

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2024				Day : Monday				Date : 22.04.24				
Probable Maximum Demand : 16200 MW				Probable Maximum Generation : 16697 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 76.17 ft				Today = 75.92 ft				
								Rule Curve = 83.80 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.04.24 (Yesterday)		22.04.24 (Today)		21.04.24 (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 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	Gas (PDB)	1 x 210	210	180	200	220	220	220			
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180			
3	Ghorasal 365 MW CCPP 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	0	0	0	0		108	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 CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	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 CCPP	Gas (EGCB)	1x273+1x139	412	400	358	347	350	350			
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	93	97	100	100		113	Gas Shortage
11	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	315	322	335	335			
12	Meghnaghat 335MW CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	305	279	310	310			
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	25	40	40	40			
14	Gaganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	82	90	75	92			
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	32	33	44	44			
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
18	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	27	33	33			
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	16	25	8	25			
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	105	17	105			
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	64	147	32	150			
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	88	286	300	300			
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	97	98	100	115			
25	Nababganj 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	17	17	0	55			
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	52	53	53	52			
28	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	17	35	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 CCPP	Gas	1x400+1x184	584	584	0	477	390	550			
	Meghnaghat 589 MW CCPP(Summit)	Gas				577	584	550	550			Test run
Dhaka Zone Total				5526	5332	3104	3954	3670	4192	326	740	
33	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	55	55	30	60	175		Inadequate Water Level
34	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	112	115	115	115			
	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	2	0	5	0			
36	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	4	25	8	25			
37	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	9	0	20	0			
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	32	0	6	20			
39	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	85	17	85	85			
40	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.
41	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	213	213	211	211			
42	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	49	16	50	16			
43	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	50	12	50	50			
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	50	50	51	51			
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	64	77	40	77			
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			0	12	0	20			
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	100	25	50	100			
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	17	13	36			
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	88	34	51	51			
50	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	34	12	10	10			
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	0	17	17			
53	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	53	163	54	163			
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	275	271	270	270			
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	367	369	370	370			
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	39	15	40	40			
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				33	0	25	0			
Chattogram Zone Total				4464	4404	1790	1503	1576	1792	175	330	
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	34	38	40	40			
58	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1175	221	221	208	217	220	220			
59	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	295	275	280	280			
60	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	300	280	280	300			
61	Ashuganj 420 MW CCPP(East)	Gas (APSCCL)	1x284+1x116	400	400	290	360	330	360			
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*16	195	195	0	8	0	0	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	5	6	6	6			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	33	33	33	33			
66	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0		163	Under maint.
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	35	198	51	155			
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	25	33	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	28	48	33	51			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	18	20	20			
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	78	107	114	114			
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	28	47	9	48			
74	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	35	35	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	41	10	20	48			
**	Impoport (Tripura)	India		160	160	126	110	146	144			
Cumilla Zone Total				2937	2929	1672	1919	1729	1966	187	163	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	68	97	70	100			Gas Shortage
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	47	97	50	100			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	57	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	48	0	50	0			
82	Tangail 22 MW PP(RPGL)	HFO (IPP)	4x6.7	22	22	17	18	12	18			
Mymensingh Zone Total				600	592	239	319	240	326	105	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.04.24 (Yesterday)		22.04.24 (Today)		21.04.24 (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	42	43	43		28	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	50	11	50	50				
86	Kushiana 163 MW CCPP (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	53	57	60	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	200	207	210	210				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	18	18	18				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	25	25				
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	265	300	300				
94	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	381	365	400	400				
95	Bibiyana South 363 MW CCPP	Gas (PDB)	1x252+1x131	383	383	345	345	350	380				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	91	95	95	95			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	39	10	44	44				
Sylhet Zone Total					2376	2331	1672	1572	1735	1767	0	419	
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
99	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	405	400	400	410				
100	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	29	0	42				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	48	0	50				
102	Khulna 225 MW CCPP	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	56	90	70	90				
104	Machumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	0	0				
105	Morla Orion 100 MW Solar PP	Solar (IPP)	100	100	100	50	0	100	0				
106	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	341	376	375	375				
107	Khulna 330 MW CCPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	919	775	942	654				
Khulna Zone Total					3703	3699	1771	1718	1887	1621	0	0	
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32	48	110				
109	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	10	9	10	9	9				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	130	130	130	130		64	ST under maint.	
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	820	1080	1244	1244				
112	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	17	17				
113	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	200	180	150	307				
114	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
Barishal Zone Total					2265	2235	1379	1669	1818	2037	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	39	0	35				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	22	0	25				
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	93	50	95				
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	42	40	50				
120	Katakali 50 MW PP (Northern)	HFO (NENP)	6x8.9	50	50	34	34	34	34				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	38	30	33				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	174	177	200	200				
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0		220	Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0		220	Gas Shortage	
125	Sirajgonj 400 MW CCPP 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	11	11	11	11				
127	Natore 52 MW PP (Rajanka)	HFO (IPP)	6x8.92	52	52	0	8	8	25				
128	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	35	95	35	95				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	21	94	35	90				
130	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	14	35	0	28				
131	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	5	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1313	1470	1400	1400				
Rajshahi Zone Total					3453	3431	2021	2572	2263	2535	440	100	
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	56	60	60	60				
	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	35	56				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
137	Majpara, Tatisa 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	95	94	115	115				
139	Lalmohitha 30 MW Solar (Intraac)	Solar (IPP)	1*30	30	30	34	0	30	0				
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	191	0	130	0				
Rangpur Zone Total					1030	950	647	440	608	461	0	85	
Sub-total: Plants in operation					26354	25903	14295.0	15666	15526	16697	1233	1901	
(B) Plants under long term maintenance/ contract expired													
141	Katobdi 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	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	14295	15666	15526	16697	1233	1901	
(C) Actual data of 21.04.24 (Yesterday) Sunday :													
01.	Max. Demand at eve. peak (Generation end)	: 16000	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)	: 15248	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 15666	MW, at = 21:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	: 13060	MW, at = 7:00 hrs	Dhaka	5284	5264	20	Mymensingh	1314	1164	150		
05.	Day-peak Generation (Generation end)	: 14295	MW, at = 12:00 hrs	Chattogram	1359	1359	0	Sylhet	475	475	0		
06.	Evening-peak Generation (Generation end)	: 15666	MW, at = 21:00 hrs	Khulna	1958	1958	0	Barishal	502	502	0		
07.	Evening Peak Load-shed (Sub-station end)	: 319	MW, at = 21:00 hrs	Rajshahi	1830	1830	0	Rangpur	1039	939	100		
08.	Minimum Generation Forecast up to 8:00 hrs.	: 12877	MW, at = 5:00 hrs	Cumilla	1486	1437	49	Total	15248	14929	319		
09.	Generation shortfall at evening peak due to :			13.	Fuel cost :	(a) Gas = 507542199 Taka	(c) Coal = 614463962 Taka						
	a) Gas/LF limitation	: 1058	MW			(b) Oil = 836974622 Taka	Total = 195890783 Taka						
	d) Coal supply Limitation	: 0	MW										
	b) Low water level in Kaptai lake	: 175	MW										
	c) Plants under shut down/ maintenance	: 1901	MW	14.	Maximum Temperature in Dhaka was : 38.2°C								
10.	Total Energy (Generation + India Import)	: 347.03	MKWh	15.	Export through East-West interconnections :								
	By Gas = 182.001 MKWh	By Oil = 45.738 MKWh			At evening peak-hour	: 14295	MW, at 21:00 hrs						
	By Coal = 90.257 MKWh	By Hydro = 0.663 MKWh			Maximum	: 886	MW, at 7:00 hrs						
	By Solar = 3.373 MKWh				Energy	: 0	MKWh						
11.	Total Gas Supplied	: 1342.61	MMCFD										
(D) Forecast of 22.04.24 (Today) Monday :													
01.	Maximum Demand	: 16200	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 16697	MW (Generation end)	05.	Total Generation : 358.86 MKWh								
03.	Reserve / Shortage	: 497	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 38.2°C								

* Captive Power ** Imported Power
#Remarks: Highest Generation 15666 MW on 21-04-2024 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation