

**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2024				Day : Wednesday				Date : 08.05.24				
Probable Maximum Demand :				13500 MW				Probable Maximum Generation : 16678 MW				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 73.51 ft				Today = 73.59 ft				
								Rule Curve = 80.67 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.05.24 (Yesterday)		08.05.24 (Today)		07.05.24 (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/Water Limitation MW	Machines shut down (MW)		Description/ Remarks
(A) Plants in operation:												
1	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0		Under project work	
2	a) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
2	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180			
3	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	365	Awaiting for HGPI	
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	63	74	75	75	34	Gas Shortage	
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Under maint.	
6	Hariapur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0			
7	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	420	450	450			
8	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling	
9	Hariapur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	400	405	405	400	400			
10	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
11	Siddhirgonj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	323	280	335	335			
12	Meghnaghat 335MW CCGP(Summit)	Gas (IPP)	2x110+1x110	335	335	317	280	310	310			
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	40	40	40			
14	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	90	48	90			
15	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	0	0			
16	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	34	35	42	42			
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
18	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	32	32	32	32			
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	16	17	16	16			
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	35	88	35	100			
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	32	98	32	150			
22	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	35	0	54			
23	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	210	300			
24	Kodda 149 MW PP Unit-1(Summit)	HFO (IPP)	6x18.415+1x8.97	149	149	56	125	149	149			
25	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	30	35	55			
26	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	55	35	55			
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	72	17	72			
28	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	54	90	162			
29	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	32	0	35	0			
30	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	0	0	0	0			
31	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	0	0	0	15			
32	Unique Meghnaghat 584MW CCGP	Gas	1x400+1x184	584	584	305	500	500	500			
	Siddhirgonj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	0	0	0	0	60	80			
	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	0	0	0	0	96	96			
	Meghnaghat 100 MW(HEL)	HFO (NENP)	12x8.9	0	0	0	0	90	100			
	Meghnaghat 589 MW CCGP(Summit)	Gas				250	400	250	400		Test run	
Dhaka Zone Total				5526	5332	2572	3343	3595	4291	424	845	
33	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	30	30	30	200	Inadequate Water Level	
34	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0			
34	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.	
35	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	5	0	5	0	0			
36	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	8	25			
37	Teknaf 20MW PP (Solaritech)	Solar (IPP)	1x20	20	20	17	0	20	0			
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	14	6	19			
39	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	0	68	100	100			
40	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Under maint.	
41	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	210	210	210			
42	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	16	16	16	16			
43	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	28	62	36	60			
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	50	54			
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	82	40	64			
46	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	12	10	10			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	10	5	20			
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	20	20	80			
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	34	17	54			
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	68	17	51			
50	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	16	62	40	70			
51	Juldah 100 MW Unit-1 (Acorn)	HFO (NENP)	8x13.45	100	100	0	0	0	0			
52	Chattogram 116 MW PP (Anlima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	2	53	35	53			
53	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	0	54	54	163			
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	430	483	480	480			
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	522	360	600	600			
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	2	0	40	40			
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				72	0	33	0			
Chattogram Zone Total				4464	4404	1142	1714	1872	2199	200	330	
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	30	37	0	0			
58	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1*75	221	221	206	222	210	210			
59	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	0	0	290	330			
60	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x361	360	360	335	310	340	340			
61	Ashuganj 420 MW CCGP(East)	Gas (APSCCL)	1x284+1x116	400	400	345	335	350	350			
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*16	195	195	137	182	0	0			
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51			
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	5	6	6			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	8	23	36	41			
66	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163	Under maint.	
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	136	86	136			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	0	0	0			
69	Jangalia 33 MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	0	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	51	25	52			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	8	14	20	20			
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	1	52	100	100			
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	12	45	95	95			
74	Bharob 54 MW PP	HFO (IPP)	3x18.2	54	54	0	35	17	42			
75	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x5.428	115	115	15	115	54	115			
76	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15*4	55	55	52	51	0	0			
**	Impoport (Tripura)	India		160	160	112	118	146	151			
Cumilla Zone Total				2937	2929	1321	1782	1859	2072	0	163	
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	147	141	120	140			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	115	115	16	75	50	97				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	56	116	56	108			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
81	Sutakha 50 MW Solar PP	Solar (IPP)	1x50	50	50	39	0	50	0			
82	Tangail 22 MW PP(PGL)	HFO (IPP)	4x6.7	22	22	15	18	18	22			
Mymensingh Zone Total				600	592	275	350	296	367	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.05.24 (Yesterday)		08.05.24 (Today)		07.05.24 (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)			
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	24	30	30			Under maint.	
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	20	20	20	20			GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	30	50				
86	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x64	163	163	112	112	112	112				
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	5	5	5				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	61	60	60				
89	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
90	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	100	100	100	100				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	25	25				
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	280	300	300				
94	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	402	367	400	400				
95	Bibiyana South 363 MW CCPP	Gas (PDB)	1x252+1x131	383	383	354	345	340	360				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	32	39	30	44				
Sylhet Zone Total					2376	2331	1512	1440	1470	1524	0	446	
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
99	Bheramara 410 MW CCPP	Gas (NWP/CGCL)	1 x 278+1 x 132	410	410	385	345	400	400				
100	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	49	0	42				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	26	44	62				
102	Khulna 225 MW CCPP	HSD/ Gas (NWP/CGCL)	1 x 150+1x75	230	230	0	0	0	0				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	17	90	90				
104	Machumati 100 MW PP	HFO (NWP/CGCL)	6x18.415	105	105	0	0	0	0				
105	Morola Orion 100 MW Solar PP	Solar (IPP)	100	100	100	96	0	100	0				
106	Matlree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	310	309	375	375				
107	Khulna 330 MW CCPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	922	832	940	650				
Khulna Zone Total					3703	3699	1713	1578	1949	1619	0	0	
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	48	48	110				
109	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	10	0	0	10	10				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	80	120	130	130		74	ST under maint.	
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	600	960	1244	1244				
112	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	17	35				
113	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	155	200	200	307				
114	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
Barishal Zone Total					2265	2235	1055	1548	1869	2056	0	74	
115	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.	
116	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	42	0	33				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	5	0	25				
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	87	0	90				
119	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	16	42	42				
120	Katakhali 50 MW PP (Northem)	HFO (NENP)	6x8.9	50	50	0	0	34	34				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	23	0	28				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/CGCL)	1x150+1x75	210	210	0	0	0	0		210	Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/CGCL)	1x150 + 1x75	220	220	195	158	170	200				
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/CGCL)	1x141+1x79	220	220	180	163	180	200				
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	307	414	414				
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
127	Natore 52 MW PP (Rajanka)	HFO (IPP)	6x8.92	52	52	0	0	8	8				
128	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	35	35	95				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	10	35	113				
130	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	0	0	0	0				
131	Sirajgonj 6.55 MW Solar	Solar (NWP/CGCL)	1x6	6	6	5	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	519	625	748	748				
Rajshahi Zone Total					3453	3431	1318	1479	1683	2041	281	100	
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	73	72	73	73				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	218	230	230	230				
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x.2*3	113	113	0	48	56	91				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
137	Majpara, Tatalis 8 MW Solar PP (Symba Power)	Solar (IPP)	1 x 8	8	8	0	0	0	0				
138	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	54	35	115				
139	Lalmourihat 30 MW Solar (Intracon)	Solar (IPP)	1*30	30	30	15	0	30	0				
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	134	0	130	0				
Rangpur Zone Total					1030	950	448	404	562	509	0	85	
Sub-total: Plants in operation					26354	25903	11356.0	13638	15155	16678	905	2043	

(B) Plants under long term maintenance/ contract expired

141	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0			Contract Expired	
142	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	0	0	0	0	0			Contract Expired	
143	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0			Contract Expired	
144	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	0	0	0	0	0			Contract Expired	
145	Boslia 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Contract Expired	
Sub-Total: Plants under long term maintenance/ contract expired					700	0	0	0	0	0	0	0	

Gross Total

Gross Total					27054	25903	11356	13638	15155	16678	905	2043	
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(C) Actual data of 07.05.24 (Yesterday) Tuesday :

01.	Max. Demand at eve. peak (Generation end)	: 13638 MW, at = 19:30 hrs										
02.	Max. Demand at eve. peak (Sub-station end)	: 13173 MW, at = 19:30 hrs										
03.	Highest Generation (Generation end)	: 13638 MW, at = 19:30 hrs										
04.	Minimum Generation (Generation end)	: 7282 MW, at = 3:00 hrs										
05.	Day-peak Generation (Generation end)	: 11356 MW, at = 12:00 hrs										
06.	Evening-peak Generation (Generation end)	: 13638 MW, at = 19:30 hrs										
07.	Evening Peak Load-shed (Sub-station end)	: 0 MW, at = 19:30 hrs										
08.	Minimum Generation Forecast up to 8:00 hrs.	: 6874 MW, at = 5:00 hrs										
09. Generation shortfall at evening peak due to :												
a) Gas/LF limitation		: 705 MW										
d) Coal supply Limitation		: 0 MW										
b) Low water level in Kaptai lake		: 200 MW										
c) Plants under shut down/ maintenance		: 2043 MW										
10. Total Energy (Generation + India Import)		: 256.50 MKWh										
By Gas = 149.736 MKWh		By Oil = 17.130 MKWh										
By Coal = 65.767 MKWh		By Hydro = 0.420 MKWh										
By Solar = 2.841 MKWh												
11. Total Gas Supplied		: 1144.71 MMCFD										
Forecast of 08.05.24 (Today) Wednesday :												
01.	Maximum Demand	: 13500 MW (Generation end)	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Maximum Generation	: 16678 MW (Generation end)										
03.	Reserve / Shortage	: 3178 MW (Generation end)										
04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)										
05.	Total Generation	: 253.90 MKWh										
06.	Probable Max. Temperature in Dhaka :	: 32.6°C										

#Remarks: Highest Generation 16477 MW on 30-04-2024 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation