

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9584667, 9551095

Month April, 2024				Day : Saturday				Date : 13.04.24				
Probable Maximum Demand : 12800 MW				Probable Maximum Generation : 15709 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 77.72 ft		Today = 77.59 ft		Rule Curve = 85.60 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.04.24 (Yesterday)		13.04.24 (Today)		12.04.24 (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	130	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	12	32	12	60	76	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 CAPP(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 CAPP	Gas (EGCB)	1x273+1x139	412	400	303	312	300	300			
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	122	201	120	200			
11	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	300	315	335	335			
12	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	310	298	330	330			
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	40	40			
14	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	0	91	91			
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	18	21	27	30			
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	16	16	33	33			
18	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	8	8	33	33			
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	8	25			
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	17	100			
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	0	16	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	0	0	300	300			
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	34	149	149			
25	Nabaganj 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	0	0	0	55			
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	0	53	53			
28	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	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	83	370	350	350	214	Gas Shortage	
	Meghnaghat 589 MW CAPP(Summit)	Gas				150	585	550	550		Test run	
Dhaka Zone Total				5526	5332	2023	3058	3640	4170	395	740	
33	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	0	30	30	30	200	Inadequate Water Level	
34	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	122	120	120	58	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	0	0	8	25			
37	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	8	0	20	0			
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	6	6			
39	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	0	0	34	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	214	213	211	211			
42	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	15	16	32			
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	0	51	51	51			
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	8	72	60	80			
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			38	38	40	40			
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	12	12			
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	0	17			
49	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	17	17	17			
50	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	0	11	12	12			
51	Juldah 100 MW Unit-1 (Acorn)	HFO (NENP)	8x13.45	100	100	0	0	80	80			
52	Chattogram 116 MW PP (Anlima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	0	17	17	17			
53	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	0	0	54	145			
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	340	420	524	524			
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	372	428	576	576			
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	0	7	40	40			
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				76	0	25	0			
Chattogram Zone Total				4464	4404	1186	1446	1963	2074	258	330	
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	5	33	36	36			
58	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1*75	221	221	210	219	220	220			
59	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	230	240	300	300			
60	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	280	280	330	330			
61	Ashuganj 420 MW CAPP(East)	Gas (APSCL)	1x284+1x116	400	400	230	230	330	330			
62	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	36	185	185	185			
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	0	0	6	6			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	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	36	155	50	155			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	10	10	10	10			
69	Jangalia 33 MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	25	30	30			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	25	25	52			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	17	17	20	20			
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	17	70	17	114			
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	13	48	38	58			
74	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	6	17	17	35			
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	5	40	44	52			
**	Impoprt (Tripura)	India		160	160	72	96	152	160			
Cumilla Zone Total				2937	2929	1216	1777	1930	2213	0	163	
77	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	192	199	200	200			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	49	99	50	100			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	58	107	56	105			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
81	Sutiakhali 50 MW Solar PP	Solar (IPP)	1x50	50	50	47	0	50	0			
82	Tangail 22 MW PP(PPGL)	HFO (IPP)	4x6.7	22	22	0	24	24	24			
Mymensing Zone Total				600	592	348	429	382	429	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.04.24 (Yesterday)		13.04.24 (Today)		12.04.24 (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	37	40	41	41		30	Under maint.			
84	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	30	30	30		60	GT-4 Under maint.			
85	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	50	53	53						
