

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 3564667, 9551095

Month October, 2023					Day : Tuesday				Date : 03.10.23					
Probable Maximum Demand : 14100 MW					Probable Maximum Generation : 16982 MW					Rule Curve = 106.18 ft.				
Water Level of Kapitai Lake at 06:00 AM					Yesterday = 108.05 ft		Today = 107.96 ft		03.10.23		02.10.23		03.10.23	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.10.23 (Yesterday)		03.10.23 (Today)		02.10.23 (Yesterday)		03.10.23 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/Coal/Water Limitation MW		Machines shut down (MW)		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening						
(A) Plants in operation:														
1	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0			260	Under project work	
2	a) Ghorasal Repowered CCGP Unit-4 b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	180	150	147	150	150					
3	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0			190	Gas Shortage	
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	52	52	52	52					
5	Tong 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0			105	Gas Shortage	
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0					
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	334	333	330	330					
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	420	450	450					
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			115	Under Overhauling	
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	379	395	412	412					
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	196	121	160	160			89	Gas Shortage	
12	Siddhirgonj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0			335	Under maint.	
13	Meghnaghat 335MW CCGP(Summit)	Gas (IPP)	2x110+1x110	335	335	253	259	310	310					
14	Madangan-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	3	15	15	55					
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	24	92	50	102					
16	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	17	20	20	20					
17	Summit Power(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	37	31	39	39					
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25					
19	Ruggan 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	23	23	25	25					
20	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	25	8	25					
21	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	35	105	34	105					
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	48	148	48	149					
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	54	17	54					
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	181	145	300	300					
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	17	84	50	105					
26	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	17	17	17	55					
27	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	35	35					
28	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	68	88	70	88					
29	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	54	90	54	108					
30	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	35	0	35	0					
31	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	34	54	17	54					
32	Siddhirgonj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	25	88	92	92					
33	Meghnaghat 100 MW(IEI)	HFO (NENP)	12x8.9	100	100	13	47	80	80					
34	Madangan 102 PP(Summit)	HFO (NENP)	6x17	102	102	2	65	85	85					
35	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	0	0	55	55					
	Meghnaghat Unique Power	Gas				0	0	0	0					
	Meghnaghat 589 MW CCGP(Summit)	Gas				0	0	0	0					
Dhaka Zone Total				5604	5422	2532	2978	3035	3520		295	799		
36	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	202	202	201	201					
37	a) Chattogram TPP-1 b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	71	77	80	80			180	Under maint.	
38	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2	0	5	0					
39	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	4	17	8	17					
40	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	6	0	20	0					
41	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	40	6	40					
42	Sikalbaha 105 MW PP (Baraka Sikabaha)	HFO (IPP)	6x18.415	105	105	51	51	51	51					
43	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0			150	Under maint.	
44	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	222	226	225	225					
45	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	70	272	70	300					
46	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	25	25	25	25					
47	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	17	17	17	30					
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	40	72	40	70					
49	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	9	9	9	9					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			4	25	5	25					
50	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0					
51	Sikalbaha 54 MW PP (Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	41	17	54					
52	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	55	55	55	55					
53	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	25	20	25	25					
54	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	25	25	25	25					
55	Chattogram 116 MW PP (Anima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	34	51	34	51					
56	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	34	17	54	150					
	SS Power Unit-1	Coal (IPP)				300	346	320	320				Test run	
	Matarbari 2*600 MW (CPGCL)	Coal				555	549	550	550				Test run	
	Cox's Bazar Wind PP	(Wind) (IPP)				6	7	10	20					
Chattogram Zone Total				2605	2545	1780	2144	1852	2323		0	330		
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	5	5	5	5					
58	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1*75	221	221	196	205	200	200					
59	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	250	305	300	305					
60	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x361	360	360	370	315	300	315					
61	Ashuganj 420 MW CCGP(East)	Gas (APSCCL)	1x284+1x116	400	400	240	240	240	240					
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*116	195	195	0	0	0	0					
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	50					
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	24	92	150	150					
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	31	0	31					
66	Chandpur 150 MW CCGP	Gas (PDB)	1x106+1x57	163	163	0	0	0	0			163	Under maint.	
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	17	17	17					
68	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	15	18	18	18					
69	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
70	Jangalia 33 MW PP (Summit))	Gas (SIPP, PDB)	4x8.73	33	33	0	25	33	33					
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	49	25	52					
72	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	12	12	12					
73	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	17	88	17	105					
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	27	84	26	88					
75	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	22	31	35	34					
76	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	72	73	17	72					
**	Import (Tirupura)	India		160	160	154	140	149	165					
Cumilla Zone Total				2904	2896	1491	1792	1606	1903		0	163		
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	22	33	35	65		169	Gas Shortage		
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	18	18	18					
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	37	103	37	104					
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	115	143	115	160					
81	Sarishabani 3 MW Solar Plant	Solar (IPP)	1x3	3	3	1	0	1.6	0					
82	Sutiakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	48	0	50	0					
83	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	13	18	18	18					
Mymensingh Zone Total				622	614	252	315	275	365		169	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.10.23 (Yesterday)		03.10.23 (Today)		02.10.23 (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)		
84	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	43	43		27	GT-1 Under maint.	
85	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	40	40	40	40		50	GT-4 Under maint.	
86	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	49	50	50				
87	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	30	80	80	112		54	ST Under maint.	
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	3	3	3				
89	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	50	52	51	51	14		Gas Shortage	
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
91	Shahjibazar 66MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	0	0	0	0				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	180	180	180	180				
93	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	16	17	17	17				
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	16	8	16				
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	280	270	280				
97	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	378	377	400	400				
98	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	0	50	315	380				
99	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
100	Fenchuganj 44MW (Energyprima)	Gas (NENP)	12'3.3+5'2	50	50	44	45	40	46				
Sylhet Zone Total						2472	2427	1147	1242	1507	1628	14	561
101	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
102	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
103	Fairdipor 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	42	25	40				
104	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	40				
105	Khulna 225 MW CCPP	HSD/ Gas (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	35	53	53				
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	50	50	100				
108	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	3	0	100	0				
109	Khulna 115 MW PP (KPCCL-2)	HFO (NENP)	7x17	115	115	0	26	16	49				
110	Nasipara 40 MW PP (Khanajahan Ali)	HFO (NENP)	5'8.5	40	40	0	24	0	24				
111	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIPFCL)	1x617	617	617	398	570	400	520				
112	Khulna 330 MW CCPP (GT)	Gas/HSD (BPDB)	1x220	220	220	0	0	330	330				
**	Bheramara (HVDC)	India		1000	1000	909	909	909	909				
Khulna Zone Total						3125	3121	1310	1656	1883	2065	410	0
113	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	25	16	110				
114	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	19	30	23	25				
115	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	136	136	130	136				
116	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	1000	1110	1244	1244				
117	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	45	35	150				
118	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	150	200	200	200				
119	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	195	220	220	220				
Barishal Zone Total						2265	2265	1500	1766	1868	2085	0	0
120	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	0		100	Under maint.	
121	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	38				
122	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
123	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	0				
124	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	46	50	91				
125	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	30	40				
126	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	34	42				
127	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	24	32				
128	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	140	191	150	191				
129	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
130	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	140	194	170	170				
131	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	370	360	400	44		Gas Shortage	
132	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
133	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
134	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6'18.55	113	113	0	113	113	113				
135	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6'18.55	113	113	0	80	80	80				
136	Amnara 50 MW PPI(Sinha)	HFO (NENP)	7x7.79	50	28	0	28	28	28				
137	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	5	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1163	687	1200	1400				
Rajshahi Zone Total						3653	3631	1870	1721	2305	2685	335	100
138	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	0		85	Under Overhauling	
139	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	180	180	180	180				
140	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
141	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	0	113	34	113				
142	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
143	Maipara, Tatalia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
144	Thakurgaon 115MW PP (Energygap)	HFO (IPP)	6'20	115	115	0	115	35	115				
145	Lalmohithal 30 MW Solar (Intraco)	Solar (IPP)	1'30	30	30	21	0	30	0				
146	Treesta Solar Limited	Solar (IPP)	1 x 200	200	200	203	0	130	0				
Rangpur Zone Total						1030	950	411	408	417	408	85	85
Sub-total: Plants in operation						24280	23871	12293.0	14022	14748	16982	1308	2038
(B) Plants under long term maintenance/ contract expired													
147	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0				
148	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0				
149	Bosila 108MW PPI(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0				
150	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	0	0	0	0	0				
151	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	0	0	0	0	0				
Sub-total: Plants under long term maintenance/ contract expired						351	0	0	0	0	0	0	0
Gross Total						24611	23871	12293	14022	14748	16982	1308	2038
(C) Actual data of 02.10.23 (Yesterday) Monday :													
01.	Max. Demand at eve. peak (Generation end)	:	14200 MW, at =	19:00 hrs									
02.	Max. Demand at eve. peak (Sub-station end)	:	13687 MW, at =	19:00 hrs									
03.	Highest Generation (Generation end)	:	14022 MW, at =	19:00 hrs									
04.	Minimum Generation (Generation end)	:	11016 MW, at =	8:00 hrs									
05.	Day-peak Generation (Generation end)	:	12293 MW, at =	12:00 hrs									
06.	Evening-peak Generation (Generation end)	:	14022 MW, at =	19:00 hrs									
07.	Evening Peak Load-shed (Sub-station end)	:	170 MW, at =	19:00 hrs									
08.	Minimum Generation Forecast up to 8:00 hrs.	:	10668 MW, at =	5:00 hrs									
09.	Generation shortfall at evening peak due to :	:											
a) Gas/LF limitation	:	1223 MW											
d) Coal supply Limitation	:	85 MW											
b) Low water level in Kaptai lake	:	0 MW											
c) Plants under shut down/ maintenance	:	2038 MW											
10.	Total Energy (Generation + India Import)	:	301.61 MCKWh										
	By Gas =	137.718 MCKWh	By Oil =	39.110 MCKWh									
	By Coal =	92.968 MCKWh	By Hydro =	4.824 MCKWh									
	By Solar=	1.961 MCKWh											
11.	Total Gas Supplied	:	1047.17 MMCFD										
(D) Forecast of 03.10.23 (Today) Tuesday :													
01.	Maximum Demand	:	14100 MW (Generation end)										
02.	Maximum Generation	:	16982 MW (Generation end)										
03.	Reserve / Shortage	:	2882 MW (Generation end)										
04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)										
05.	Total Generation	:	303.28 MCKWh										
06.	Probable Max. Temperature in Dhaka :	:	33.6°C										
(E) Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :													
	Zone	Demand MW	Supply MW	Load Shed MW									
	Dhaka	5090	5090	0	Mymensingh	1161	1116	45					
	Chattogram	1380	1380	0	Sylhet	529	424</						