-2025	2.70	30.64	3.18	4.50	2.11	2.48	4.55
<b>TOTAL</b>	<b>77.91</b>	<b>935.13</b>	<b>101.05</b>	<b>137.21</b>	<b>65.60</b>	<b>77.92</b>	<b>152.78</b>

**9. जनवरी, 2025 माह के लिए अधिकतम मांग/MAXIMUM DEMAND (in MW) FOR THE MONTH JAN, 2025**

दिनांक/DATE	अरुणाचल प्रदेश/ARUNACHAL PRADESH	असम / ASSAM	मणिपुर / MANIPUR	मेघालय /MEGHALAYA	मिज़ोरम / MIZORAM	नागालैंड / NAGALAND	त्रिपुरा /TRIPURA	क्षेत्र/NER
01-JAN-2025	171	1391	240	321	125	145	246	2576
02-JAN-2025	172	1584	259	359	120	160	233	2858
03-JAN-2025	176	1529	250	375	145	169	252	2891
04-JAN-2025	159	1536	258	407	175	156	231	2802
05-JAN-2025	201	1470	252	342	126	157	214	2691
06-JAN-2025	180	1535	254	363	154	153	217	2785
07-JAN-2025	184	1492	224	374	154	161	227	2731
08-JAN-2025	176	1526	241	364	159	150	234	2838
09-JAN-2025	179	1612	248	373	154	152	231	2907
10-JAN-2025	175	1598	234	372	159	149	236	2840
11-JAN-2025	170	1549	243	377	154	148	231	2801
12-JAN-2025	147	1443	239	395	128	160	223	2648
13-JAN-2025	176	1447	388	378	165	169	230	2882
14-JAN-2025	180	1339	273	373	156	168	206	2658
15-JAN-2025	183	1424	275	376	157	155	229	2767
16-JAN-2025	180	1511	276	374	152	159	229	3000
17-JAN-2025	185	1517	271	367	150	155	228	2863
18-JAN-2025	183	1533	274	375	151	166	231	2878
19-JAN-2025	183	1478	258	354	129	155	224	2755
20-JAN-2025	179	1477	266	358	150	161	220	2759
21-JAN-2025	182	1562	270	376	144	154	227	2783
22-JAN-2025	190	1586	249	387	153	167	226	2909
23-JAN-2025	182	1550	251	390	148	157	230	2877
24-JAN-2025	186	1536	250	370	153	150	235	2893
25-JAN-2025	188	1574	237	381	156	157	228	2907
26-JAN-2025	176	1389	237	376	139	144	220	2601
27-JAN-2025	183	1558	238	393	159	160	263	2902
28-JAN-2025	185	1551	243	386	163	166	245	2896
29-JAN-2025	192	1575	254	395	165	174	233	2943
30-JAN-2025	184	1584	256	382	159	157	233	2920
31-JAN-2025	192	1534	248	378	157	158	227	2876

