

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2024		Day : Thursday				Date : 18.04.24					
Probable Maximum Demand : 15000 MW		Yesterday = 77.11 ft				Probable Maximum Generation : 16568 MW					
Water Level of Kaptai Lake at 06:00 AM		Today = 76.89 ft				Rule Curve = 84.60 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.04.24 (Yesterday)		18.04.24 (Today)		17.04.24 (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)	
(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	Gas (PDB)	1 x 210	210	180	180	161	180	180		
	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	64	12	60	75	96	Gas Shortage
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 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	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	400	338	345	320	330		
10	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	198	80	160	200		
11	Siddhirgonj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	314	324	335	335		
12	Meghnaghat 335MW CCGP(Summit)	Gas (IPP)	2x110+1x110	335	335	310	285	300	300		
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	25	25		
14	Gaganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	8	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+7x6.73	80	80	27	17	35	34		
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	0	33	33		
18	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	30	0	22	22		
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	17	17	100		
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	48	16	32	145		
22	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	5	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	115	131	133	130		
25	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	17	0	17		
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	15	17	53	68		
28	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	17	0	54		
29	Manikgonj 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 CCGP	Gas	1x400+1x184	584	584	584	358	450	550		
	Meghnaghat 589 MW CCGP(Summit)	Gas				400	250	550	550		Test run
Dhaka Zone Total				5526	5332	3347	2750	3775	4272	201	740
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	120	120	120	120	60	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	4	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	0	6	19		
39	Sikalbaha 105 MW PP (Baraka Sikalabaha)	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 CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	212	213	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	43	51	51	51		
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	24	48	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	23	10	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	0	0	17		
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	17	17	17		
53	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	0	163	54	163		
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	271	270	280	280		
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	634	573	780	800		
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	14	15	40	40		
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				44	0	25	0		
Chattogram Zone Total				4464	4404	1499	1680	1817	1975	230	330
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	38	39	39	39		
58	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1175	221	221	196	190	220	220		
59	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	270	270	280	280		
60	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x361	360	360	285	285	280	280		
61	Ashuganj 420 MW CCGP(East)	Gas (APSCCL)	1x284+1x116	400	400	260	287	280	300		
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*16	195	195	26	8	63	63	187	Gas Shortage
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	6	6	6		
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	26	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	34	105	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	0	33	30	33		
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	32	51	33	51		
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	19	20	20		
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	17	98	17	114		
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	7	29	38	50		
74	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	11	4	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	44	51	53	49		
**	Impoport (Tripura)	India		160	160	108	98	146	143		
Cumilla Zone Total				2937	2929	1431	1695	1702	1900	187	163
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	67	62	100	110	140	Gas Shortage
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	49	96	50	100		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	58	107	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	49	0	50	0		
82	Tangail 22 MW PP(RPGL)	HFO (IPP)	4x6.7	22	22	6	7	6	12		
Mymensingh Zone Total				600	592	231	272	264	330	140	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.04.24 (Yesterday)		18.04.24 (Today)		17.04.24 (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/Water Limitation MW	Machines shut down (MW)			
83	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	39	43	43	43		27	Under maint.	
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	28	30	30		62	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	49	53	53	53				
86	Kushiana 163 MW CAPP (K)	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	55	63	60	60				
89	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
90	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	205	206	210	210				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	18	18	18				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	8	25	25				
93	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	280	300	340				
94	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	365	365	350	350				
95	Bibiyana South 363 MW CAPP	Gas (PDB)	1x252+1x131	383	383	340	340	300	400				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	95	100	97	100			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	44	47	47	47				
Sylhet Zone Total					2376	2331	1643	1663	1643	1788	0	419	
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
99	Bheramara 410 MW CAPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	365	335	365	365	75		Gas Shortage	
100	Fandpur 50 MW Peaking PP	HFO (PDB)	6x8.98	54	54	0	29	0	42				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	33	0	50				
102	Khulna 225 MW CAPP	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	12	37	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	100	91	0	100	0				
106	Maitree Super Thermal 1320 MW PP	Coal (BIF/PCL)	2x617	1234	1234	0	0	0	0				
107	Khulna 330 MW CAPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	918	775	927	787				
Khulna Zone Total					3703	3699	1386	1209	1462	1334	75	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 CAPP	Gas (PDB)	2x63+1x68	194	194	130	130	130	130		64	ST under maint.	
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	720	600	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	307				
114	Bhola 220MW CAPP (Nutan Bidyt BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
Barishal Zone Total					2265	2235	1220	1100	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	30	0	25				
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	96	50	95				
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	41	40	50				
120	Katakali 50 MW PP (Northem)	HFO (NENP)	6x8.9	50	50	0	25	34	34				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	30	30				
122	Siraigonj 225MW CAPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	171	199	180	200				
123	Siraigonj 225MW CAPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
124	Siraigonj 225MW CAPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
125	Siraigonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	394	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	25	8	25				
128	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	20	95	36	95				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	2	88	35	88				
130	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	0	0	0	28				
131	Siraigonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	4	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1180	1014	1400	1400				
Rajshahi Zone Total					3453	3431	1802	2077	2244	2530	440	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	230	230	230	230	44		Coal Shortage	
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, Tahisa 8 MW Solar PP (Simpa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
138	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	36	115	35	115				
139	Lalmohant 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	187	0	130	0				
Rangpur Zone Total					1030	950	528	401	473	411	129	85	
Sub-total: Plants in operation					26354	25903	13087.0	12847	15189	16568	1402	1901	
(B) Plants under long term maintenance/ contract expired													
141	Katobti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0			Contract Expired	
142	Haripur 360MW CAPP(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	Bosha 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	13087	12847	15189	16568	1402	1901	
(C) Actual data of 17.04.24 (Yesterday) Wednesday :													
01.	Max. Demand at eve. peak (Generation end)	: 13100 MW, at = 21:00 hrs											
02.	Max. Demand at eve. peak (Sub-station end)	: 12527 MW, at = 21:00 hrs											
03.	Highest Generation (Generation end)	: 13591 MW, at = 15:00 hrs											
04.	Minimum Generation (Generation end)	: 11377 MW, at = 7:00 hrs											
05.	Day-peak Generation (Generation end)	: 13087 MW, at = 12:00 hrs											
06.	Evening-peak Generation (Generation end)	: 12847 MW, at = 21:00 hrs											
07.	Evening Peak Load-shed (Sub-station end)	: 242 MW, at = 21:00 hrs											
08.	Minimum Generation Forecast up to 8:00 hrs.	: 10862 MW, at = 5:00 hrs											
09.	Generation shortfall at evening peak due to :	:											
a)	Gas/LF limitation	: 1103 MW											
d)	Coal supply Limitation	: 129 MW											
b)	Low water level in Kaplai lake	: 170 MW											
c)	Plants under shut down/ maintenance	: 1901 MW											
10.	Total Energy (Generation + India Import)	: 303.75 MCKWh											
	By Gas = 173.754 MCKWh	By Oil = 25.887 MCKWh											
	By Coal = 76.245 MCKWh	By Hydro = 0.769 MCKWh											
	By Solar = 3.250 MCKWh												
11.	Total Gas Supplied	: 1324.64 MCMCFD											
(D) Forecast of 18.04.24 (Today) Thursday :													
01.	Maximum Demand	: 15000 MW (Generation end)											
02.	Maximum Generation	: 16568 MW (Generation end)											
03.	Reserve / Shortage	: 1568 MW (Generation end)											
04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)											
05.	Total Generation	: 335.24 MCKWh											
06.	Probable Max. Temperature in Dhaka :	36.0°C											
Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :													
		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW				
		Dhaka	3755	3755	0	Mymensingh	1030	1030	0				
		Chattogram	1415	1316	99	Sylhet	205	205	0				
		Khulna	1765	1765	0	Barishal	342	342	0				
		Rajshahi	1775	1775	0	Rangpur	1014	943	71				
		Cumilla	1226	1154	72	Total		12527	12285	242			
		13.	Fuel cost :	(a) Gas = 496705321 Taka	(c) Coal = 505603973 Taka								
				(b) Oil = 470510870 Taka	Total = 1472820164 Taka								
		14.	Maximum Temperature in Dhaka :	36.3°C									
		15.	Export through East-West interconnections :										
			At evening peak-hour	: 13087 MW, at 21:00 hrs									
			Maximum	: Mini Flow MW, at #N/A									
			Energy	: 0 MCKWh									

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

(Md. Helalur Rahman)
Deputy Secretary, Generation