

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2024					Day : Wednesday					Date : 28.02.24					
Probable Maximum Demand : 11500 MW					Probable Maximum Generation : 12210 MW					Rule Curve = 93.15 ft.					
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 84.26 ft					Today = 84.17 ft.					
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.02.24 (Yesterday)		28.02.24 (Today)		27.02.24 (Yesterday)		28.02.24 (Today)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)	Description/ Remarks		Probable start-up date
						Day	Evening	Day	Evening	Gas/Coal/oil/Water Limitation MW					
(A) Plants in operation:															
1	a) Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0			260	Under project work		
2	b) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	200	200	200	200						
3	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190			Gas Shortage		
4	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x254+1x126	365	365	0	0	0	0			365	Awaiting for HGP1		
5	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108			Gas Shortage		
6	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105			Gas Shortage		
7	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0						
8	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	0	0	0	0	0				Contract Expired		
9	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	450	450	450						
10	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			115	Under Overhauling		
11	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	417	400	412	412						
12	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			Gas Shortage		
13	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	300	333	335	335						
14	Meghnaghat 335MW CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	0	0	0	0	335			Gas Shortage		
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	23	15	15						
16	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	8	49	8	48						
17	Narsinghdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	0	0						
18	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	39	39	39	39						
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x6.73	33	33	25	25	25	25						
20	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x6.73	33	33	30	26	33	33						
21	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	17	8	17						
22	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	34	90	17	105						
23	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	48	133	64	133						
24	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	17	0	17						
25	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	110	40	195	195						
26	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	62	17	100	17						
27	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	17	0	17						
28	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	0	17						
29	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	34	53	34	51						
30	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	17	17	17	17						
31	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	32	0	35	0						
32	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	0	17	0	17						
33	Siddhirgonj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	0	30	8	15						
34	Meghnaghat 100 MW(IEI)	HFO (NENP)	12x8.9	100	100	0	11	17	17						
35	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	80	51	85	85						
36	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	23	25	25	25						
37	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0						
38	Meghnaghat Unique Power	Gas				0	0	0	0				Test run		
39	Meghnaghat 589 MW CCPP(Summit)	Gas				240	80	230	230				Test run		
Dhaka Zone Total					5655	5062	1947	2177	2352	2532	948	740			
40	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	40	40	190			Inadequate Water Level		
41	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage		
42	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0			180	Under maint.		
43	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5	0	5	0						
44	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	17	8	17						
45	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0						
46	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	20	6	18						
47	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	17	17	17	17						
48	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0			150	Under maint.		
49	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	219	216	220	220						
50	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	66	104	65	100						
51	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	25	25	25	25						
52	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	33	51	17	50						
53	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	48	55	50	68						
54	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	10	10	10	10						
55	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	5	5	15						
56	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0						
57	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	0	0	17						
58	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	17	17						
59	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	25	25	25	25						
60	Juldah 100 MW Unit-1 (Acom)	HFO (NENP)	8x13.45	100	100	25	25	25	25						
61	Chattogram 116 MW PP (Anima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	17						
62	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	35	126	17	145						
63	Chattogram 21612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	317	468	400	455						
64	Matarbari 21600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	154	155	150	150						
65	Cox's Bazar Wind PP	(Wind) (IPP)				17	41	20	29				Test run		
66	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				59	0	20	0				Test run		
Chattogram Zone Total					4404	4344	1181	1434	1179	1460	370	330			
67	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	41	44	45	45						
68	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1175	221	221	145	150	150	150						
69	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	270	270	320	320	90			Gas Shortage		
70	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360			Gas Shortage		
71	Ashuganj 420 MW CCPP(East)	Gas (APSCL)	1x284+1x116	400	400	286	285	330	330	115			Gas Shortage		
72	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	2019.73+116	195	195	0	0	0	0	195			Gas Shortage		
73	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51						
74	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	6	6	6	6						
75	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	32	39	40	42						
76	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0			163	Under maint.		
77	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	34	34	34	34						
78	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0						
79	Feni 11 MW PP (Doreen)	Gas (SIPP, PDB)	4x2.90	11	11	11	11	11	11						
80	Jangalia 33 MW PP (Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
81	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	16	52	8						
82	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	17	11	15						
83	Feni 114 MW (Lakdanavi)	HFO (IPP)	718.415+119.78	114	114	52	112	114	114						
84	Chowmuhani 113 MW	HFO (IPP)	1219.78+21.31	113	113	47	74	113	113						
85	Bharob 54 MW PP	HFO (IPP)	3x18.2	54	54	0	17	17	17						
86	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	0	32	18	36						
87	Ashuganj 55 MW PP (Precision)	Gas (RPP)	1514	55	55	32	22	16	16						
88	Import (Tripura)	India		160	160	126	124	128	141						