**10. माह जनवरी, 2025 के लिए खपत/ CONSUMPTION (in MU) FOR THE MONTH JAN, 2025**

दिनांक/DATE	अरुणाचल प्रदेश/ARUNACHAL PRADESH	असम / ASSAM	मणिपुर / MANIPUR	मेघालय /MEGHALAYA	मिज़ोरम / MIZORAM	नागालैंड / NAGALAND	त्रिपुरा /TRIPURA	क्षेत्र/NER
01-JAN-2025	2.45	25.59	3.83	6.21	1.9	2.52	4.13	46.63
02-JAN-2025	2.66	28.1	3.39	5.53	1.57	2.09	3.68	47.02
03-JAN-2025	2.94	27.09	3.85	6.46	2.11	2.41	4.05	48.91
04-JAN-2025	2.78	27.49	3.83	6.43	2.23	2.42	4.13	49.31
05-JAN-2025	2.74	26.07	3.9	6.31	1.96	2.33	3.81	47.12
06-JAN-2025	3.19	27.05	3.82	6.66	2.18	2.37	3.92	49.19
07-JAN-2025	2.69	30.99	1.41	5.74	1.9	2.03	3.37	48.13
08-JAN-2025	3.03	25.52	3.6	6.5	2.5	2.42	4.11	47.68
09-JAN-2025	2.93	27.45	3.68	6.64	2.58	2.2	4.31	49.79
10-JAN-2025	3.06	27.28	4.15	6.25	2.31	2.39	4.08	49.52
11-JAN-2025	3.03	27.6	3.9	6.78	2.37	2.44	4.04	50.16
12-JAN-2025	2.79	26.73	3.33	6.74	2.02	2.45	4.04	48.1
13-JAN-2025	2.5	26.37	3.77	6.61	2.25	2.48	4.32	48.3
14-JAN-2025	3.17	24.43	3.97	6.53	2.31	2.49	4.05	46.95
15-JAN-2025	3.22	24.64	4	6.52	2.34	2.48	3.96	47.16
16-JAN-2025	2.98	26.39	3.45	6.53	2.63	2.48	4.14	48.6
17-JAN-2025	2.97	27.09	3.78	6.47	2.41	2.33	4.18	49.23
18-JAN-2025	2.82	27.33	3.85	6.51	2.5	2.31	4.11	49.43
19-JAN-2025	2.97	26.26	3.75	6.3	2.21	2.35	3.79	47.63
20-JAN-2025	2.87	27.64	3.87	6.65	2.13	2.44	3.89	49.49
21-JAN-2025	3.72	27.96	3.67	6.46	2.02	2.47	4.02	50.32
22-JAN-2025	3.26	28.1	3.61	6.9	2.28	2.48	4.04	50.67
23-JAN-2025	3.18	28.34	3.8	6.97	2.22	2.39	4.09	50.99
24-JAN-2025	3.42	28.13	3.93	6.93	2.52	2.46	4.07	51.46
25-JAN-2025	3.27	28.25	3.67	7.13	2.57	2.46	4.2	51.55
26-JAN-2025	3.13	25.76	3.78	7.1	2.17	2.42	3.18	47.54
27-JAN-2025	3.2	27.07	3.6	7.08	2.29	2.47	4.24	49.95
28-JAN-2025	3.4	28.01	3.63	7.02	2.31	2.47	4.23	51.07
29-JAN-2025	3.44	28.33	3.84	7.2	2.36	2.5	4.45	52.12
30-JAN-2025	3.53	27.99	3.71	7.27	2.4	2.41	4.46	51.77
31-JAN-2025	3.28	27.89	3.91	6.9	2.36	2.5	4.15	50.99
AVG	3.05	27.19	3.69	6.62	2.26	2.40	4.04	49.25
MAX	3.72	30.99	4.15	7.27	2.63	2.52	4.46	52.12
MIN	2.45	24.43	1.41	5.53	1.57	2.03	3.18	46.63

IV)घटकों का प्रदर्शन/PERFORMANCE OF CONSTITUENTS

11. उत्पादन स्टेशनों/इकाइयों द्वारा उत्पन्न ऊर्जा  
जनवरी, 2025 के दौरान उत्तर पूर्वी क्षेत्र/ENERGY GENERATED BY GENERATING STATIONS / UNITS IN  
NORTH EASTERN REGION DURING JAN,2025

**ARUNACHAL PRADESH**

SL	GENERATING	EFFECTIVE INSTALLED	ENERGY GENERATION		
NO.	STATION	CAPACITY (MW)	JAN 2025	April-2024 JAN 2025	
<b>HYDRO</b>					
1	DIKSHI HEP	3*8	24	3.703	87.103
<b>TOTAL</b>			24	3.703	87.103
<b>TOTAL ARUNACHAL PRADESH</b>			24	3.703	87.103

**ASSAM**

SL	GENERATING	EFFECTIVE INSTALLED	ENERGY GENERATION		
NO.	STATION	CAPACITY (MW)	JAN 2025	April-2024 JAN 2025	
<b>HYDRO</b>					
1	Karbi Langpi	2*50	100	14.656	388.081
2	Champavati / HHPCPL	2*2.025	4.05	0.478	7.171
3	Myntreng	3*3+3*1.5	13.5	2.694	40.277
<b>TOTAL</b>			117.55	17.828	435.529
<b>GAS/NAPTHA/DIESEL</b>					
1	LRPP	7*9.965	69.8	40.836	372.817
2	LTPS	3*20+1*20.4	80.4	35.447	367.328
3	NRPP	1*62.5+1*36.15	98.65	54.636	628.14
4	NTPS	1*17+1*15+1*9	41	13.971	95.382
<b>TOTAL</b>			289.85	144.89	1463.667
<b>SOLAR</b>					
1	Azure Solar_Boko	1*25	25	3.041	38.381
2	Azure Solar_Nagaon	1*15	15	2.121	21.575
3	Azure Solar_Pailapool	1*25	25	4.316	40.642
4	Azure Solar_Rowta	1*25	25	3.712	37.887
5	CALCOM Solar	1*20	20	2.366	9.998
6	Maheshwari Mining Solar	1*10	10	0.791	8.245
7	Patanjali Ayurved Solar	1*4	4	0.309	1.066
8	Suryatap	1*5	5	0.505	5.075
9	Solar park Amguri	1*70	70	9.331	91.099
<b>TOTAL</b>			199	26.492	253.968
<b>TOTAL ASSAM</b>			606.4	189.21	2153.164

## MEGHALAYA

SL NO.	GENERATING STATION	EFFECTIVE INSTALLED		ENERGY GENERATION	
		CAPACITY (MW)		JAN 2025	April-2024 JAN 2025
<b>HYDRO</b>					
1	GANOL HEP		0	1.502	58.378
2	Myntdu Leshka	3*42	126	5.456	353.489
3	New Umtru	2*20	40	8.399	172.042
4	Umiam Stage I	4*9	36	6.092	99.848
5	Umiam Stage III	2*30	60	7.762	81.243
6	Umiam Stage IV	2*30	60	8.503	132.129
7	Lakroh	1*1.5	1.5	0.097	3.891
8	Sonapani	1*1.5	1.5	0.402	5.855
9	Umiam Stage II	2*10	20	3.178	52.017
10	Umtru	4*2.8	11.2	0	0
<b>TOTAL</b>			356.2	41.391	958.892
<b>THERMAL</b>					
1	Adhunik	1*25	25	0	0
2	MPL	1*8+1*43	51	0	0
3	Maithan Alloys Ltd	1*15	15	0	0
4	Shyam Century	1*13.8	13.8	0	0
<b>TOTAL</b>			104.8	0	0
<b>TOTAL MEGHALAYA</b>			461.15	41.391	958.892

## MIZORAM

SL NO.	GENERATING STATION	EFFECTIVE INSTALLED		ENERGY GENERATION	
		CAPACITY (MW)		JAN 2025	April-2024 JAN 2025
<b>HYDRO</b>					
1	Serlui B	4*3	12	2.437	13.817
<b>TOTAL</b>			12	2.437	13.817
<b>THERMAL</b>					
1	Bairabi	4*5.73+1*17.35	40.27	0	0
<b>TOTAL</b>			40.27	0	0
<b>SOLAR</b>					
1	Vankal Solar	1*20	20	4.0906	31.966
<b>TOTAL MIZORAM</b>			52.27	6.528	45.783

## NAGALAND

SL NO.	GENERATING STATION	EFFECTIVE INSTALLED		ENERGY GENERATION	
		CAPACITY (MW)		JAN 2025	April-2024 JAN 2025
<b>HYDRO</b>					
1	LIKIMRO HEP	3*8	24	2.229	71.537
<b>TOTAL</b>			24	2.229	71.537
<b>TOTAL NAGALAND</b>			24	2.229	71.537

## TRIPURA

SL NO.	GENERATING STATION	EFFECTIVE INSTALLED		ENERGY GENERATION	
		CAPACITY (MW)		JAN 2025	April-2024 JAN 2025
<b>HYDRO</b>					
1	Gumti	3*5	15	0	4.294
<b>TOTAL</b>			15	0	4.294
<b>GAS/NAPHTHA/DIESEL</b>					
1	Baramura	1*6.5+2*5+2*21	58.5	0	3.422
2	Rokhia	6*8+3*21	111	13.688	154.339
<b>TOTAL</b>			169.5	13.688	157.761
<b>TOTAL TRIPURA</b>			184.5	13.688	162.055

