

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2024				Day : Tuesday				Date : 09.04.24				
Probable Maximum Demand : 12500 MW				Probable Maximum Generation : 15580 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 78.48 ft				Today = 78.38 ft				
								Rule Curve = 86.40 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.04.24 (Yesterday)		09.04.24 (Today)		08.04.24 (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)		
(A) Plants in operation:												
1	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0	260		Under project work
2	a) Ghorasal Repowered CCGP Unit-4 b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	180	210	150	150	150			
3	Ghorasal 365 MW CCGP 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	5	5	0	0	103		Gas Shortage
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0			
7	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	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 CCGP	Gas (EGCB)	1x273+1x139	412	400	368	365	380	380			
10	Siddhirgonj 2*120 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	270	327	335	335			
12	Meghnaghat 335MW CCGP(Summit)	Gas (IPP)	2x110+1x110	335	335	296	287	330	330			
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	0	40	40			
14	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	0	91	91			
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+7x8.73	80	80	39	39	39	39			
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
18	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	28	33	33			
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	8	8	25			
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	0	17	105			
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	32	32	32	145			
22	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	0	0	17			
23	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	45	0	300	300			
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	85	56	100	149			
25	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	0	0	55			
26	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	0	0	55			
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	54	0	53	53			
28	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	35	0	72	126			
29	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	2	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	15	15			
32	Unique Meghnaghat 584MW CCGP	Gas	1x400+1x184	584	584	0	0	0	0	584		Gas Shortage
	Meghnaghat 589 MW CCGP(Summit)	Gas				150	150	150	150			Test run
Dhaka Zone Total				5526	5332	2169	2110	2843	3256	1002	740	
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 b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
35	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5	0	5	0			Under maint.
36	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	5	25	8	25			
37	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0			
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	6	6	6			
39	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	34	34	34	34			
40	Shikalbaha 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	212	212	211	211			
42	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	16	16	16	16			
43	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	0	0	0			
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	51	51	51	51			
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	33	48	32	48			
46	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	5	5	7	7			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			11	42	25	40			
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	13	12	12			
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	17	0	17			
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	47	34	17	17			
50	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	11	11	12	12			
51	Juldah 100 MW Unit-1 (Acorn)	HFO (NENP)	8x13.45	100	100	48	80	60	80			
52	Chattogram 116 MW PP (Anlima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	17			
53	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	54	0	54	145			
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	470	490	490	490			
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	659	730	730	730			
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	13	5	40	40			Test run
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				72	0	25	0			Test run
Chattogram Zone Total				4464	4404	1812	1866	1902	2028	380	330	
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	28	36	25	36			
58	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	195	221	220	220			
59	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	250	270	300	300			
60	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	280	290	330	330			
61	Ashuganj 420 MW CCGP(East)	Gas (APSCL)	1x284+1x116	400	400	230	335	330	330			
62	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	0	8	0	8	187		Gas Shortage
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	51	51	51			
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	8	0	6	6			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	27	37	33	33			
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	55	85	50	151			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	9	10	10	10			
69	Jangalia 33 MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	30	30	30			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	25	25	52			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	17	15	20	20			
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	34	52	34	114			
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	38	58	38	58			
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	35	72	18	95			
76	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15*4	55	55	46	5	44	44	50		Gas Shortage
**	Impoprt (Tripura)	India		160	160	104	110	152	160			
Cumilla Zone Total				2937	2929	1403	1727	1733	2083	237	163	
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	43	112	113	113	90		Gas Shortage
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	50	99	49	100			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	62	107	56	105			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	1	0	1.6	0			
81	Sutiakhali 50 MW Solar PP	Solar (IPP)	1x50	50	50	12	0	50	0			
82	Tangail 22 MW PP(PPGL)	HFO (IPP)	4x6.7	22	22	18	18	18	18			
Mymensing Zone Total				600	592	186	336	288	336	90	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.04.24 (Yesterday)		09.04.24 (Today)		08.04.24 (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	41	41	41	41		29	Under maint.	
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	29	29	30	30		61	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	53	53				
86	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	80	110	110	110				
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	0	0	0				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	27	61	40	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	200	202	201	201				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	20	20				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	22	24	25	25				
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	285	290	320	320				
94	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	365	306	400	400				
95	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	350	300	330	330				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	99	0	100	100			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	44	41	47	47				
Sylhet Zone Total				2376	2331	1610	1475	1717	1737	0	420		
98	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
99	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
100	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	16	42				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	50				
102	Khulna 225 MW CCPP	HSD/ Gas (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	70	90				
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	0	0				
105	Mongla Orion 100 MW Solar PP	Solar (IPP)	100	100	26	0	100	0	0				
106	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	379	379	385	387				
107	Khulna 330 MW CCPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India	1000	1000	923	779	936	791					
Khulna Zone Total				3703	3699	1328	1158	1537	1360	410	0		
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	48	110				
109	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	10	6	0	7	10				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	132	130	130	130		64	ST under maint.	
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	740	850	1244	1244				
112	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	17	17				
113	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	150	150	150	150				
114	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
Barishal Zone Total				2265	2235	1248	1350	1816	1881	0	64		
115	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	50	50	50	50	21		Gas Shortage	
	b) Baghabari 100 MW GTTP	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	32	0	35	35				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	23	0	30				
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	58	96	50	96				
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	40	50				
120	Katakali 50 MW PP (Northern)	HFO (NENP)	6x8.9	50	50	0	0	34	34				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	30	30				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	152	157	200	210	53		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	320	314	380	400	100		Gas Shortage	
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	5	10				
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	8	8	8				
128	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	35	75	35	76				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	35	70	35	70				
130	Amnura 50 MW PP(Sinha)	HFO (NENP)	7x7.79	50	28	0	0	35	35				
131	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	2	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	863	1420	1400	1400				
Rajshahi Zone Total				3453	3431	1555	2296	2343	2534	614	100		
132	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	
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	220	220	220	220	54		Coal Shortage	
134	Rangpur 20 MW GTTP	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	34	70	40	70				
136	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
137	Majpara, Tatulia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	4	0	8	0				
138	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	13	92	35	75				
139	Lalmonirhat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	18	0	30	0				
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	191	0	130	0				
Rangpur Zone Total				1030	950	480	382	463	365	139	85		
Sub-total: Plants in operation				26354	25903	11791.0	12700	14642	15580	2872	1902		
(B) Plants under long term maintenance/ contract expired													
141	Katpotti 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			Contact 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	11791	12700	14642	15580	2872	1902		
(C) Actual data of 08.04.24 (Yesterday) Monday :													
01.	Max. Demand at eve. peak (Generation end)	:	12800	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)	:	12232	MW, at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12700	MW, at =	21:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	10717	MW, at =	6:00 hrs	Dhaka	3741	3741	0	Mymensingh	1172	1076	96
05.	Day-peak Generation (Generation end)	:	11791	MW, at =	12:00 hrs	Chattogram	1333	1333	0	Sylhet	498	498	0
06.	Evening-peak Generation (Generation end)	:	12700	MW, at =	21:00 hrs	Khulna	1459	1459	0	Barishal	354	354	0
07.	Evening Peak Load-shed (Sub-station end)	:	96	MW, at =	21:00 hrs	Rajshahi	1494	1494	0	Rangpur	906	906	0
08.	Minimum Generation Forecast up to 8:00 hrs.	:	8851	MW, at =	5:00 hrs	Cumilla	1275	1275	0				
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :	(a) Gas = 424869413 Taka	(c) Coal = 619486652 Taka				
	a) Gas/LF limitation	:	2533	MW				(b) Oil = 504263751 Taka	Total = 1548619816 Taka				
	d) Coal supply Limitation	:	139	MW									
	b) Low water level in Kaptai lake	:	200	MW									
	c) Plants under shut down/ maintenance	:	1902	MW									
10.	Total Energy (Generation + India Import)	:	286.94	MKWh		14.	Maximum Temperature in Dhaka was : 30.4°C						
	By Gas = 139.758 MKWh			By Oil = 27.618 MKWh		15.	Export through East-West interconnections :						
	By Coal = 92.297 MKWh			By Hydro = 0.719 MKWh			At evening peak-hour : 11791 MW, at 21:00 hrs						
	By Solar = 2.404 MKWh						Maximum : 520 MW, at 17:00 hrs						
							Energy : 0 MKWh						
11.	Total Gas Supplied	:	1065.70	MMCFD									
(D) Forecast of 09.04.24 (Today) Tuesday :													
01.	Maximum Demand	:	12500	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	15580	MW	(Generation end)	05.	Total Generation : 282.43 MKWh						
03.	Reserve / Shortage	:	3080	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 30.4°C						

* Captive Power ** Imported Power
#Remarks: Highest Generation 15648 MW on 19-04-2023 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation