

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551093

Month April, 2024				Day : Friday				Date : 19.04.24				
Probable Maximum Demand : 14800 MW				Probable Maximum Generation : 16980 MW				Rule Curve = 84.60 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 76.89 ft				Today = 76.65 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.04.24 (Yesterday)		19.04.24 (Today)		18.04.24 (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 CAPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0		260	Under project work
2	a) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	170	220	180	220			
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180			
3	Ghorasal 365 MW CAPP 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	50	94	80	100			
5	Tongi 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	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	430	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 CAPP	Gas (EGCB)	1x273+1x139	412	400	362	333	330	330			
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	159	202	200	200			
11	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	312	324	0	335			
12	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	304	299	300	300			
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	10	20	25	25			
14	Gaganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	16	16	82	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+7x8.73	80	80	33	44	40	44			
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
18	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	30	22	22			
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	25	8	25			
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	70	17	100			
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	32	148	32	145			
22	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	17	0	17			
23	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	300	300			
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	127	130	149			
25	Nabaganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	0	0	17			
26	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	0	55			
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	8	34	53	68			
28	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	1	0	0	54			
29	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	31	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 CAPP	Gas	1x400+1x184	584	584	354	540	450	550			
	Meghnaghat 589 MW CAPP(Summit)	Gas				400	460	550	550			Test run
Dhaka Zone Total				5526	5332	3079	3701	3512	4366	105	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	Gas (PDB)	1 x 210	210	180	120	115	120	120	65		Gas Shortage
	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	5	25	8	25			
37	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0			
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	20	6	20			
39	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	17	34	17	34			
40	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.
41	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	213	211	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	0	0	0	0			
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	50	51	51	51			
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	16	64	64	69			
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			2	24	5	20			
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	13	12	12			
48	Sikalbaha 54 MW PP(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	36	13	36			
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	34	34	34			
50	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	0	0	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	34	17	34			
53	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	9	0	54	163			
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	278	270	280	280			
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	573	486	750	750			
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	22	10	40	40			
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				60	0	25	0			
Chattogram Zone Total				4464	4404	1479	1478	1795	1962	265	330	
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	37	39	39	39			
58	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1175	221	221	192	218	220	220			
59	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	280	280	280	280			
60	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	290	300	280	300			
61	Ashuganj 420 MW CAPP(East)	Gas (APSCL)	1x284+1x116	400	400	297	270	280	280			
62	Ashuganj 195MW PP (APSC-United)	Gas (IPP)	20*9.73+1*16	195	195	36	8	63	63	187		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	2	6	6	6			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	34	33	33			
66	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0		163	Under maint.
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	51	155	50	105			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	9	9	10	10			
69	Jangalia 33 MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	32	32	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	51	33	51			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	17	20	20			
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	52	114	70	114			
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	9	47	38	50			
74	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	0	17	17	17			
75	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	36	36	36	36			
76	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15*4	55	55	46	35	35	35			
**	Impoport (Tripura)	India		160	160	106	108	146	143			
Cumilla Zone Total				2937	2929	1571	1827	1740	1886	187	163	
77	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	80	90	100	110	112		Gas Shortage
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	49	98	50	100			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	61	102	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	27	0	50	0			
82	Tangail 22 MW PP(RPGL)	HFO (IPP)	4x6.7	22	22	12	12	6	12			
Mymensingh Zone Total				600	592	231	302	264	330	112	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.04.24 (Yesterday)		19.04.24 (Today)		18.04.24 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	40	43	43	43		27	Under maint.	
