

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9584667, 9551095

Month April, 2024				Day : Thursday				Date : 11.04.24			
Probable Maximum Demand : 11300 MW				Probable Maximum Generation : 15897 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 78.26 ft		Today = 78.09 ft		Rule Curve = 86.00 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.04.24 (Yesterday)		11.04.24 (Today)		10.04.24 (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 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	150	180	180		
	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	5	64	5	60	44	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	330	400	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	318	324	350	350		
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	154	160	160	56	Gas Shortage
11	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	240	328	335	335		
12	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	295	301	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	24	24	39	39		
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	7	6	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	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	0	0	300	300		
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	40	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	19	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	0	0	0	0	584	Gas Shortage
	Meghnaghat 589 MW CAPP(Summit)	Gas				130	130	150	150		Test run
Dhaka Zone Total				5526	5332	1694	2149	2985	3399	789	740
33	Kamaphuli 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	79	118	120	120	62	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	0	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	0	17	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	212	211	211	211		
42	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	16	32	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	3	51	51	51		
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	41	80	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			40	42	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	11	11	12	12		
51	Juldah 100 MW Unit-1 (Acorn)	HFO (NENP)	8x13.45	100	100	0	36	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	0	0	54	145		
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	282	400	490	490		
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	314	464	730	730		
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	1	16	40	40		
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				51	0	25	0		
Chattogram Zone Total				4464	4404	1125	1608	2063	2194	232	330
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	37	37	36	36		
58	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1*75	221	221	196	197	220	220		
59	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	220	290	300	300		
60	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	290	295	330	330		
61	Ashuganj 420 MW CAPP(East)	Gas (APSCL)	1x284+1x116	400	400	260	295	330	330		
62	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	73	155	90	160	40	Gas Shortage
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	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	51	100	50	151		
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	33	33	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	3	17	20	20		
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	34	114	45	114		
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	38	48	38	58		
74	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	0	0	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	10	52	44	52		
**	Impoprt (Tripura)	India		160	160	82	94	152	160		
Cumilla Zone Total				2937	2929	1398	1849	1863	2184	40	163
77	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	193	198	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	1	0	1.6	0		
81	Sutiakhali 50 MW Solar PP	Solar (IPP)	1x50	50	50	53	0	50	0		
82	Tangail 22 MW PP(PPGL)	HFO (IPP)	4x6.7	22	22	12	24	22	22		
Mymensing Zone Total				600	592	366	428	380	427	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.04.24 (Yesterday)		11.04.24 (Today)		10.04.24 (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	40	41	41	41		29	Under maint.			
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	29	30	30		61	GT-4 Under maint.			
85	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	0	53	53	53						
86	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	80	80	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	10	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	204	204	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 CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	305	320	320						
94	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	340	325	400	400						
95	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	319	355	350	380						
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	70	0	100	100			Test run			
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	0	43	47	47						
Sylhet Zone Total				2376	2331	1396	1537	1746	1796	0	420				
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0						
99	Bheramara 410 MW CCPP	Gas (NWPGCL)	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 (NWPGCL)	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 (NWPGCL)	6x18.415	105	105	0	0	0	0						
105	Mongla Orion 100 MW Solar PP	Solar (IPP)	100	100	65	0	100	0	0						
106	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	379	0	0	0						
107	Khulna 330 MW CCPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0						
**	Bheramara (HVDC)	India		1000	1000	928	927	938	938						
Khulna Zone Total				3703	3699	1372	927	1154	1120	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	0	7	10						
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	80	80	130	130		114	ST under maint.			
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	515	960	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	200	150	150						
114	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	180	180	220	220						
Barishal Zone Total				2265	2235	925	1420	1816	1881	0	114				
115	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	55	60	55	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	30	30	30						
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	140	168	200	210						
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage			
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage			
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	250	344	380	400						
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	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 (NWPGCL)	1x6	6	6	1	0	6	0						
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	827	1018	1400	1400						
Rajshahi Zone Total				3453	3431	1284	1701	2316	2551	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	200	170	200	200	104		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	42	64	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	36	95	35	75						
139	Lalmonirhat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	31	0	30	0						
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	173	0	130	0						
Rangpur Zone Total				1030	950	489	329	438	345	189	85				
Sub-total: Plants in operation				26354	25903	10049.0	11948	14761	15897	2100	1952				
(B) Plants under long term maintenance/ contract expired															
141	Katpott 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			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	10049	11948	14761	15897	2100	1952				
(C) Actual data of 10.04.24 (Yesterday) Wednesday :															
01.	Max. Demand at eve. peak (Generation end)	:	11948	MW,	at =	19:30	hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand at eve. peak (Sub-station end)	:	11373	MW,	at =	19:30	hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	11948	MW,	at =	19:30	hrs	Dhaka	3049	3049	0	Mymensingh	1151	1151	0
04.	Minimum Generation (Generation end)	:	8885	MW,	at =	7:00	hrs	Chattogram	1187	1187	0	Sylhet	483	483	0
05.	Day-peak Generation (Generation end)	:	10049	MW,	at =	12:00	hrs	Khulna	1507	1507	0	Barishal	400	400	0
06.	Evening-peak Generation (Generation end)	:	11948	MW,	at =	19:30	hrs	Rajshahi	1411	1411	0	Rangpur	922	922	0
07.	Evening Peak Load-shed (Sub-station end)	:	0	MW,	at =	19:30	hrs	Cumilla	1263	1263	0				
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9132	MW,	at =	5:00	hrs					Total	11373	11373	0
09.	Generation shortfall at evening peak due to :	:						13.	Fuel cost :	(a) Gas = 453373884 Taka	(c) Coal = 474146164 Taka				
	a) Gas/LF limitation	:	1741	MW						(b) Oil = 304406804 Taka	Total = 1231926851 Taka				
	d) Coal supply Limitation	:	189	MW											
	b) Low water level in Kaptai lake	:	170	MW											
	c) Plants under shut down/ maintenance	:	1952	MW											
10.	Total Energy (Generation + India Import)	:	260.56	MKWh				14.	Maximum Temperature in Dhaka was :	35.4°C					
	By Gas =	145.699	MKWH		By Oil =	16.562	MKWh	15.	Export through East-West interconnections :						
	By Coal =	70.328	MKWH		By Hydro =	0.921	MKWh		At evening peak-hour	10049	MW,	at	19:30	hrs	
	By Solar =	2.844	MKWH						Maximum	70	MW,	at	21:00	hrs	
11.	Total Gas Supplied	:	1150.23	MMCFD					Energy	0	MKWh				
(D) Forecast of 11.04.24 (Today) Thursday :															
01.	Maximum Demand	:	11300	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	15897	MW	(Generation end)	05.	Total Generation	:	246.43	MKWh					
03.	Reserve / Shortage	:	4597	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	35.4°C						

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

(Md. Helalur Rahman)
Deputy Secretary, Generation