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.02.24 (Yesterday)		28.02.24 (Today)		27.02.24 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening	Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)		
88	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	0	0	0	0		70	Under maint.	
89	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.	
90	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	30	30				
91	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	120	130	163	163				
92	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	0	0	0				
93	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	65	66	66				
94	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
95	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	3x2.90	86	86	0	0	0	0				
96	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	50	135	190	190				
97	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0				
98	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
99	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	17	17	17	17				
100	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	280	310	310				
101	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	411	223	400	400				
102	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	350	300	380	380				
103	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0			Test run	
104	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	28	0	0	0				
Sylhet Zone Total						2472	2427	1432	1243	1596	1596	0	460
105	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
106	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
107	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	9	0	50				
108	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	70	0	70				
109	Khulna 225 MW CCPP	HSD/ Gas (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
110	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	17	17				
111	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	0	0				
112	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	94	0	100	0				
113	Khulna 115 MW PP (KPCL-2)	HFO (NENP)	7x17	115	115	0	0	0	0				
114	Nacopara 40 MW PP (Khangshan Ali)	HFO (NENP)	5*8.5	40	40	0	0	0	0				
115	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x817	617	617	356	358	360	360				
116	Khulna 330 MW CCPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	490	204	493	203				
Khulna Zone Total						3241	3237	940	641	970	700	410	0
117	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	16	32				
118	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	4	7	7	7				
119	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	135	140	140	140			GT-1, ST under maint.	
120	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	990	1050	1200	1200				
121	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	27	17	54				
122	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	140	140	140	140				
123	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	180	220	220	220				
Barishal Zone Total						2265	2265	1449	1600	1740	1793	0	0
124	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.	
125	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	29	25	25				
126	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
127	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	14	0	15				
128	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	51	91	50	90				
129	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	16	50	40	50				
130	Katakali 50 MW PP (Northern)	HFO (NENP)	6x8.9	50	50	8	25	42	42				
131	Santhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	38	16	38				
132	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
133	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
134	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	220	159	150	173	61		Gas Shortage	
135	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	364	316	414	414				
136	Ulipara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	5	5	5				
137	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	0	8				
138	Bagura 113 MW PP (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	55	0	55				
139	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	1	35	35	0				
140	Ammura 50 MW PP(Sinha)	HFO (NENP)	7x7.79	50	28	28	0	28	28				
141	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	4	0	6	0				
**	Adani Power Jharkhand Ltd	(Import)	2x748	1496	1496	1288	1362	1300	1300				
Raishahi Zone Total						3653	3631	1988	2179	2111	2243	562	100
142	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	
143	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	170	170	170	170	104		Coal Shortage	
144	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
145	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	6	33	40	6				
146	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
147	Majpara, Tatula 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	6	0	8	0				
148	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	75	0	75				
149	Lalmoharhat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	34	0	30	0				
150	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	141	0	130	0				
Rangpur Zone Total						1030	950	357	278	378	251	189	85
Sub-total: Plants in operation						26301	25481	10663.0	11041	11997	12210	3371	1878

(C)														
Actual data of 27.02.24 (Yesterday) Tuesday :					12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
01.	Max. Demand at eve. peak (Generation end)	:	11075	MW, at = 19:00 hrs	12.	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
02.	Max. Demand at eve. peak (Sub-station end)	:	10752	MW, at = 19:00 hrs		Dhaka	4034	4034	0	Mymensingh	968	936	32	
03.	Highest Generation (Generation end)	:	11041	MW, at = 19:00 hrs		Chattogram	1103	1103	0	Sylhet	361	361	0	
04.	Minimum Generation (Generation end)	:	7118	MW, at = 5:00 hrs		Khulna	1239	1239	0	Barishal	299	299	0	
05.	Day-peak Generation (Generation end)	:	10663	MW, at = 12:00 hrs		Rajshahi	1120	1120	0	Rangpur	740	740	0	
06.	Evening-peak Generation (Generation end)	:	11041	MW, at = 19:00 hrs		Cumilla	889	889	0					
07.	Evening Peak Load-shed (Sub-station end)	:	32	MW, at = 19:00 hrs										
08.	Minimum Generation Forecast up to 8:00 hrs.	:	7604	MW, at = 5:00 hrs										
09.	Generation shortfall at evening peak due to :	:			13.	Fuel cost :				Total	10752	10720	32	
a) Gas/LF limitation	:	2992	MW	(a) Gas = 328387349 Taka			(c) Coal = 533571783 Taka							
d) Coal supply Limitation	:	189	MW	(b) Oil = 314017806 Taka			Total = 1175976938 Taka							
b) Low water level in Kaptai lake	:	190	MW											
c) Plants under shut down/ maintenance	:	1878	MW											
10.	Total Energy (Generation + India Import)	:	227.61	MKWh	14.	Maximum Temperature in Dhaka was : 29.2°C								
	By Gas = 114.698 MKWH			By Oil = 17.416 MKWh	15.	Export through East-West interconnections :								
	By Coal = 78.584 MKWH			By Hydro = 0.914 MKWh		At evening peak-hour : 10663 MW, at 19:00 hrs								
	By Solar = 3.056 MKWH					Maximum : 450 MW, at 7:00 hrs								
						Energy : 0 MKWh								
11.	Total Gas Supplied	:	886.32	MMCFD										
(D)														
Forecast of 28.02.24 (Today) Wednesday :														
01.	Maximum Demand	:	11500	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	12210	MW (Generation end)	05.	Total Generation : 237.07 MKWh								
03.	Reserve / Shortage	:	710	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 29.2°C								

* Cative Power ** Imported Power

#Remarks: Highest Generation 15648 MW on 19-04-2023 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation