

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 3564667, 9551095

Month October, 2023					Day : Sunday				Date : 01.10.23				
Probable Maximum Demand : 15300 MW					Probable Maximum Generation : 17205 MW					Rule Curve = 105.76 ft.			
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 108.09 ft		Today = 108.07 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.09.23 (Yesterday)		01.10.23 (Today)		30.09.23 (Yesterday)		Status of Machines under shut-down/ Maintenance	Probable start-up date	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
					Day	Evening	Day	Evening	Gas/Coal/Water Limitation MW	Machines shut down (MW)			Description/ Remarks
(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 b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	180	130	150	150	150		Gas Shortage		
3	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	190			
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	52	42	62				
5	Tong 80 MW GTPP	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 CAPP(HPL)	Gas (IPP)	1x235+1x125	360	360	331	332	330	330				
8	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	400	450	450				
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling		
10	Haripur 412 MW CAPP	Gas (EGCB)	1x273+1x139	412	412	385	413	412	412				
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	102	115	160	160	95	Gas Shortage		
12	Siddhirganj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Under maint.		
13	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	307	253	310	310				
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55				
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	8	102	102				
16	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	20	20	20				
17	Summit Power(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	19	37	38	38				
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25				
19	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	23	8	30	30				
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	50	34	105				
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	16	149	149	149				
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	35	17	54				
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	300	300				
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	134	17	135				
26	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
27	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	17	35	35				
28	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	34	54	72				
29	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	17	54	108				
30	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	31	0	35	0				
31	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	17	17	17	54				
32	Siddhirganj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	0	0	90	90				
33	Meghnaghat 100 MW(IEI)	HFO (NENP)	12x8.9	100	100	0	0	80	80				
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	0	0	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 CAPP(Summit)	Gas				0	0	0	0				
Dhaka Zone Total				5604	5422	1912	2291	3209	3546	295	805		
36	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	201	161	201	201				
37	a) Chattogram TPP-1 b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	74	105	105		Under maint.		
38	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	0	5	0	180			
39	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	17	8	17				
40	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	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	17	34	51	51				
43	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Under maint.		
44	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	217	225	225	225				
45	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	106	210	70	300				
46	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	10	25	25	25				
47	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	17	17				
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	71	40	70				
49	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	9	9	11	11				
	* Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			8	30	10	35				
50	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0				
51	Sikalbaha 54 MW PP (Jodiach Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	54	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	25	25	25				
54	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	12	25	25	25				
55	Chattogram 116 MW PP (Anima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	34	34	34	51				
56	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	0	5	54	150				
	SS Power Unit-1	Coal (IPP)				498	554	612	612		Test run		
	Matarbari 2*600 MW (CPGCL)	Coal				263	262	600	600		Test run		
	Cox's Bazar Wind PP	(Wind) (IPP)				27	18	10	20				
Chattogram Zone Total				2605	2545	1509	1928	2226	2689	0	330		
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	5	5	5	5				
58	Ashuganj 225 MW CAPP	Gas (APSCCL)	1x142+1*75	221	221	202	208	200	200				
59	Ashuganj 450 MW CAPP(South)	Gas (APSCCL)	1x360	360	360	305	270	300	300				
60	Ashuganj 450 MW CAPP(North)	Gas (APSCCL)	1x361	360	360	310	280	300	300				
61	Ashuganj 420 MW CAPP(East)	Gas (APSCCL)	1x284+1x116	400	400	250	230	250	300				
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*116	195	195	8	0	0	0				
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	11	51	51	50				
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	150	150				
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	31	0	31				
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	17	17	17	17				
68	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18				
69	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	3	11	10	10				
70	Jangalia 33 MW PP (Summit))	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	24	52	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	0	88	105	105				
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	28	85	28	86				
75	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	34				
76	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	53	54	54	54				
**	Imphort (Tripura)	India		160	160	152	154	149	165				
Cumilla Zone Total				2904	2896	1432	1588	1751	1922	0	163		
77	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	32	32	35	65	170	Gas Shortage		
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18				
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	38	104	37	104				
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	116	140	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	46	0	50	0				
83	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	18	18	18	18				
Mymensingh Zone Total				622	614	269	312	275	365	170	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.09.23 (Yesterday)		01.10.23 (Today)		30.09.23 (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	42	43	43		28	GT-1 Under maint.	
85	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.	
86	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)		51	51	11	47	50	50				
87	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	80	30	112	112		54	ST Under maint.	
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	5	11	11				
89	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		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	75	84	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	181	180	185	185				
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	8	8	8				
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	280	300	300				
97	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	377	378	400	400				
98	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	378	396	380	380				
99	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
100	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	32	44	40	46				
Sylhet Zone Total						2472	2427	1552	1551	1672	1678	66	572
101	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
102	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
103	Fairdipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	17	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 (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	17	74	74				
107	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	15	100	100				
108	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	100	0	100	0				
109	Khulna 115 MW PP (KPCCL-2)	HFO (NENP)	7x17	115	115	0	16	16	49				
110	Nasipara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	0	0	16				
111	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIP/GCL)	1x617	617	617	372	571	520	520				
112	Khulna 330 MW CCPP (GT)	Gas/HSD (BPDB)	1x220	220	220	0	0	0	0				
**	Bheramara (H/VDC)	India		1000	1000	903	769	938	938				
Khulna Zone Total						3125	3121	1375	1405	1773	1777	410	0
113	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	16	110				
114	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	18	28	23	25				
115	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	80	136	130	130				
116	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	890	1220	1244	1244				
117	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	5	35	150				
118	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	150	307	200	300				
119	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	180	220	220	220				
Barishal Zone Total						2265	2265	1318	1932	1868	2179	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		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	25	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 (NWP/GCL)	1x150+1x75	210	210	140	170	150	170				
129	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
130	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	140	140	140	165	80		Gas Shortage	
131	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	360	350	360	400	64		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	8	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)	6x18.55	113	113	0	94	95	95				
136	Amnara 50 MW PPI(Sinha)	HFO (NENP)	7x7.19	50	28	0	0	28	28				
137	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	3	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1015	1387	1200	1400				
Rajshahi Zone Total						3653	3631	1666	2327	2290	2674	435	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		85	Under Overhauling	
139	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	180	181	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	106	34	80				
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	0	0	8	0				
144	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	114	35	115				
145	Lalmohithat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	0	0	30	0				
146	Treesta Solar Limited	Solar (IPP)	1 x 200	200	200	64	0	130	0				
Rangpur Zone Total						1030	950	244	401	417	375	85	85
Sub-total: Plants in operation						24280	23871	11277.0	13735	15481	17205	1461	2055
(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	11277	13735	15481	17205	1461	2055
(C) Actual data of 30.09.23 (Yesterday) Saturday :													
01.	Max. Demand at eve. peak (Generation end)	:	13900 MW, at =	20:00 hrs									
02.	Max. Demand at eve. peak (Sub-station end)	:	13295 MW, at =	20:00 hrs									
03.	Highest Generation (Generation end)	:	13735 MW, at =	20:00 hrs									
04.	Minimum Generation (Generation end)	:	10304 MW, at =	9:00 hrs									
05.	Day-peak Generation (Generation end)	:	11277 MW, at =	12:00 hrs									
06.	Evening-peak Generation (Generation end)	:	13735 MW, at =	20:00 hrs									
07.	Evening Peak Load-shed (Sub-station end)	:	158 MW, at =	20:00 hrs									
08.	Minimum Generation Forecast up to 8:00 hrs.	:	11065 MW, at =	5:00 hrs									
09.	Generation shortfall at evening peak due to :	:											
	a) Gas/LF limitation	:	1376 MW										
	d) Coal supply Limitation	:	85 MW										
	b) Low water level in Kaptai lake	:	0 MW										
	c) Plants under shut down/ maintenance	:	2055 MW										
10.	Total Energy (Generation + India Import)	:	292.01 MCKWh										
	By Gas =	138.619 MCKWh	By Oil =	26.449 MCKWh									
	By Coal =	95.764 MCKWh	By Hydro =	4.617 MCKWh									
	By Solar =	1.646 MCKWh											
11.	Total Gas Supplied	:	1053.48 MMCFD										
(D) Forecast of 01.10.23 (Today) Sunday :													
01.	Maximum Demand	:	15300 MW	(Generation end)									
02.	Maximum Generation	:	17205 MW	(Generation end)									
03.	Reserve / Shortage	:	1905 MW	(Generation end)									
04.	Maximum Load-shed	:	0 MW	At evening peak (Sub-station end)									
05.	Total Generation	:	325.29 MCKWh										
06.	Probable Max. Temperature in Dhaka :	:	35.5°C										
(E) 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	4849	4830	19	Mymensingh	1205	1105						
	Chattogram	1347	1317	0	Syl								