

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

Office of the Member, Generation
Tel : 9564667, 9551093

Month April, 2024				Day : Sunday				Date : 21.04.24				
Probable Maximum Demand :			16200 MW		Probable Maximum Generation :			16660 MW				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 76.41 ft	Today = 76.17 ft	Rule Curve = 84.00 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.04.24 (Yesterday)		21.04.24 (Today)		20.04.24 (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	200	200	200			
	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	357	336	350	350			
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	97	100	100		113	Gas Shortage
11	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	302	324	335	335			
12	Meghnaghat 335MW CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	308	309	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	66	50	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	33	38	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	27	31	33	33			
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	24	8	25			
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	90	17	105			
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	32	144	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	243	225	300	300			
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	49	108	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	0	17	0	55			
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	53	52	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	33	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	13	0	15	15			
32	Unique Meghnaghat 584MW CCPP	Gas	1x400+1x184	584	584	225	595	390	550			
	Meghnaghat 589 MW CCPP(Summit)	Gas				570	590	550	550			Test run
Dhaka Zone Total				5526	5332	3248	3977	3650	4172	326	740	
33	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	30	30	30	200		Inadequate Water Level
34	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	119	120	120			
	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	8	25	8	25			
37	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0			
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	9	33	6	20			
39	Sikalbaha 105 MW PP (Baraka Sikalabaha)	HFO (IPP)	6x18.415	105	105	17	34	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	212	211	211	211			
42	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	16	16	50	16			
43	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	0	50	50			
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	49	51	51	51			
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	40	40	40	40			
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	20	0	20			
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	17	99	50	100			
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	36	13	36			
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	34	51	51			
50	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	0	0	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	17	17	17			
53	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	54	163	54	163			
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	270	270	270	270			
55	Matbarani 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	426	371	370	370			
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	48	9	40	40			
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				58	0	25	0			
Chattogram Zone Total				4464	4404	1450	1583	1581	1730	200	330	
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	35	37	39	39			
58	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1175	221	221	208	205	220	220			
59	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	295	270	280	280			
60	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	305	280	300	300			
61	Ashuganj 420 MW CCPP(East)	Gas (APSCL)	1x284+1x116	400	400	300	309	300	300			
62	Ashuganj 195MW PP (APSC-United)	Gas (IPP)	20*9.73+1*16	195	195	55	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	5	11	6	6			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	22	28	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	51	90	50	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	30	33	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	31	50	33	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	34	52	114	114			
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	31	0	9	48			
74	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	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	40	47	48	48			
**	Impoport (Tripura)	India		160	160	118	110	146	144			
Cumilla Zone Total				2937	2929	1682	1652	1745	1905	195	163	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	99	117	70	100	85		Gas Shortage
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	48	98	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	41	0	50	0			
82	Tangail 22 MW PP(RPGL)	HFO (IPP)	4x6.7	22	22	12	18	12	18			
Mymensingh Zone Total				600	592	260	340	240	326	85	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.04.24 (Yesterday)		21.04.24 (Today)		20.04.24 (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	43	43	43		27	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 (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	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	57	58	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	203	205	210	210				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	23	24	25	25				
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	290	300	300				
94	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	375	365	400	400				
95	Bibiyana South 363 MW CCPP	Gas (PDB)	1x252+1x131	383	383	350	340	350	380				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	30	96	95	95			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	37	43	44	44				
Sylhet Zone Total					2376	2331	1618	1675	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	270	390	400	390				
100	Fardpur 50 MW Peaking PP	HFO (PDB)	6x8.98	54	54	0	28	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 (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	0	17	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	98	0	100	0	0				
106	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	375	374	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	937	792				
Khulna Zone Total					3703	3699	1662	1634	1882	1739	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	80	130	130	130		64	ST under maint.	
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	740	960	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	150	222	150	307				
114	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	180	220	220	220				
Barishal Zone Total					2265	2235	1159	1591	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	32	0	35				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	4	30	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	47	40	50				
120	Katakali 50 MW PP (Northern)	HFO (NENP)	6x8.9	50	50	0	34	34	34				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	30	33				
122	Siraigonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	177	184	200	200				
123	Siraigonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0		220	Gas Shortage	
124	Siraigonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0		220	Gas Shortage	
125	Siraigonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	361	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	2	95	35	95				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	33	94	35	90				
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	5	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1061	1408	1400	1400				
Rajshahi Zone Total					3453	3431	1696	2444	2263	2535	440	100	
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	45	47	48	48				
	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	70	35	56				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
137	Majpara, Tatalia 8 MW Solar PP (Sypsa Power)	Solar (IPP)	1 x 8	8	8	8	8	8	8				
138	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	35	115	115	115				
139	Lalmohithat 30 MW Solar (Intitaco)	Solar (IPP)	1*30	30	30	24	0	30	0				
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	176	0	130	0				
Rangpur Zone Total					1030	950	550	462	596	449	0	85	
Sub-total: Plants in operation					26354	25903	13325.0	15358	15510	16660	1246	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	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	13325	15358	15510	16660	1246	1901	
(C) Actual data of 20.04.24 (Yesterday) Saturday :													
01.	Max. Demand at eve. peak (Generation end)	: 15750	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)	: 15053	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 15358	MW, at = 21:00 hrs	Dhaka	5155	5115	40	Mymensingh	1378	1178	200		
04.	Minimum Generation (Generation end)	: 12059	MW, at = 8:00 hrs	Chattogram	1338	1338	0	Sylhet	561	561	0		
05.	Day-peak Generation (Generation end)	: 13325	MW, at = 12:00 hrs	Khulna	1928	1928	0	Barishal	500	500	0		
06.	Evening-peak Generation (Generation end)	: 15358	MW, at = 21:00 hrs	Rajshahi	1815	1815	0	Rangpur	1014	964	50		
07.	Evening Peak Load-shed (Sub-station end)	: 374	MW, at = 21:00 hrs	Cumilla	1364	1280	84						
08.	Minimum Generation Forecast up to 8:00 hrs.	: 13060	MW, at = 5:00 hrs					Total	15053	14679	374		
09.	Generation shortfall at evening peak due to :			13.	Fuel cost :	(a) Gas = 498032368 Taka	(c) Coal = 586792815 Taka						
	a) Gas/LF limitation	: 1046	MW		(b) Oil = 658804423 Taka	Total = 1743629606 Taka							
	d) Coal supply Limitation	: 0	MW										
	b) Low water level in Kaptai lake	: 200	MW										
	c) Plants under shut down/ maintenance	: 1901	MW										
10.	Total Energy (Generation + India Import)	: 327.64	MW/h	14.	Maximum Temperature in Dhaka was :	40.4°C							
	By Gas = 178.876	MKWH	By Oil = 35.918	MKWh	15.	Export through East-West interconnections :							
	By Coal = 86.338	MKWH	By Hydro = 0.734	MKWh		At evening peak-hour	: 13325	MW, at 21:00 hrs					
	By Solar = 3.289	MKWH				Maximum	: Mini Flow	MW, at #N/A					
						Energy	: 0	MKWh					
11.	Total Gas Supplied	: 1353.19	MMCFD										
(D) Forecast of 21.04.24 (Today) Sunday :													
01.	Maximum Demand	: 16200	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)					
02.	Maximum Generation	: 16660	MW (Generation end)	05.	Total Generation	: 345.61	MKWh						
03.	Reserve / Shortage	: 460	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	40.4°C							

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

(Md. Helalur Rahman)
Deputy Secretary, Generation