



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564867, 9551095

Month October, 2020				Day : Friday				Date : 02.10.20				
Probable Maximum Demand : 11500 MW				Probable Maximum Generation : 13855 MW				Rule Curve = 106.09 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 98.60 ft				Today = 98.73 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.10.20 (Yesterday)		02.10.20 (Today)		01.10.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0	85	Under maint.	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	150	100	100	100			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	115	115	115	115	75	Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	200	200	200			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	43	43	42	42			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78	Gas Shortage	
5	Tongi 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	20	Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	315	351	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	225	225			
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0	412	Under maint.	
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	100	195	200	200	15	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Under maint.	
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	145	150	150	160	Gas shortage	
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	98	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	97	97	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	32	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	86	100	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	84	93	102	102			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	47	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	33	28	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	16	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	51	52	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	82	80	85	86			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	115	150	149	149			
27	Katpotti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	0	0	0			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	300	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	131	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	212	100	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	50	100			
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	101	60	100			
34	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	55	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
36	Boisla 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	53	104	104	104			
Dhaka Zone Total				6119	5895	2789	3411	3305	3596	378	1192	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	45	44	44	44	186	Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	115	120	120	65	Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.	
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	19	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	2	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sil	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	140	140	145			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	203	221	221			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	124	162	300	300			
48	Julda 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	50	30	100	100			
49	Julda 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	90	100	100	100			
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	9	102	100	100			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	20	21	21			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	30	40	40			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	83	93	90	90			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
56	Julda unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	1108	1268	1740	1720	251	180	
57	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	100	80	80			
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	29	29	30	30			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	182	176	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0	360	Under Mi	
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	310	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	54	51	55	55			
63	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	26	26	26	26	169	Gas shortage	
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	30	30	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	49	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	85	85	100	100			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	30	200	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	50	52	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	20	21	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	50	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	70	100	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	103	104	113	113			
**	Impoport (Tripura)	India		160	160	108	150	162	173			
Cumilla Zone Total				3040	2980	1232	1642	1798	2059	433	360	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	121	158	160	160	44	Gas Shortage	
78	Tangali 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	14	14	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	0	0			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	95	115	115			
81	Myensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	192	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0			
Myensingh Zone Total				645	637	443	467	493.6	492	44	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.10.20 (Yesterday)		02.10.20 (Today)		01.10.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30	60		GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatu)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	40	46	44	44				
87	Kushlaria 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	0	0				
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	65	65	65				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	190	140	200	200				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	85	88	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	140	140	100	100				
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	270	290	341	341				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	142	208	50	80	192		Under maint.	
	Bibiyana South 400 MW	Gas (PDB)				150	0	0	0				
Sylhet Zone Total				2033	1988	1412	1346	1091	1121	0	252		
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	375	345	410	410				
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	17	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	230	225	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	81	115	115	115				
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100				
106	Noapara 40 MW PP (Khanjahan A	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
107	Rupsha 105 MW PP (Orion rupsh	HFO (IPP)	6x18.445	105	105	53	70	90	90				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	925	917	935	935				
Khulna Zone Total				2288	2284	1594	1834	1965	2121	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	110	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	38	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	0	0	0	194		GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	92	78	78				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	500	550	620	620				
Barishal Zone Total				1054	1054	677	790	841	841	0	194		
114	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		Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	15	50	0	50				
116	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	100	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	42	0	40				
118	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	98	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	47	43	43				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	146	147	0	0	63		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	174	165	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	192	198	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21	22	22				
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	10	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	70	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	35	35	100	113				
Rajshahi Zone Total				2193	2183	762	1046	1504	1642	234	0		
133	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		Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150				
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	113	111	100	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara, Tatulia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	6	0	8	0				
Rangpur Zone Total				685	605	269	261	258	263	170	0		
Sub-total: Plants in operation				20383	19892	10286.0	12065	12996	13855	1510	2178		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
(B) Contract expired power plants						9837	11538	12428	13250				
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	10286	12065	12996	13855	1510	2178		
(C) Actual data of 01.10.20 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	12065.00	MW, at = 20:00 hrs		12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11538.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12065.00	MW, at = 20:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	9083.00	MW, at = 7:00 hrs		Dhaka	3992	3992	0	Mymensingh	925	925	0
05.	Day-peak Generation (Generation end)	:	10286.00	MW, at = 12:00 hrs		Chattogram	1260	1260	0	Sylhet	521	521	0
06.	Evening-peak Generation (Generation end)	:	12065.00	MW, at = 20:00 hrs		Khulna	1435	1435	0	Barishal	345	345	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Rajshahi	1163	1163	0	Rangpur	736	736	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8148.00	MW, at = 7:00 hrs and		Cumilla	1161	1161	0				
09.	Generation shortfall at evening peak due to :	:				Total		11538		11538		0	
	a) Gas limitation	:	1154	MW		13. Fuel cost :		(a) Gas = 152244827 Taka		(c) Coal = 79418896 Taka			
	d) Coal supply Limitation	:	170	MW				(b) Oil = 707220561 Taka		Total = 938884284 Taka			
	b) Low water level in Kaptai lake	:	186	MW		14. Maximum Temperature in Dhaka was : 32.9° C							
	c) Plants under shut down/ maintenance	:	2178	MW		15. Export through East-West interconnections :							
10.	Total Energy (Generation + India Import)	:	254.82	MKWh		At evening peak-hour :							
	By Gas = 126.588 MKWh			By Oil = 84.604 MKWh		Maximum :							
	By Coal = 17.224 MKWh			By Hydro = 0.975 MKWh		Energy :							
	By Solar= 0.112 MKWh					: 0.017 MKWh							
11.	Total Gas Supplied	:	1131.20	MMCFD									
(D) Forecast of 02.10.20 (Today) Friday :													
01.	Maximum Demand	:	11500	MW (Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	13855	MW (Generation end)		05.	Total Generation	:	242.89	MKWh			
03.	Maximum Shortage	:	-2355	MW (Generation end)		06.	Probable Max. Temperature in Dhaka :	:	32.9° C				

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Fazoul Islam Shaker)

Deputy Secretary, Generation