

**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel : 9564667, 9551093

Month April, 2024			Day : Wednesday		Date : 24.04.24							
Probable Maximum Demand : 16800 MW			Probable Maximum Generation : 16915 MW		Rule Curve = 83.40 ft.							
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 75.80 ft		Today = 75.58 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.04.24 (Yesterday)		24.04.24 (Today)		23.04.24 (Yesterday) Gen. shortfall for : Gas/Coal/oil/Water Limitation (MW)	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)					
					Day	Evening	Day	Evening	Day	Evening		
(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	180	200	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)	1x254+1x126	365	365	0	0	0	0		365	Awaiting for HGPI
4	Ghorashal 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	Under maint.
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	393	387	380	380			
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	97	136	100	150	74		Gas Shortage
11	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	305	320	335	335			
12	Meghnaghat 335MW CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	297	315	310	310			
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	40	40	40			
14	Gaganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	8	82	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+7x8.73	80	80	32	32	44	44			
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
18	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	31	30	33	33			
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	16	16	16	16			
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	35	90	17	105			
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	48	128	32	150			
22	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	0	17	17			
23	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	142	273	300	300			
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	101	133	132	135			
25	Nababganj 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	17	0	55			
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	53	70	72	72			
28	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	17	35	0	54			
29	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	23	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	0	25			
32	Unique Meghnaghat 584MW CCPP	Gas	1x400+1x184	584	584	282	530	360	530			
	Meghnaghat 589 MW CCPP(Summit)	Gas				250	350	350	350			Test run
Dhaka Zone Total				5526	5332	3067	3847	3531	4131	182	845	
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	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	4	0	5	0			
36	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	5	25	8	25			
37	Teknaf 20MW PP (SolarsTech)	Solar (IPP)	1x20	20	20	17	0	20	0			
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	19	6	20			
39	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	17	34	17	34			
40	Sikalbaha 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	214	210	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	12	12	12	12			
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	34	51	51	51			
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	15	56	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	18	2	20			
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	25	12	25			
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	54	13	36			
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	51	17	51			
50	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	12	12	12	12			
51	Juldah 100 MW Unit-1 (Acom)	HFO (NENP)	8x13.45	100	100	0	0	0	0			
52	Chattogram 116 MW PP (Arnilma Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	51			
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	270	270	275	275			
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	590	574	750	750			
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	6	0	40	40			
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				57	0	25	0			
Chattogram Zone Total				4464	4404	1538	1787	1753	2019	170	330	
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	36	40	40	40			
58	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1175	221	221	181	214	220	220			
59	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	290	270	280	280			
60	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	305	280	280	300			
61	Ashuganj 420 MW CCPP(East)	Gas (APSCCL)	1x284+1x116	400	400	270	280	300	300			
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	0	0	0	195		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	6	6	6	6			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	33	36	33	36			
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	96	155	100	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	33	16	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	52	34	51			
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	52	114	114	114			
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	50	65	55	65			
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	80	36	95			
76	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15*4	55	55	44	48	48	48			
**	Impoport (Tripura)	India		160	160	122	104	146	144			
Cumilla Zone Total				2937	2929	1701	1873	1823	1985	195	163	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	65	71	70	100	131		Gas Shortage
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	48	96	50	107			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	57	105	56	108			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
81	Sutakhir 50 MW Solar PP	Solar (IPP)	1x50	50	50	43	0	50	0			
82	Tangail 22 MW PP(RPCL)	HFO (IPP)	4x6.7	22	22	18	18	12	18			
Mymensing Zone Total				600	592	233	290	240	333	131	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.04.24 (Yesterday)		24.04.24 (Today)		23.04.24 (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	38	41	43	43		29	Under maint.	
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	28	30	30		62	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakattallah)	Gas (RPP)	19x2.90	51	51	49	53	50	50				
86	Kushiana 163 MW CCPP (KPI)	Gas (IPP)	1x109+1x54	163	163	112	112	112	112				
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	5	0	0				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	55	51	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	199	201	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	8	16	25	25				
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	335	300	300				
94	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	407	403	400	400				
95	Bibiyana South 363 MW CCPP	Gas (PDB)	1x252+1x131	383	383	340	388	380	380				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	94	95	95	95			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	38	40	44	44				
	Sylhet Zone Total			2376	2331	1699	1786	1767	1767	0	421		
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
99	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	390	405	400	410				
100	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	37	0	42				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	50	0	50				
102	Khulna 225 MW CCPP	HSD/ Gas (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	90	90	90				
104	Machumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	0	0				
105	Morola Orion 100 MW Solar PP	Solar (IPP)	100	100	99	0	100	0	0				
106	Matlree Super Thermal 1320 MW PP	Coal (BIPCL)	2x617	1234	1234	339	373	375	375				
107	Khulna 330 MW CCPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	924	643	943	683				
	Khulna Zone Total			3703	3699	1769	1598	1908	1650	0	0		
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	48	110				
109	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	10	4	10	10	10				
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	860	1100	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	200	250	150	307				
114	Bhola 220MW CCPP (Nutan Bidyt BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
	Barishal Zone Total			2265	2235	1414	1726	1819	2038	0	64		
115	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	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	38	35				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	23	0	25				
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	6	85	50	95				
119	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	40	40	50				
120	Katakhali 50 MW PP (Northem)	HFO (NENP)	6x8.9	50	50	34	34	34	34				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	30	33				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	194	205	200	200				
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	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	0	0	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	75	35	95				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	50	70	50	70				
130	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	0	35	0	35				
131	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	3	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1213	1508	1400	1400				
	Rajshahi Zone Total			3453	3431	1949	2571	2316	2522	511	100		
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	68	69	69	69				
	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	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, Tahata 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	56	114	115	115				
139	Lalmohithat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	35	0	30	0				
140	Teesa Solar Limited	Solar (IPP)	1 x 200	200	200	201	0	130	0				
	Rangpur Zone Total			1030	950	601	469	617	470	0	85		
	Sub-total: Plants in operation			26354	25903	13971.0	15947	15774	16915	1189	2008		
(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 CCPP(HPLC)	Gas (IPP)	1x235+1x125	360	0	0	0	0	0				Contract Expired
143	Jamalganj 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(CICL)	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	13971	15947	15774	16915	1189	2008		

(C) Actual data of 23.04.24 (Yesterday) Tuesday :				12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
01. Max. Demand at eve. peak (Generation end)	16720 MW, at = 21:00 hrs	Dhaka Chattogram Khulna Rajshahi Cumilla	Zone	Demand	Supply	Load Shed	Demand	Supply	Load Shed	
02. Max. Demand at eve. peak (Sub-station end)	16033 MW, at = 21:00 hrs			MW	MW	MW	MW	MW	MW	MW
03. Highest Generation (Generation end)	15947 MW, at = 21:00 hrs			5527	5403	124	Mymensingh	1425	1125	300
04. Minimum Generation (Generation end)	13122 MW, at = 7:00 hrs			1586	1458	128	Sylhet	596	596	0
05. Day-peak Generation (Generation end)	13971 MW, at = 12:00 hrs			1947	1947	0	Barishal	509	509	0
06. Evening-peak Generation (Generation end)	15947 MW, at = 21:00 hrs			1865	1865	0	Rangpur	1025	929	96
07. Evening Peak Load-shed (Sub-station end)	738 MW, at = 21:00 hrs			1554	1464	90				
08. Minimum Generation Forecast up to 8:00 hrs.	12982 MW, at = 5:00 hrs									
09. Generation shortfall at evening peak due to :				13. Fuel cost : (a) Gas = 504685742 Taka (c) Coal = 669846249 Taka		(b) Oil = 781898499 Taka		Total = 1956430490 Taka		
a) Gas/LF limitation : 1019 MW				14. Maximum Temperature in Dhaka was : 38.4°C						
d) Coal supply Limitation : 0 MW		15. Export through East-West interconnections :								
b) Low water level in Kaptai lake : 170 MW		At evening peak-hour : 13971 MW, at 21:00 hrs								
c) Plants under shut down/ maintenance : 2008 MW		Maximum : 800 MW, at 7:00 hrs								
10. Total Energy (Generation + India Import) : 341.84 MMCFD		Energy : 0 MMCFD								
By Gas = 174.343 MKWh		By Oil = 42.523 MKWh								
By Coal = 99.391 MKWh		By Hydro = 0.767 MKWh								
By Solar = 3.439 MKWh										
11. Total Gas Supplied : 1321.89 MMCFD										
(D) Forecast of 24.04.24 (Today) Wednesday :				04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
01. Maximum Demand :	16800 MW (Generation end)			05. Total Generation : 360.13 MMCFD						
02. Maximum Generation :	16915 MW (Generation end)			06. Probable Max. Temperature in Dhaka : 38.4°C						
03. Reserve / Shortage :	115 MW (Generation end)									

#Remarks: Highest Generation 16233 MW on 22-04-2024 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation