

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2023		Day : Friday				Date : 28.04.23						
Probable Maximum Demand :		11000 MW		Probable Maximum Generation :		14443 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 75.22 ft		Today = 75.19 ft		Rule Curve = 82.60 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.04.23 (Yesterday)		28.04.23 (Today)		Gen. shortfall for : Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)					
					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 b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	180	150	0	0	0		Gas Shortage	
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	365	Under maint.	
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	28	12	16	76	96	Gas Shortage	
5	Tong 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	360	324	303	300	330			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	330	450	450			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		Under Overhauling	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	405	379	400	400			
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	60	0	90	100		1 Unit under maint	
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	130	0	0	150		ST Under maint.	
13	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	300	285	300	300			
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	0	15	15			
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	24	0	48	92			
16	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	13	0	10	18			
17	Summit Power, Madhabdi+Ashulia	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	41	26	41	41			
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	0	25	25			
19	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	16	32	32			
20	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	0	48	50			
21	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	34	0	105	105			
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	0	0	130	149			
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	0	35	35			
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	30	0	300	300			
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	0	70			
26	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	300	300			
27	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
28	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	80			
29	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	17	0	35	55			
30	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	0	37	37			
31	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	72	0	54	70			
32	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	17	0	108	162			
33	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	31	0	30	0			
34	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	17	17	17	35			
35	Siddhirgonj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	95	0	90	90			
36	Meghnaghat 100 MW(IEI)	HFO (NENP)	12x8.9	100	100	42	0	16	50			
37	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	0	0	90	90			
Dhaka Zone Total			6004	5847	2543	1548	3352	3987	201	1180		
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	25	25	25	25	205	Low water level	
39	a) Chattogram TPP-1 b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	120	120		Under maint.	
40	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	5	0	5	0	180		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	0	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	38	26	35			
44	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	51	17	105	105			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Under maint.	
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	220	225	225			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	103	170	120	300			
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	50	74	50	74			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	66	84			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	45	60			
51	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	13	0	13	13			
*	Malancha, Clq EPZ (United)	Gas	5x8.73+3x9.34			23	26	10	35			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	50			
53	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	0	17	54			
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	52	17	17	51			
55	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	38	12	63	90			
56	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	44	0	50	70			
57	Chattogram 116 MW PP (Anilma Energy Ltd.)	HFO (IPP)	6x21.06	116	116	34	34	34	34			
	Mirsharai 150 MW	HFO (BRPgen)	9x18.5			163	163	162	162		on test	
Chattogram Zone Total			2442	2382	988	967	1198	1612	205	330		
58	Ashuganj 50 MW PP	Gas (APSCl)	14x3.968	53	45	34	40	40	40			
59	Ashuganj 225 MW CCPP	Gas (APSCl)	1x142+175	221	221	204	189	210	210			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCl)	1x360	360	360	305	275	310	310			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCl)	1x361	360	360	290	285	300	305			
62	Ashuganj 420 MW CCPP(East)	Gas (APSCl)	1x284+1x116	400	400	0	0	0	0	400	Under maint.	
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	0	0	0	0	55	Gas Shortage	
64	Ashuganj 195MW PP (APSCl-United)	Gas (IPP)	20'9.73+1'16	195	195	108	8	63	63			
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	10	10	51	51			
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	16	5	80	150			
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	42	0	31	46			
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163	Under overhauling	
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	51	17	17	34			
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	18	18			
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	0	8	8			
72	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	0	21	33			
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	25	52			
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	0	21	21			
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	89x1.4+40x1.515+15x1.056	200	200	0	0	0	0			
76	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	17	0	17	106			
77	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	36	8	9	113			
78	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	0	35	35			
79	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	72	17	94	94			
**	limpoort (Tripura)	India		160	160	128	50	143	165			
Cumilla Zone Total			3159	3151	1392	904	1493	1854	55	563		
80	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	150	119	162	162	83	Gas Shortage	
81	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	14	0	16	19			
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	98	115	75	115			
83	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	163	163	160	170			
84	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
85	Sutakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	41	0	50	0			
86	Tangail 22 MW PP(RPCL)	HFO (IPP)	4x6.7	22	22	12	11	12	12			
Mymensingh Zone Total			622	614	470	408	477	478	83	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.04.23 (Yesterday)		28.04.23 (Today)		27.04.23 (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)			
87	Fenchugon CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	32	32	33	33		38	GT-1 & ST-1 Under maint.	
88	Fenchugon CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	28	28	28		62	GT-4 Under maint.	
89	Fenchugon 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	20	51	51				
90	Kushiera 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0		54	ST Under maint.	
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	0	8	8				
92	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	58	61	61	61				
93	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	79	30	85	84				
95	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	202	0	190	202				
96	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	17	18	18				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	0	10	10				
98	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	8	16	16	17		Gas Shortage	
99	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	280	300	310				
100	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	368	377	400	400				
101	Bibiana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	385	274	50	50				
102	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
103	Fenchugon 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	36	20	44	45				
Sylhet Zone Total					2472	2427	1560	1147	1294	1316	17	584	
104	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
105	Bheramara 410 MW CAPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	400	200	90	410				
106	Fariapur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	22	35				
107	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	55	74				
108	Khulna 225 MW CAPP	HSD/ Gas (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
109	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	0	0				
110	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x8.445	105	105	0	0	17	17				
111	Madhumati 100 MW PP	HFO (NWP/GCL)	6x8.415	105	105	15	0	0	100				
112	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	94	0	100	0				
113	Khulna 115 MW PP (KPL-2)	HFO (NENP)	7x17	115	115	24	0	85	98				
114	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	0	0	40				
115	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x617	617	617	0	0	0	0				
	Khulna 330 MW CAPP	Gas/HSD				97	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	490	491	509	509				
Khulna Zone Total					3005	3001	1120	691	878	1283	0	0	
116	Bansal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	32	0	16	64				
117	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	27	6	25	31				
118	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	59	62	60	60				
119	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	1120	250	750	1244				
120	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	17	150				
121	Bansal Electric 307 MW	Coal (IPP)	1x307	307	307	0	0	0	0				
122	Bhola 220MW CAPP (Nutan Bidyut BD Ltd)	Gas/HSD	2x75+1x70	220	220	0	0	0	0		220	Under maint.	
Barishal Zone Total					2265	2265	1238	318	868	1549	0	220	
123	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	60	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
124	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	26	26				
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	0	0	34				
127	Chapanawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	0	80	80				
128	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	24	42				
129	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	34	42				
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	35	35				
131	Sirajgonj 225MW CAPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	178	149	190	190				
132	Sirajgonj 225MW CAPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
133	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	184	159	160	200				
134	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	380	424	380	380				
135	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	16	21	22	22				
136	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	0	8	8				
137	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	0	8				
138	Baigura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	35	35	95	113				
139	Baigura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	35	57	35	113				
140	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	4	0	6	0				
	Adani Power Jharkhanda Ltd	Coal				510	425	500	500				
Raishahi Zone Total					2129	2129	1410	1270	1595	1793	391	0	
141	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	75	74	75	75	11		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	260	200	250	260			Coal Shortage	
143	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	15	0	0	0				
144	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	34	111	42	107				
145	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
146	Majpara, Tazula 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
147	Thekurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	35	115	35	115				
148	Lalmohini 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	33	0	30	0				
	Teesla Solar Limited	Solar (IPP)				155	0	130	0				
Rangpur Zone Total					830	750	614	500	570	557	11	85	
Sub-total: Plants in operation					22928	22566	11335.0	7753	11725	14429	963	2962	
(B) Plants under long term maintenance/ contract expired													
149	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0				
150	Kalpatthi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	52	0	0	0	0	0				
151	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	119	0	0	0	0	0				
152	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	0	0	0	0	0				
153	Ambari 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	0	0	0	0	14				
Sub-Total: Plants under long term maintenance/ contract expired					404	0	0	0	0	14	0	0	
Gross Total					23332	22566	11335	7753	11725	14443	963	2962	

