



GRID CONTROLLER OF INDIA (GRID-INDIA)
NORTH EASTERN REGIONAL LOAD DESPATCH CENTRE
DAILY OPERATION REPORT OF NORTH EASTERN REGION

Power Supply Position in NORTH EASTERN Region For 30-Mar-2025

Date of Reporting:31-Mar-2025

1. Regional Availability/Demand:

Evening Peak (19:00) MW				Off-Peak (03:00) MW				Day Energy(Net MU)	
Demand Met	Shortage	Requirement	Freq (Hz)	Demand Met	Shortage	Requirement	Freq (Hz)	Demand Met	Shortage
2915	0	2915	50.01	2027	0	2027	50.01	57.57	0.17

2(A)State's Load Deals (At State Periphery) in MUs:

State's Control Area Generation (Net MU)							TOTAL STATE	Net SCH	Drawal	UI	Availability	Demand Met	Shortage
STATE	THERMAL	HYDRO	GAS/DIESEL/NAPHTHA	WIND	SOLAR	OTHERS	GENERATION(MU)	(Net Mu)	(Net Mu)	(Net Mu)	(Net MU)	(Net MU)	(Net MU)
ARUNACHAL PRADESH	0	0.1	0	0	0	0	0.1	3.27	3.21	-0.06	3.37	3.31	0
ASSAM	0	0.28	2.71	0	0.88	0	3.87	30.31	30.83	0.52	34.18	34.7	0
MANIPUR	0	0	0	0	0	0	0	2.77	2.71	-0.06	2.77	2.71	0.17
MEGHALAYA	0	0.8	0	0	0	0	0.8	5.36	5.16	-0.2	6.16	5.96	0
MIZORAM	0	0.5	0	0	0.16	0	0.66	1.78	1.69	-0.09	2.44	2.35	0
NAGALAND	0	0.05	0	0	0	0	0.05	2.46	2.42	-0.04	2.51	2.47	0
TRIPURA	0	0	1.75	0	0.02	0	1.77	4.87	5.2	0.33	6.64	6.07	0
Region	0	1.73	4.46	0	1.06	0	7.25	50.82	51.22	0.4	58.07	57.57	0.17

2(B)State's Demand Met in MWs and day energy forecast and deviation particulars

State	Evening Peak (19:00) MW			Off-Peak (03:00) MW			Day Energy(Net MU)	
	Demand Met	Shortage	Requirement at Evening peak	Demand Met	Shortage	Requirement at Off-Peak	ForeCast (LGBR) (mus)	Deviation[Forecast(LGBR)-Consumption] (mus)
ARUNACHAL PRADESH	163	0	163	102	0	102	3.03	-0.28
ASSAM	1726	0	1726	1269	0	1269	33.62	-1.08
MANIPUR	167	0	167	77	0	77	3.03	0.32
MEGHALAYA	315	0	315	204	0	204	6.45	0.49
MIZORAM	106	0	106	51	0	51	2.06	-0.29
NAGALAND	124	0	124	73	0	73	2.53	0.06
TRIPURA	314	0	314	251	0	251	5.8	-0.27
Region	2915	0	2915	2027	0	2027	56.52	-1.05

2(C)State's Demand Met in MWs (maximum demand met and Maximum requirement of the day details)

State	Maximum Demand, corresponding shortage and requirement details for the day				Maximum requirement, corresponding shortage and demand details for the day			
	Maximum Demand Met of the day	Time	Shortage during maximum demand	Requirement at max demand met of the day	Demand Met at maximum requirement	Time	Shortage during maximum Requirement	Maximum Requirement of the day
ARUNACHAL PRADESH	165	19:05	0	165	165	19:05	0	165
ASSAM	1836	18:06	0	1836	1836	18:06	0	1836
MANIPUR	180	18:31	0	180	180	18:31	0	180
MEGHALAYA	327	18:32	0	327	327	18:32	0	327
MIZORAM	111	18:12	0	111	111	18:12	0	111
NAGALAND	140	18:10	0	140	140	18:10	0	140
TRIPURA	314	19:00	0	314	314	19:00	0	314
Region	3039	18:06	0	3039	3039	18:06	0	3039

3(A) State Entities Generation:

ARUNACHAL PRADESH									
Station/Constituents	Inst. Capacity	19:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy	AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	(MU)	
DIKSHI HEP (3*8)	24	4	4	4	08:00	4.1	18:00	0.1	4.17
Total HYDEL	24	4	4	-	-	-	-	0.1	4.17
Total ARUNACHAL PRADESH	24	4	4	-	-	-	-	0.1	4.17

ASSAM									
Station/Constituents	Inst. Capacity	19:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy	AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	(MU)	
KARBI LANGPI HEP (2*50)	100	46	0	46	19:00	0	06:00	0.24	10
MYNTRENG HEP (3*1.5+3*3)	13.5	1	1	1	15:00	1.3	06:00	0.03	1.25
OTHER HYDEL (1*4.05)	4.05	0	0	0	03:00	0	06:00	0.01	0.42
Total HYDEL	117.55	47	1	-	-	-	-	0.28	11.67
LAKWA REPLACEMENT PP (7*9.965)	69.76	55	55	56	23:36	55.14	13:00	1.3	54.17
LAKWA TPS (3*20+1*20.4)	80.4	116	58	119	01:00	54.11	06:00	0.87	36.25
NAMRUP REPLACEMENT PP (1*62.25+1*36.15)	98.4	0	0	0	01:00	0	06:00	0.06	2.5
NAMRUP TPS (1*17+1*15+1*9)	41	20	20	22	23:36	20	06:00	0.48	20
Total GAS/NAPTHA/DIESEL	289.56	191	133	-	-	-	-	2.71	112.92
SOLAR (1*5+1*25+1*25+1*15+1*10+1*70+1*25+1*4+1*20)	199	0	0	150	12:00	0	18:00	0.88	36.67
Total ASSAM	606.11	238	134	-	-	-	-	3.87	161.26

MEGHALAYA									
Station/Constituents	Inst. Capacity	19:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy	AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	(MU)	
PRIVATE GENERATORS (THERMAL) (1*12+1*51)	63	0	0	0	00:00	0	06:00	0	0
Total THERMAL	63	0	0	-	-	-	-	0	0
GANOL HEP (3*7.5)	22.5	0	0	0	00:00	0	06:00	0	0
LAKROH (1*1.5)	1.5	1	0	1	08:00	0	06:00	0	0
MYNDTU LESHKA (3*42)	126	35	0	42	20:00	0	06:00	0.08	3.33
NEW UMTRU (2*20)	40	20	0	36	08:00	0	06:00	0.11	4.58
SONAPANI HEP (1*1.5)	1.5	0	0	1	14:00	0.338	06:00	0.01	0.42
UMIAM ST I (4*9)	36	20	0	26	20:00	0	06:00	0.07	2.92
UMIAM ST II (2*10)	20	11	0	14	20:00	0	06:00	0.04	1.67
UMIAM ST III (2*30)	60	28	0	28	19:00	0	09:00	0.25	10.42
UMIAM ST IV (2*30)	60	30	0	30	19:00	0	10:00	0.24	10
Total HYDEL	367.5	145	0	-	-	-	-	0.8	33.34
Total MEGHALAYA	430.5	145	0	-	-	-	-	0.8	33.34

MIZORAM									
Station/Constituents	Inst. Capacity	19:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy	AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	(MU)	
SERLUI-B (4*3)	12	3	3	3	19:00	3	06:00	0.07	2.92
Tuirial (2*30)	60	20	0	37	17:00	0	06:00	0.17	7.08
OTHER HYDEL (1*3+1*4+1*5+1*1.05+1*5+1*3+1*0.6)	21.65	0	0	0	00:00	0	06:00	0.26	10.83
Total HYDEL	93.65	23	3	-	-	-	-	0.5	20.83
SOLAR (1*20+1*2)	22	0	0	22	13:00	0	06:00	0.16	6.67
Total MIZORAM	115.65	23	3	-	-	-	-	0.66	27.5

NAGALAND									
Station/Constituents	Inst. Capacity	19:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy	AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	(MU)	
LIKIMRO HEP (3*8)	24	0	0	6	18:00	0	10:00	0.05	2.08
Total HYDEL	24	0	0	-	-	-	-	0.05	2.08
Total NAGALAND	24	0	0	-	-	-	-	0.05	2.08

TRIPURA									
Station/Constituents	Inst. Capacity	19:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy	AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	(MU)	
Gumti (3*5)	15	0	0	0	00:00	0	06:00	0	0
Total HYDEL	15	0	0	-	-	-	-	0	0
Baramura (2*21)	42	0	0	0	00:00	0	06:00	0	0
Monarchak(Thermal) (1*65.42+1*35.58)	101	56	56	58	15:00	55.68	06:00	1.32	55
Rokhia (3*21)	63	19	17	19	19:00	16.70	06:00	0.43	17.92
Total GAS/NAPTHA/DIESEL	206	75	73	-	-	-	-	1.75	72.92
SOLAR (1*5)	5	0	0	3	12:00	0	18:00	0.02	0.83
Total TRIPURA	226	75	73	-	-	-	-	1.77	73.75

3(B) Regional Entities Generation

Station/Constituents	Inst. Capacity	19:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy	AVG	Schedule	UI	RRAS
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	(MU)	(MW)	(Mu)	(MU)	Sch
NEEPCO												
Agartala Gas Turbine CCPP (4*21+2*25.5)	135	64	41	64	01:00	38.92	06:00	1.15	47.92	1.08	0.07	-0.05
Assam Gas Based PP (6*33.5+3*30)	291	177	166	188	01:00	144.59	06:00	4.03	167.92	3.57	0.46	-0.16
Doyang HEP (3*25)	75	19	0	19	01:00	0	06:00	0.06	2.5	0.05	0.01	0
Kameng HEP (4*150)	600	453	134	453	19:00	0		3.98	165.83	3.87	0.11	0
Khandong HEP (2*25)	50	0	0	0	0	0	06:00	0	0	0	0	0
Kopili HEP (4*50)	200	200	49	201	02:00	0	06:00	3.36	140	3.41	-0.05	0
Kopili-2 HEP (1*25)	25	26	25	26	09:00	45.8	06:00	0.6	25	0.59	0.01	0
Pare HEP (2*55)	110	111	0	111	20:00	0	06:00	0.73	30.42	0.71	0.02	0
Ranganadi HEP (3*135)	405	220	0	354	08:00	134	08:00	2.2	91.67	2.18	0.02	0
Sub-Total	1891	1270	415	1416	0	1416	0	16.11	671.26	15.46	0.65	-0.21
NHPC												
Loktak HEP (3*35)	105	70	0	70	01:00	0	06:00	0.31	12.92	0.3	0.01	0
Sub-Total	105	70	0	70	0	70	0	0.31	12.92	0.3	0.01	0
NTPC												
Bongaigaon TPP (3*250)	750	422	500	500	06:00	242.96	12:00	8.5	354.17	8.6	-0.1	-0.02
Sub-Total	750	422	500	500	0	500	0	8.5	354.17	8.6	-0.1	-0.02
OTPC												
Palatana (2*232.2+2*131.1)	726.6	479	490	496	03:00	422.1	06:00	10.79	449.58	10.75	0.04	0
Sub-Total	726.6	479	490	496	0	496	0	10.79	449.58	10.75	0.04	0
Total	3472.6	2241	1405					35.71	1487.93	35.11	0.6	-0.23
Station/Constituents	Inst. Capacity	N/A		N/A		Day Peak		Min Generation (06:00-18:00)		Day Energy	AVG. MW	
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	(MU)				
Total ISGS and IPP Thermal	750	422	500					8.5	354.17			
Total State Thermal	63	0	0					0	0			
Total ISGS and IPP Gas	1152.6	720	697					15.97	665.42			
Total State Gas	495.56	266	206					4.46	185.84			
Total ISGS and IPP Hydro	1570	1099	208					11.24	468.34			
Total State Hydro	641.7	219	8					1.73	72.09			
Total Solar Generation	226	0	0					1.06	44.17			

4(A) INTER-REGIONAL EXCHANGES (Import=(+ve) /Export =(-ve))

SL.No.	Element	19:00	03:00	Maximum Interchange (MW)		Import in MU	Export in MU	NET
		(MW)	MW	Import (MW)	Export (MW)			
Import/Export between BHUTAN and NORTH_EAST REGION								
1	132KV-RANGIA-DEOTHANG	3	4	21	0	0.22	-	0.22
2	132KV-RANGIA-MOTONGA	-	-	-	-	-	-	0
3	132KV-SALAKATI-GELEPHU	-17	-9	-	17	-	0.23	-0.23
	Sub-Total BHUTAN	-14	-5	21	17	0.22	0.23	-0.01
Import/Export between EAST REGION and NORTH_EAST REGION								
1	220KV-SALAKATI-ALIPURDUAR-1	-37	-17	0	39	-	0.46	-0.46
2	220KV-SALAKATI-ALIPURDUAR-2	-36	-17	0	39	-	0.45	-0.45
3	400KV-BONGAIGAON-ALIPURDUAR-1	-204	-77	34	221	-	1.79	-1.79
4	400KV-BONGAIGAON-ALIPURDUAR-2	-204	-77	34	220	-	1.78	-1.78
5	400KV-BONGAIGAON-NEW SILIGURI-1	-123	-44	31	134	-	0.98	-0.98
6	400KV-BONGAIGAON-NEW SILIGURI-2	-123	-44	30	134	-	0.98	-0.98
	Sub-Total EAST REGION	-727	-276	129	787	0	6.44	-6.44
Import/Export between NORTH REGION and NORTH_EAST REGION								
1	HVDC800KV-BISWANATH CHARIALI-AGRA	953	952	961	0	23.44	-	23.44
	Sub-Total NORTH REGION	953	952	961	0	23.44	0	23.44
	TOTAL IR EXCHANGE	212	671	1111	804	23.66	6.67	16.99

4(B) Inter Regional Schedule & Actual Exchange (Import=(+ve) /Export =(-ve)) in MU

	ISGS+GNA+URS Schedule	T-GNA Bilateral	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total IR Schedule	Total IR Actual	NET IR UI
NER-ER	11.68	3.32	0.27	1.75	0	0.841	17.08	16.99	-0.09
Total	11.68	3.32	0.27	1.75	0	0.841	17.08	16.99	-0.09

4(C) Inter-National Exchanges with Bangladesh (Import=(+ve) /Export =(-ve)) [Linkwise]

SL.No.	Element	19:00	03:00	Maximum Interchange (MW)		Import in MU	Export in MU	NET
		(MW)	MW	Import (MW)	Export (MW)			
1	132KV-SURAJMANI NAGAR-COMILLA(BANGLADESH)	-17	-17	0	23	-	0.45	-0.45
2	132KV-SURAJMANI NAGAR-COMILLA(BANGLADESH)	-17	-17	0	23	-	0.45	-0.45
	TOTAL INT. EXCHANGE	-34	-34	0	46	0	0.9	-0.9

Peak Hours (19:00)													
State	Bilateral (MW)	IEX GDAM (MW)	IEX DAM (MW)	IEX HPDAM (MW)	IEX RTM (MW)	PXIL GDAM (MW)	PXIL DAM (MW)	PXIL HPDAM (MW)	PXI RTM (MW)	HPX GDAM (MW)	HPX DAM (MW)	HPX HPDAM (MW)	HPX RTM (MW)
ARUNACHAL PRADESH	28.91	-	0	-	-87	-	0	-	0	-	-	-	-
ASSAM	345.39	-	0	-	-220	-	0	-	0	-	-	-	-
MANIPUR	0	-	0	-	0	-	0	-	0	-	-	-	-
TRIPURA	0	-	0	-	27.95	-	0	-	0	-	-	-	-
NAGALAND	0	-	0	-	0	-	0	-	0	-	-	-	-
MEGHALAYA	10.31	-	7.42	-	26.89	-	0	-	0	-	-	-	-
MIZORAM	0	-	-27	-	0	-	0	-	0	-	-	-	-
TOTAL	384.61	0	-19.58	0	-252.16	0	0	0	0	0	0	0	0

Day Energy (MU)							
State	ISGS/LT+MT Schedule	BILT Schedule	GDAM Schedule	DAM Schedule	HPDAM Schedule	RTM Schedule	Total (MU)
ARUNACHAL PRADESH	3.16	0.17	-	0	-	-0.06	3.27
ASSAM	27.57	2.78	-	-0.42	-	0.38	30.31
MANIPUR	2.89	0	-	0	-	-0.12	2.77
TRIPURA	4.35	0	-	0.07	-	0.45	4.87
NAGALAND	2.35	0	-	0.1	-	0.01	2.46
MEGHALAYA	3.39	0.24	-	1.45	-	0.55	5.63
MIZORAM	1.9	0	-	-0.12	-	0	1.78
TOTAL	45.61	3.19	0	1.08	0	1.21	51.09

10(B). Short-Term Open Access Details

State	ISGS/LT+MT Schedule		Bilateral (MW)		IEX GDAM (MW)		PXIL GDAM(MW)		HPX GDAM(MW)		IEX DAM(MW)		PXIL DAM(MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
ARUNACHAL PRADESH	223.6	96.97	28.91	0	0	0	0	0	0	0	0	0	0	0
ASSAM	1394.14	1003.92	345.39	0	0	0	0	0	0	0	0	-135	0	0
MANIPUR	179.76	83.52	0	0	0	0	0	0	0	0	0	0	0	0
MEGHALAYA	239.65	75.88	10.31	10.02	0	-119	0	0	0	0	159.3	-13.58	0	0
MIZORAM	112.62	50.57	0	0	0	0	0	0	0	0	0	-28	0	0
NAGALAND	132.67	81.05	0	0	0	0	0	0	0	0	36.62	-15	0	0
TRIPURA	233.76	150.56	0	0	0	0	0	0	0	0	19.27	0	0	0

State	HPX DAM (MW)		IEX HPDAM(MW)		PXIL HPDAM (MW)		HPX HPDAM (MW)		IEX RTM (MW)		PXIL RTM (MW)		HPX RTM (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
ARUNACHAL PRADESH	0	0	0	0	0	0	0	0	31.8	-87	0	0	0	0
ASSAM	0	0	0	0	0	0	0	0	308.38	-220	0	0	0	0
MANIPUR	0	0	0	0	0	0	0	0	0	-32	0	0	0	0
MEGHALAYA	0	0	0	0	0	0	0	0	34.69	10.41	0	0	0	0
MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NAGALAND	0	0	0	0	0	0	0	0	11.56	-10	0	0	0	0
TRIPURA	0	0	0	0	0	0	0	0	57.82	0	0	0	0	0

12. Significant events (If any):

13. System Constraints (If any)

14. Weather Condition:

Shift In Charge