

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551093

Month April, 2024				Day : Saturday				Date : 27.04.24				
Probable Maximum Demand : 16600 MW				Probable Maximum Generation : 16908 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 75.10 ft				Today = 74.86 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.04.24 (Yesterday)		27.04.24 (Today)		26.04.24 (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
(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			
	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	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	21	64	65	65	44		Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Under maint.
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0			
7	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	450	450	450			
8	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling
9	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	400	374	404	400	400			
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	189	201	200	200			
11	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	308	321	335	335			
12	Meghnaghat 335MW CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	298	300	305	305			
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	32	40	40	40			
14	Gaganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	48	73	32	82			
15	Narsingdi 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+7x6.73	80	80	33	33	44	44			
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
18	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	16	16	16	16			
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	105	35	105			
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	32	147	32	150			
22	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	0	54			
23	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	95	273	300	300			
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	128	145	130	149			
25	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	55	0	55			
26	Manikgonj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	0	55			
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	17	52	53	72			
28	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	35	162	35	162			
29	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	30	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	0			
32	Unique Meghnaghat 584MW CCPP	Gas	1x400+1x184	584	584	250	540	500	500			
	Meghnaghat 589 MW CCPP(Summit)	Gas				583	230	590	500			Test run
Dhaka Zone Total				5526	5332	3194	3958	3843	4285	44	845	
33	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	60	30	30	170		Inadequate Water Level
34	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	114	110	115	115			
	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			
36	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	4	25	8	25			
37	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	15	0	20	0			
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	6	6	18			
39	Sikalbaha 105 MW PP (Baraka Sikalabaha)	HFO (IPP)	6x18.415	105	105	17	17	17	34			
40	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.
41	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	211	212	211	211			
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 (Acom)	HFO (IPP)	8x13.45	100	100	12	12	12	12			
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	34	51	51	51			
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	32	32	32	50			
46	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	5	5	5	5			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			16	31	15	30			
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	26	12	25			
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	36	13	36			
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	34	17	34			
50	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	12	10	12	12			
51	Juldah 100 MW Unit-1 (Acom)	HFO (NENP)	8x13.45	100	100	0	0	0	0			
52	Chattogram 116 MW PP (Anilma Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	17			
53	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	24	163	54	163			
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	270	272	275	275			
55	Matbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	779	780	580	580			
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	7	0	40	40			
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				70	0	33	0			
Chattogram Zone Total				4464	4404	1742	1915	1596	1779	170	330	
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	36	37	40	40			
58	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1175	221	221	207	204	220	220			
59	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	260	270	280	280			
60	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	285	300	300			
61	Ashuganj 420 MW CCPP(East)	Gas (APSCL)	1x284+1x116	400	400	300	300	300	300			
62	Ashuganj 195MW PP (APSC-United)	Gas (IPP)	20*9.73+1*16	195	195	0	0	0	0	195		Gas Shortage
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	6	6	6	6			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	35	33	33	41			
66	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0		163	Under maint.
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	100	155	100	150			
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	16	16	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	32	50	34	52			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	19	19	20	20			
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	62	114	52	114			
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	38	65	55	65			
74	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	35			
75	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	52	97	36	95			
76	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15*4	55	55	47	45	50	50			
**	Impoport (Tripura)	India		160	160	102	94	146	144			
Cumilla Zone Total				2937	2929	1690	1858	1773	1996	195	163	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	66	98	70	100	104		Gas Shortage
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	48	97	50	107			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	57	104	56	108			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
81	Sutakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	44	0	50	0			
82	Tangail 22 MW PP(RPCL)	HFO (IPP)	4x6.7	22	22	18	18	12	18			
Mymensingh Zone Total				600	592	235	317	240	333	104	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.04.24 (Yesterday)		27.04.24 (Today)		26.04.24 (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	40	43	43	43		27	Under maint.	