(C) Actual data of 27.04.23 (Yesterday) Thursday :												
01.	Max. Demand at eve. peak (Generation end)	: 7753 MW, at = 20:00 hrs										
02.	Max. Demand at eve. peak (Sub-station end)	: 7488 MW, at = 20:00 hrs										
03.	Highest Generation (Generation end)	: 11551 MW, at = 14:00 hrs										
04.	Minimum Generation (Generation end)	: 9512 MW, at = 6:00 hrs										
05.	Day-peak Generation (Generation end)	: 11335 MW, at = 12:00 hrs										
06.	Evening-peak Generation (Generation end)	: 7753 MW, at = 20:00 hrs										
07.	Evening Peak Load-shed (Sub-station end)	: 0 MW, at = 20:00 hrs										
08.	Minimum Generation Forecast up to 8:00 hrs.	: 7561 MW, at = 5:00 hrs										
09.	Generation shortfall at evening peak due to :											
	a) Gas/LF limitation	: 747 MW										
	c) Coal supply Limitation	: 11 MW										
	b) Low water level in Kaptai lake	: 205 MW										
	c) Plants under shut down/ maintenance	: 2962 MW										
10.	Total Energy (Generation + India Import)	: 241.08 MWh										
	By Gas = 147.003 MWh	By Oil = 36.210 MWh										
	By Coal = 38.923 MWh	By Hydro = 0.289 MWh										
	By Solar = 2.596 MWh											
11.	Total Gas Supplied	: 1076.18 MMCFD										
(D) Forecast of 28.04.23 (Today) Friday :												
01.	Maximum Demand	: 11000 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 14443 MW (Generation end)	05.	Total Generation	: 229.58 MWh							
03.	Reserve / Shortage	: 3443 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	: 38.9° C							

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

(Md. Helalur Rahman)
Deputy Secretary, Generation