## CENTRAL SECTOR

SL	GENERATING	EFFECTIVE INSTALLED	ENERGY GENERATION		
NO.	STATION	CAPACITY (MW)	JAN 2025	April-2024 JAN 2025	
<b>THERMAL</b>					
<b>COAL/LIGNITE</b>					
1	BgTPP	3*250	750	363.695	3716.617
<b>TOTAL</b>			750	363.695	3716.617
<b>HYDEL</b>					
1	Doyang	3*25	75	5.203	206.22
2	Kameng	4*150	600	125.93	2493.826
3	Khandong	2*25	50	0	0
4	Kopili	4*50	200	32.712	494.087
5	Kopili Stg II	1*25	25	11.915	150.049
6	Loktak	3*35	105	66.888	638.714
7	Pare	2*55	110	6.637	360.778
8	Ranganadi	3*135	405	8.095	1016.425
9	Turial	2*30	60	10.241	226.363
<b>TOTAL</b>			1630	267.621	5586.462
<b>GAS/NAPHTHA/DIESEL</b>					
1	AGBPP	6*33.5+3*30	291	143.08	1272.667
2	AGTCCPP	4*21+2*25.5	135	39.719	456.549
3	Monarchak Gas	1*65.42+1*35.58	101	48.07	382.922
4	Palatana	2*232.2+2*131.1	726.6	312.215	3073.22
<b>TOTAL</b>			1253.6	543.084	5185.358
<b>SOLAR</b>					
1	Monarchak Solar	1*5	5	0.475	4.714
<b>TOTAL</b>			5	0.475	4.714
<b>TOTAL STATE SECTOR</b>			1352.32	256.708	3478.23
<b>TOTAL CENTRAL SECTOR</b>			3638.6	1174.875	14493.151

V) जलाशय विवरण/ RESERVOIR PARTICULARS							
Sl No.	NAME OF RESERVOIR	MDDL (M)	FRL (M)	LEVEL (M) as on 1st	ENERGY(MU's) as on 1st	LEVEL (M) as on 31st	ENERGY(MU's) as on 31st
1	Doyang	306	333	315.5	14	312.9	10
2	Gumti	83.6	93.55	0	0	-	-
3	Kameng	764.5	770	768.56	-	769.49	-
4	Khandong	704.26	727.3	720.81	0	-	-
5	Kopili	592.8	609.6	607.65	86	607.95	88
6	Loktak	766.2	769	767.98	113	767.38	50
7	Pare	240	245.15	242.87	-	241.43	-
8	Ranganadi	560	567	566.54	-	545.29	-
9	Umiam	960.12	981.43	980.78	48	979.56	43