84	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	28	30	30		62	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	53	53				
86	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	112	112	110	112				
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	60	60	60	60				
89	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
90	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	204	205	210	210				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	16	18	18	18				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25				
93	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	290	300	300				
94	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	365	365	350	365				
95	Bibiyana South 363 MW CCGP	Gas (PDB)	1x252+1x131	383	383	345	340	350	380				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	96	98	97	100			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	41	38	47	47				
Sylhet Zone Total					2376	2331	1673	1674	1693	1743	0	419	
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
99	Bheramara 410 MW CCGP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	330	315	320	320		95	Gas Shortage	
100	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	42				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	50				
102	Khulna 225 MW CCGP	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	0	0	70	90				
104	Machumati 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	95	0	0	100	0				
106	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	0	375	375	375				
107	Khulna 330 MW CCGP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	928	784	947	802				
Khulna Zone Total					3703	3699	1353	1474	1612	1679	95	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	0	0	0	0				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	130	130	130	130		64	ST under maint.	
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	960	1000	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	250	180	150	307				
114	Bhola 220MW CCGP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
Barishal Zone Total					2265	2235	1560	1530	1809	2028	0	64	
115	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0				
	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	27	0	35				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	21	0	25				
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	95	50	95				
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	6	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	33	30	33				
122	Sirajgonj 225MW CCGP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	140	212	180	200				
123	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0		220	Gas Shortage	
124	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0		220	Gas Shortage	
125	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	414	414	414				
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	10	10	11	11				
127	Natore 52 MW PP (Rajanka)	HFO (IPP)	6x8.92	52	52	0	25	8	25				
128	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	15	95	36	95				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	23	90	35	90				
130	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	0	0	0	28				
131	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	3	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1013	1312	1400	1400				
Rajshahi Zone Total					3453	3431	1624	2379	2244	2535	440	100	
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	35	40	40				
	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	230	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	34	56	40	66				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
137	Majpara, Tatisila 8 MW Solar PP (Symba Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
138	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	35	75	35	115				
139	Lalmohithat 30 MW Solar (Intraac)	Solar (IPP)	1*30	30	30	20	0	30	0				
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	169	0	130	0				
Rangpur Zone Total					1030	950	495	396	513	451	0	85	
Sub-total: Plants in operation					26354	25903	13065.0	14761	15382	16980	1204	1901	
(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 CCGP(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	13065	14761	15382	16980	1204	1901	
(C) Actual data of 18.04.24 (Yesterday) Thursday :													
01.	Max. Demand at eve. peak (Generation end)	: 15080	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)	: 14386	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 14761	MW, at = 21:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	: 10862	MW, at = 8:00 hrs	Dhaka	4780	4780	0	Mymensingh	1246	1106	140		
05.	Day-peak Generation (Generation end)	: 13065	MW, at = 12:00 hrs	Chattogram	1473	1378	95	Sylhet	509	509	0		
06.	Evening-peak Generation (Generation end)	: 14761	MW, at = 21:00 hrs	Khulna	1837	1837	0	Barishal	491	491	0		
07.	Evening Peak Load-shed (Sub-station end)	: 305	MW, at = 21:00 hrs	Rajshahi	1697	1697	0	Rangpur	992	922	70		
08.	Minimum Generation Forecast up to 8:00 hrs.	: 11574	MW, at = 5:00 hrs	Cumilla	1361	1361	0	Total	14386	14081	305		
09.	Generation shortfall at evening peak due to :			13.	Fuel cost :	(a) Gas = 516014311 Taka	(c) Coal = 532589096 Taka						
	a) Gas/LF limitation	: 1004	MW		(b) Oil = 506087366 Taka	Total = 1554690773 Taka							
	d) Coal supply Limitation	: 0	MW										
	b) Low water level in Kaptai lake	: 200	MW										
	c) Plants under shut down/ maintenance	: 1901	MW	14.	Maximum Temperature in Dhaka = 36.8°C								
10.	Total Energy (Generation + India Import)	: 314.02	MKWh	15.	Export through East-West interconnections :								
	By Gas = 179.913 MKWh	By Oil = 27.749 MKWh			At evening peak-hour	: 13065	MW, at 21:00 hrs						
	By Coal = 79.595 MKWh	By Hydro = 0.717 MKWh			Maximum	: Mini Flow	MW, at #N/A						
	By Solar = 3.347 MKWh				Energy	: 0	MKWh						
11.	Total Gas Supplied	: 1353.90	MMCFD										
(D) Forecast of 19.04.24 (Today) Friday :													
01.	Maximum Demand	: 14800	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)					
02.	Maximum Generation	: 16980	MW (Generation end)	05.	Total Generation	: 314.85	MKWh						
03.	Reserve / Shortage	: 2180	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	36.8°C							

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

(Md. Helalur Rahman)
Deputy Secretary, Generation