

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2024				Day : Saturday				Date : 20.04.24			
Probable Maximum Demand : 15500 MW				Probable Maximum Generation : 16246 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 76.65 ft				Today = 76.41 ft			
				Rule Curve = 84.20 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.04.24 (Yesterday)		20.04.24 (Today)		19.04.24 (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	140	210	200	200		
	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	100	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 CAPP(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 CAPP	Gas (EGCB)	1x273+1x139	412	400	357	349	370	370		
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	161	0	0	0	210	Gas Shortage
11	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	0	321	335	335		
12	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	286	307	310	310		
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	25	55		
14	Gaganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	8	66	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	16	37	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	26	24	33	33		
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	25	8	25		
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	35	35	17	105		
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	48	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	0	30	300	300		
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	132	109	134	134		
25	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	17	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	0	71	53	72		
28	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	17	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	306	302	350	350		
	Meghnaghat 589 MW CAPP(Summit)	Gas				570	585	550	550		Test run
Dhaka Zone Total				5526	5332	2879	3346	3540	3946	423	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	120	120	120	60	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	4	25	8	25		
37	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16	0	20	0		
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	6	6	20		
39	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	17	17	17	17		
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+3x8.94	300	300	16	16	16	16		
43	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	0	0	0		
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	50	51	51	51		
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	24	64	40	64		
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			16	31	5	20		
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	8	28	10	50		
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	36	13	36		
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	17	17		
50	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	0	0	0	0		
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	0	17	54	163		
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	274	279	270	270		
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	430	428	450	450		
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	21	17	40	40		
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				72	0	25	0		
Chattogram Zone Total				4464	4404	1355	1415	1430	1622	260	330
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	36	37	39	39		
58	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1175	221	221	211	214	220	220		
59	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	270	270	280	280		
60	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	285	290	300	300		
61	Ashuganj 420 MW CAPP(East)	Gas (APSCL)	1x284+1x116	400	400	250	310	300	300		
62	Ashuganj 195MW PP (APSC-United)	Gas (IPP)	20*9.73+1*16	195	195	0	8	8	8	187	Gas Shortage
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	15	51	51	51		
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	6	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	155	50	150		
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	0	33	33	33		
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	32	41	33	51		
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	17	20	20		
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	70	114	52	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	17	17	17	17		
75	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	37	36	36	36		
76	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15*4	55	55	44	46	48	48		
**	Impoport (Tripura)	India		160	160	92	106	146	143		
Cumilla Zone Total				2937	2929	1467	1807	1691	1907	187	163
77	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	35	85	80	85	117	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	106	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	47	0	50	0		
82	Tangail 22 MW PP(RPGL)	HFO (IPP)	4x6.7	22	22	6	18	6	18		
Mymensingh Zone Total				600	592	196	307	244	311	117	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.04.24 (Yesterday)		20.04.24 (Today)		19.04.24 (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	29	28	30	30		62	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	53	53	53				
86	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	80	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	40	56	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	205	204	210	210				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	18	18				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	23	22	25	25				
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	305	300	300				
94	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	363	366	400	400				
95	Bibiyana South 363 MW CCPP	Gas (PDB)	1x252+1x131	383	383	340	340	350	380				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	93	92	0	92			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	10	44	47	47				
Sylhet Zone Total					2376	2331	1551	1682	1646	1770	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	330	335	320	320				
100	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	42				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	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	0	0	70				
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	97	0	0	100	0				
106	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	376	375	375	375				
107	Khulna 330 MW CCPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	929	774	936	792				
Khulna Zone Total					3703	3699	1732	1484	1801	1669	0	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	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	580	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	140	200	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	1079	1660	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	0	0	35				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	25				
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	95	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	0	34	34				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	30	33				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	182	202	180	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	300	414	414	414				
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	10	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	0	70	35	95				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	70	35	90				
130	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	0	0	0	28				
131	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	4	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	839	1261	1400	1400				
Rajshahi Zone Total					3453	3431	1335	2208	2243	2535	440	100	
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	39	37	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	30	57	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	75	75	35	115				
139	Lalmohona 30 MW Solar (Intraac)	Solar (IPP)	1*30	30	30	27	0	30	0				
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	98	0	130	0				
Rangpur Zone Total					1030	950	506	399	516	449	0	85	
Sub-total: Plants in operation					26354	25903	12100.0	14308	14929	16246	1427	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	12100	14308	14929	16246	1427	1901	
(C) Actual data of 19.04.24 (Yesterday) Friday :													
01.	Max. Demand at eve. peak (Generation end)	: 14520 MW, at = 21:00 hrs											
02.	Max. Demand at eve. peak (Sub-station end)	: 13934 MW, at = 21:00 hrs											
03.	Highest Generation (Generation end)	: 14513 MW, at = 23:00 hrs											
04.	Minimum Generation (Generation end)	: 11411 MW, at = 9:00 hrs											
05.	Day-peak Generation (Generation end)	: 12100 MW, at = 12:00 hrs											
06.	Evening-peak Generation (Generation end)	: 14308 MW, at = 21:00 hrs											
07.	Evening Peak Load-shed (Sub-station end)	: 202 MW, at = 21:00 hrs											
08.	Minimum Generation Forecast up to 8:00 hrs.	: 12059 MW, at = 5:00 hrs											
09.	Generation shortfall at evening peak due to :												
a)	Gas/LF limitation	: 1227 MW											
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)	: 309.92 MMCFD											
	By Gas = 172.169 MKWh	By Oil = 29.261 MKWh											
	By Coal = 82.120 MKWh	By Hydro = 0.713 MKWh											
	By Solar = 3.205 MKWh												
11.	Total Gas Supplied	: 1293.08 MMCFD											
(D) Forecast of 20.04.24 (Today) Saturday :													
01.	Maximum Demand	: 15500 MW (Generation end)											
02.	Maximum Generation	: 16246 MW (Generation end)											
03.	Reserve / Shortage	: 746 MW (Generation end)											
04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)											
05.	Total Generation	: 331.00 MMCFD											
06.	Probable Max. Temperature in Dhaka :	38.4°C											
			12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
			Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW			
			Dhaka	4532	4532	0	Mymensingh	1244	1112	132			
			Chattogram	1306	1306	0	Sylhet	471	471	0			
			Khulna	1839	1839	0	Barishal	478	478	0			
			Rajshahi	1722	1722	0	Rangpur	959	889	70			
			Cumilla	1385	1385	0							
							Total	13934	13732	202			
			13.	Fuel cost :	(a) Gas = 483949946 Taka	(c) Coal = 558457316 Taka							
					(b) Oil = 533598054 Taka	Total = 1576005316 Taka							
			14.	Maximum Temperature in Dhaka :	38.4°C								
			15.	Export through East-West interconnections :									
				At evening peak-hour	: 12100 MW, at 21:00 hrs								
				Maximum	: Mini Flow MW, at #N/A								
				Energy	: 0 MMWh								

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

(Md. Helalur Rahman)
Deputy Secretary, Generation