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	27	28	30	30		62	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	22	50	50				
86	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	112	112	112	112				
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	5	5	5				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	56	51	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	203	202	210	210				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	18	18				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	25	25				
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	295	300	300				
94	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	396	366	400	400				
95	Bibiyana South 363 MW CCPP	Gas (PDB)	1x252+1x131	383	383	370	320	380	380				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	80	88	95	95			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	36	20	44	44				
Sylhet Zone Total					2376	2331	1717	1593	1772	1772	0	419	
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
99	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	375	345	400	410				
100	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	33	0	42				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	62	0	62				
102	Khulna 225 MW CCPP	HSD/ Gas (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	73	90	90				
104	Machhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	0	0				
105	Monoria Orion 100 MW Solar PP	Solar (IPP)	100	100	100	95	0	100	0				
106	Maitree Super Thermal 1320 MW PP	Coal (BIF/PCL)	2x617	1234	1234	340	378	375	375				
107	Khulna 330 MW CCPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	921	636	939	650				
Khulna Zone Total					3703	3699	1748	1527	1904	1629	0	0	
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	32	48	110				
109	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	10	9	10	10	10				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	124	126	130	130		68	ST under maint.	
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	700	800	1244	1244				
112	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	17	17				
113	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	150	250	150	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	1219	1455	1819	2038	0	68	
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	38	38	38				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	20	0	25				
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	37	80	50	95				
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	7	45	40	50				
120	Katakali 50 MW PP (Northem)	HFO (NENP)	6x8.9	50	50	34	34	34	34				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	30	32	30	33				
122	Siraigonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	156	177	160	200				
123	Siraigonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	165	188	160	200				
124	Siraigonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
125	Siraigonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	304	414	414				
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
127	Natore 52 MW PP (Rajanka)	HFO (IPP)	6x8.92	52	52	0	8	8	8				
128	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	25	95	35	55				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	113	50	35	77				
130	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	14	35	35	35				
131	Siraigonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	4	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	751	1430	1400	1400				
Rajshahi Zone Total					3453	3431	1761	2547	2456	2675	291	100	
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0				
	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	203	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	48	56	34	56				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
137	Majpara, Tatisa 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
138	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	55	94	115	115				
139	Lalmohith 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	34	0	30	0				
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	184	0	130	0				
Rangpur Zone Total					1030	950	531	380	547	401	0	85	
Sub-total: Plants in operation					26354	25903	13837.0	15550	15950	16908	804	2010	
(B) Plants under long term maintenance/ contract expired													
141	Katobdi 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	Bosila 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					27054	25903	13837	15550	15950	16908	804	2010	
(C) Actual data of 26.04.24 (Yesterday) Friday :													
01.	Max. Demand at eve. peak (Generation end)	: 15870	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand at eve. peak (Sub-station end)	: 15161	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 15550	MW, at = 21:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	: 12647	MW, at = 9:00 hrs	Dhaka	5176	5176	0	Mymensingh	1363	1218	145		
05.	Day-peak Generation (Generation end)	: 13837	MW, at = 12:00 hrs	Chattogram	1327	1327	0	Sylhet	527	527	0		
06.	Evening-peak Generation (Generation end)	: 15550	MW, at = 21:00 hrs	Khulna	1941	1941	0	Barishal	485	485	0		
07.	Evening Peak Load-shed (Sub-station end)	: 306	MW, at = 21:00 hrs	Rajshahi	1797	1797	0	Rangpur	1026	910	116		
08.	Minimum Generation Forecast up to 8:00 hrs.	: 12445	MW, at = 5:00 hrs	Cumilla	1519	1474	45						
09.	Generation shortfall at evening peak due to :							Total	15161	14855	306		
a)	Gas/LF limitation	: 634	MW	13.	Fuel cost :	(a) Gas = 503377844	Taka	(c) Coal = 589967313	Taka				
d)	Coal supply Limitation	: 0	MW			(b) Oil = 848320222	Taka	Total = 1941665379	Taka				
b)	Low water level in Kaptai lake	: 170	MW										
c)	Plants under shut down/ maintenance	: 2010	MW	14.	Maximum Temperature in Dhaka was :	38.2°C							
10.	Total Energy (Generation + India Import)	: 336.03	MKWh	15.	Export through East-West interconnections :								
	By Gas = 176.282	MKWh	By Oil = 45.987	MKWh	At evening peak-hour	: 13837	MW, at 21:00 hrs						
	By Coal = 88.113	MKWh	By Hydro = 0.748	MKWh	Maximum	: 710	MW, at 21:00 hrs						
	By Solar = 3.557	MKWh			Energy	: 0	MKWh						
11.	Total Gas Supplied	: 1322.59	MMCFD										
(D) Forecast of 27.04.24 (Today) Saturday :													
01.	Maximum Demand	: 16600	MW (Generation end)	04.	Maximum Load-shed	: 0	MW At evening peak (Sub-station end)						
02.	Maximum Generation	: 16908	MW (Generation end)	05.	Total Generation	: 358.72	MKWh						
03.	Reserve / Shortage	: 308	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	38.2°C							

#Remarks: Highest Generation 16233 MW on 22-04-2024 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation