

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month January, 2024						Day : Friday				Date : 26.01.24					
Probable Maximum Demand : 9700 MW						Probable Maximum Generation : 11416 MW									
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 88.89 ft				Today = 88.65 ft				Rule Curve = 98.40 ft	
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.01.24 (Yesterday)		26.01.24 (Today)		25.01.24 (Yesterday)		26.01.24 (Today)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening						
(A) Plants in operation:															
1	Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0		260		Under project work		
2	a) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage			
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180						
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365		Awaiting for HGPI		
4	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	12	12	12		96		Gas Shortage		
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105		Gas Shortage		
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0						
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	0	0	0	0	0				Contract Expired		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	450	450	450						
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115		Under Overhauling		
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	375	400	412	412						
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0		210		Gas Shortage		
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	333	335	335	335						
13	Meghnaghat 335MW CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	0	0	0	0		335		Gas Shortage		
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	15	15	15						
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	66	86	75	92						
16	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	0	0						
17	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	33	40	40	40						
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	30	33						
19	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	16	28	30	30						
20	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	17	8	17						
21	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	105	17	105						
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	21	98	32	100						
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	17	0	17						
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	80	130	80	130						
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	54	35	54	36						
26	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	17	0	17						
27	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	0	35						
28	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	53	54	53	72						
29	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	35	17	35	17						
30	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	10	0	35	0						
31	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	0	17	0	17						
32	Siddhirganj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	70	76	92	92						
33	Meghnaghat 100 MW(IEL)	HFO (NENP)	12x8.9	100	100	93	75	93	93						
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	65	80	85	85						
35	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	25	16	25	25						
36	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0						
	Meghnaghat Unique Power	Gas				0	0	0	0				Test run		
	Meghnaghat 589 MW CCPP(Summit)	Gas				65	65	100	100				Test run		
Dhaka Zone Total				5655	5062	2109	2433	2288	2557	926	740				
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	76	76	76	76						
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0			180	Under maint.		
39	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	1	0	5	0						
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	17	8	17						
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	8	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	6	6	6						
43	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	17	17	28	17						
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150		Under maint.		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	217	218	220	220						
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	49	106	50	100						
47	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	25	25	25	25						
48	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	51	51	51	51						
49	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	57	73	60	73						
50	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	15	15	15						
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			0	8	10	25						
51	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	12	0	12						
52	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	0	0	0						
53	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	35	17	17						
54	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	25	25	25	25						
55	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	25	25	25	25						
56	Chattogram 116 MW PP (Anlima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	17						
57	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	17	17	17	17						
58	Chattogram 2*612MW Coal Based PP (SS Power	Coal (IPP)	2x612	1224	1224	486	478	400	400	746			Coal Shortage		
	Matarbari 2*600 MW (CPGCL)	Coal		575	575	0	274	360	360				Test run		
	Cox's Bazar Wind PP	(Wind) (IPP)				0	1	10	10				Test run		
Chattogram Zone Total				4404	4344	1135	1496	1445	1508	926	330				
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	48	48	48	48						
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	157	158	160	160		63		Under Maint.		
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0	360			Gas Shortage		
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	325	310	310	310	50			Gas Shortage		
63	Ashuganj 420 MW CCPP(East)	Gas (APSCL)	1x284+1x116	400	400	0	0	0	0	400			Gas Shortage		
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	26	8	26	26						
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51						
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	6	20	6	20						
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	25	25	25	25						
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0		163		Under maint.		
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	24	18	17	17						
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	11	13	13	13						
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	10	10						
72	Jangalia 33 MW PP (Summit))	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33						
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	8	8	8						
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	14	15	15	15						
75	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	0	0						
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	9	115	9	115						
77	Bhairob 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17						
78	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	0	18	0	18						
79	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	48	50	55							

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.01.24 (Yesterday)		26.01.24 (Today)		25.01.24 (Yesterday)		Status of Machines under shut-down/ Maintenance	
							Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
							Day	Evening	Day	Evening	Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
87	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	43	43		27	GT-1 Under maint.		
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	40	40	40	40		50	GT-4 Under maint.		
89	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	52	51	51					
90	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	30	163	163					
91	Hobiganj 11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	0	0	0					
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	57	59	60	60					
93	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.		
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	84	84	84	84					
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0		231	Under maint.		
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	20	15	20	20					
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
98	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16					
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	305	300	310	310	41		Gas Shortage		
100	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.		
101	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	400	350	350	400					
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work		
103	Fenchuganj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	48	46	47	47					
Sylhet Zone Total				2472	2427	1071	1045	1194	1244	41	1138			
104	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0					
105	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage		
106	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	34	15	40					
107	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	33	35	20	40					
108	Khulna 225 MW CCPP	HSD/ Gas (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0					
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	74	75	93	93					
110	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	0	0					
111	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	80	0	100	0					
112	Khulna 115 MW PP (KPCL-2)	HFO (NENP)	7x17	115	115	0	32	16	33					
113	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	8	0	16					
114	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x617	617	617	0	0	0	0					
115	Khulna 330 MW CCPP (GT)	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0					
**	Bheramara (HVDC)	India		1000	1000	861	788	781	926					
Khulna Zone Total				3241	3237	1048	972	1025	1148	410	0			
116	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	0	16					
117	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	4	6	20	20					
118	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	137	129	130	130	65		Gas Shortage		
119	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	622	622	622	622					
120	Potouakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	17	35	17	54					
121	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	200	200	200	200					
122	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220					
Barishal Zone Total				2265	2265	1200	1228	1209	1262	65	0			
123	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage		
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under maint.		
124	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	34	32	34					
125	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0					
126	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	15	0	16					
127	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	52	85	50	92					
128	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	34	0	34					
129	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	34	25	25	42					
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	38	25	38					
131	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
132	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage		
133	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage		
134	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	360	360	414	54		Gas Shortage		
135	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	5	11	11					
136	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43	8	8					
137	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	35	0	35					
138	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	35	0	35					
139	Amnura 50 MW PP(Sinha)	HFO (NENP)	7x7.79	50	28	28	28	28	28					
140	Sirajgonj 6.55 MW Solar	Solar (NWPGCL)	1x6	6	6	3	0	6	0					
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1314	1355	1400	1400					
Rajshahi Zone Total				3653	3631	1850	2092	1945	2187	775	100			
141	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage		
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling		
142	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	170	170	170	170	104		Coal Shortage		
143	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
144	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	7	35	6	35					
145	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
146	Majipara, Tatulia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	2	0	8	0					
147	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	72	0	70					
148	Lalmonirhat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	33	0	30	0					
149	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	156	0	130	0					
Rangpur Zone Total				1030	950	368	277	344	275	189	85			
Sub-total: Plants in operation				26301	25481	9795.0	10692	10570	11416	4309	2619			
(B) Plants under long term maintenance/ contract expired														
150	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0					
151	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0					
152	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	0	0	0	0	0	0					
Sub-Total: Plants under long term maintenance/ contract expired				203	0	0	0	0	0	0	0			
Gross Total				26504	25481	9795	10692	10570	11416	4309	2619			
(C)														
Actual data of 25.01.24 (Yesterday) Thursday :														
01.	Max. Demand at eve. peak (Generation end) :			10692	MW,	at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand at eve. peak (Sub-station end) :			10115	MW,	at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end) :			10692	MW,	at = 19:00 hrs	Dhaka	3781	3781	0	Mymensingh	883	883	0
04.	Minimum Generation (Generation end) :			6843	MW,	at = 5:00 hrs	Chattogram	950	950	0	Sylhet	372	372	0
05.	Day-peak Generation (Generation end) :			9795	MW,	at = 12:00 hrs	Khulna	1203	1203	0	Barishal	280	280	0
06.	Evening-peak Generation (Generation end) :			10692	MW,	at = 19:00 hrs	Rajshahi	1000	1000	0	Rangpur	781	781	0
07.	Evening Peak Load-shed (Sub-station end) :			0	MW,	at = 19:00 hrs	Cumilla	865	865	0				
08.	Minimum Generation Forecast up to 8:00 hrs.			7047	MW,	at = 5:00 hrs								
09.	Generation shortfall at evening peak due to :						13.	Fuel cost :	(a) Gas = 312868181 Taka		(c) Coal = 453161636 Taka		Taka	
	a) Gas/LF limitation :			4120	MW	(b) Oil = 453134430 Taka			Total = 1219164247 Taka					
	d) Coal supply Limitation :			189	MW									