VI) a) ग्रिड गड़बड़ी का संक्षिप्त विवरण/BRIEF DESCRIPTION OF GRID DISTURBANCES:-												
Sl.No.	Region	Name of Element	Owner / Agency	Date and Time of Tripping	Date and Time of Restoration	Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Generation Loss in MU	Load Loss in MU	Category as per CEA Grid Standards
1	NER	Napit and Niglok areas of Arunachal Pradesh Power System	DoP,AP	07-01-2025 22:25	08-01-2025 13:12	14:47:00	Napit and Niglok areas of Arunachal Pradesh Power System were connected with rest of NER Grid via 132 kV Pasighat- Napit D/C Lines.  At 22:25 Hrs of 07-01-2025, 132 kV Pasighat-Napit D/C Lines tripped. Due to tripping of these elements, Napit and Niglok areas of Arunachal Pradesh Power System were isolated from NER Grid and collapsed due to no source available in these areas.  Power supply was extended to Napit and Niglok areas of Arunachal Pradesh Power System by charging 132 kV Pasighat-Napit line 1 at 13:12 Hrs of 08.01.2025	0	5	0	0.24%	GD I
2	NER	Daporijo area of Arunachal Pradesh Power System	DoP,AP	13-01-2025 15:45	13-01-2025 17:27	01:42:00	Daporijo area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Daporijo-Basar line. 132 kV Ziro – Daporijo line tripped at 15:00 Hrs of 13-01-2025.  At 15:45 Hrs of 13-01-2025, 132 kV Daporijo-Basar line tripped. Due to tripping of this element, Daporijo area of Arunachal Pradesh Power System got isolated from NER Grid and collapsed due to no source available in this area  Power supply was extended to Daporijo area of Arunachal Pradesh Power System by charging 132 kV Ziro – Daporijo line at 17:27 Hrs of 13-01-2025.	0	3	0	0.14%	GD I
3	NER	Leshka HEP of Meghalaya Power System	MePTCL	20-01-2025 09:16	20-01-2025 09:36	00:20:00	Leshka HEP of Meghalaya Power System was connected with rest of NER Grid via 132kV Mynkre-Myntdu Leshka D/C lines  At 09:16 Hrs of 20-01-2025, 132kV Mynkre-Myntdu Leshka D/C lines tripped. Due to tripping of these elements, Leshka HEP area of Meghalaya Power System was isolated due to loss of evacuation path. Also, during the same time Umiam sgl Unit 1, Unit 2 and Unit 4 also tripped.  Power supply was extended to Leshka HEP of Meghalaya Power System by charging 1132kV Mynkre-Myntdu Leshka 1 line at 09:36 Hrs of 20-01-2025.	62	0	2.71%	0.00%	GD I
4	NER	Along area of Arunachal Pradesh Power System	DoP,AP	23-01-2025 18:36	23-01-2025 19:27	00:51:00	Along area of Arunachal Pradesh Power System was connected with rest of NER Grid through 132 kV Along-Basar & 132 kV Along-Pasighat lines  At 18:36 Hrs of 23-01-2025, 132 kV Along-Pasighat and 132kV Along-Basar line tripped. Due to tripping of these elements, Along area of Arunachal Pradesh Power System got isolated from NER Grid and collapsed due to no source available in this area  Power supply was extended to Along area of Arunachal Pradesh Power System by charging 132 kV Along-Pasighat line at 19:27 Hrs of 23-01-2025	0	5	0	0.18%	GD I

b) ग्रिड घटनाओं का संक्षिप्त विवरण/ BRIEF DESCRIPTION OF GRID INCIDENTS:-												
Sl.No.	Region	Name of Element	Owner / Agency	Date and Time of Tripping	Date and Time of Restoration	Outage Duration	Event	Generation Loss (MW)	Load Loss (MW)	Generation Loss in MU	Load Loss in MU	Category as per CEA Grid Standards
Nil												



जनवरी, 2025 माह के लिए अंतरराज्यीय और अंतरक्षेत्रीय लाइन प्रवाह/INTER STATE & INTER REGIONAL LINE FLOWS FOR THE MONTH JAN, 2025						
Sl No	NAME OF THE LINE	END	Import (MU)	Maximum Power Flow (MW)	Export (MU)	Maximum Power Flow (MW)
1	132KV-RANGIA-MOTONGA	MOTONGA	0.84	21	1.82	50
2	132KV-SALAKATI-GELEPHU	GELEPHU	0	0	12.48	42
3	220KV-SALAKATI-ALIPURDUAR-1	ALIPURDUAR-1	0	0	19.06	62
4	220KV-SALAKATI-ALIPURDUAR-2	ALIPURDUAR-2	0	0	18.68	62
5	400KV-BONGAIGAON-ALIPURDUAR-1	ALIPURDUAR-1	0.81	178	79.56	342
6	400KV-BONGAIGAON-ALIPURDUAR-2	ALIPURDUAR-2	0.79	178	80.14	342
7	400KV-BONGAIGAON-NEW SILIGURI-1	SILIGURI-1	1.77	140	41.54	206
8	400KV-BONGAIGAON-NEW SILIGURI-2	SILIGURI-2	1.32	118	41.48	205
9	HVDC800KV-BISWANATH CHARIALI-AGRA POLE-1 & POLE-2	AGRA	464.98	669	0	0