86	Kushara 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	80	112	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	40	63	63	63						
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	198	205	210	210						
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	15	17	20	20						
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	25	25						
93	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	295	320	320						
94	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	378	294	0	0						
95	Bibiyana South 383 MW CCGP	Gas (PDB)	1x252+1x131	383	383	340	212	0	0						
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	20	0	0	0			Test run			
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	5	25	47	47						
Sylhet Zone Total				2376	2331	1456	1367	919	919	0	420				
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0						
99	Bheramara 410 MW CCGP	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 CCGP	HSD/ Gas (NWPGL)	1 x 150+1x75	230	230	0	0	0	0						
103	Rupsha 105 MW PP (Orion rupsha)	Gas (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	92	0	100	0	0						
106	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	0	0	0	0						
107	Khulna 330 MW CCGP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0						
**	Bheramara (HVDC)	India		1000	1000	636	777	800	945						
Khulna Zone Total				3703	3699	728	777	1016	1127	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	0	11	7	10						
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	65	65	130	130		129	ST under maint.			
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	500	620	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	140	140	150	150						
114	Bhola 220MW CCGP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	180	220	220	220						
Barishal Zone Total				2265	2235	885	1056	1816	1881	0	129				
115	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	55	60	60	60						
	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	0	0	50						
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	30						
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	0	50	96						
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	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	0	30	30						
122	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	175	150	200	210		60	Gas Shortage			
123	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0		220	Gas Shortage			
124	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0		220	Gas Shortage			
125	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	350	313	380	400		101	Gas Shortage			
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	8						
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	8	8						
128	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	35	35	70						
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	35	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	4	0	6	0						
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	811	920	1400	1400						
Rajshahi Zone Total				3453	3431	1400	1521	2321	2551	601	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	177	200	200	200		74	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	0	56	35	70						
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
137	Majipara, Tatulia 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	0	75	35	75						
139	Lalmohit 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	32	0	30	0						
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	179	0	130	0						
Rangpur Zone Total				1030	950	395	331	438	345	159	85				
Sub-total: Plants in operation				26354	25903	9637.0	11762	14425	15709	1823	1967				
(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	9637	11762	14425	15709	1823	1967				
(C) Actual data of 12.04.24 (Yesterday) Friday :															
01.	Max. Demand at eve. peak (Generation end)	:	11762	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)	:	11230	MW,	at =	21:00	hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	11987	MW,	at =	22:00	hrs	Dhaka	2895	2895	0	Mymensingh	1149	1149	0
04.	Minimum Generation (Generation end)	:	8664	MW,	at =	6:00	hrs	Chattogram	1129	1129	0	Sylhet	507	507	0
05.	Day-peak Generation (Generation end)	:	9637	MW,	at =	12:00	hrs	Khulna	1560	1560	0	Barishal	416	416	0
06.	Evening-peak Generation (Generation end)	:	11762	MW,	at =	21:00	hrs	Rajshahi	1418	1418	0	Rangpur	843	843	0
07.	Evening Peak Load-shed (Sub-station end)	:	0	MW,	at =	21:00	hrs	Cumilla	1314	1314	0				
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9604	MW,	at =	5:00	hrs					Total	11230	11230	0
09.	Generation shortfall at evening peak due to :	:						13.	Fuel cost :	(a) Gas = 444384103 Taka	(c) Coal = 427923596 Taka				
	a) Gas/LF limitation	:	1464	MW						(b) Oil = 226022672 Taka	Total = 1098330370 Taka				
	d) Coal supply Limitation	:	159	MW											
	b) Low water level in Kaptai lake	:	200	MW											
	c) Plants under shut down/ maintenance	:	1967	MW											
10.	Total Energy (Generation + India Import)	:	245.86	MKWh				14.	Maximum Temperature in Dhaka was :	36.9°C					
	By Gas = 146.620 MKWh			By Oil = 12.306 MKWh				15.	Export through East-West interconnections :						
	By Coal = 63.871 MKWh			By Hydro = 0.336 MKWh					At evening peak-hour	:	9637	MW,	at	21:00	hrs
	By Solar= 3.263 MKWh								Maximum	:	30	MW,	at	21:00	hrs
11.	Total Gas Supplied	:	1150.56	MMCFD					Energy	:	0	MKWh			
(D) Forecast of 13.04.24 (Today) Saturday :															
01.	Maximum Demand	:	12800	MW	(Generation end)			04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15709	MW	(Generation end)			05.	Total Generation	:	262.54	MKWh			
03.	Reserve / Shortage	:	2909	MW	(Generation end)			06.	Probable Max. Temperature in Dhaka :	:	36.9°C				

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

(Md. Helalur Rahman)
Deputy Secretary, Generation