



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month October, 2020				Day : Monday				Date : 05.10.20			
Probable Maximum Demand : 12700 MW				Probable Maximum Generation : 14573 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.42 ft				Today = 99.99 ft			
				Rule Curve = 106.36 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.10.20 (Yesterday)		05.10.20 (Today)		04.10.20 (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	150	150	150		
	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	Ghorashtal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	42	42	42	42		
4	Ghorashtal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78	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	20	Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	344	350	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	225	450		
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 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	180	153	200	200	57	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	7	7	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	300	290	305	305		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	7	92	7	7		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	80	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	34	40	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	12	66	100	100		
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	16	7	7	102		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	22	0	22	22		
21	Summit Power, (Madhadi+Ashulia)	Gas (SIIPP, REB)	6x3.67+7x8.73	80	80	45	45	55	55		
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	33	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	33	51	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	68	103	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	64	150	149	150		
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
28	Kamalaghat 54 MW PP (Barco 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	230	300	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x1.4	300	300	0	153	100	300		
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	25	74	50	100		
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	98	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	Bosila 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	104	104	104	104		
Dhaka Zone Total				6119	5895	2682	3274	3337	3948	260	1192
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	44	42	44	44	188	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	4	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
42	Teknaf 20MW PP (Solarsitech)	Solar (IPP)	1x20	20	20	13	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	19	50	50	50		
44	Sikalbaha 105 MW PP (Baraka Sik	HFO (IPP)	6x18.415	105	105	0	0	100	100		
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	107	139	140	140		
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	209	204	221	221		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	141	143	300	300		
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	37	100	100		
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100		
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	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 (SIIPP, PDB)	8x2.90	22	22	20	20	21	21		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	16	10	25		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	62	97	100	100		
54	Sikalbaha 54 MW Power Plant(Jodiad Power)	HFO (IPP)	3x18.55+1x3.6	54	54	18	54	54	54		
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110		
56	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100		
Chattogram Zone Total				2326	2266	954	1244	1720	1710	253	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	100	100		
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	26	29	30	30		
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	199	176	225	225		
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	195	170	250	250		
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	345	315	360	360		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	50	55	55	55		
63	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187	Gas shortage
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	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	42	0	50		
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	96	90	90	90		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	200	200	200		
69	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	22	21	22	22		
70	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	8	8	8	8		
71	Jangalia 33MW PP (Summit)	Gas (SIIPP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	52	52		
73	Cumilla 25 MW PP (Summit)	Gas (SIIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	130	0	200		
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	34	100	100	100		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113		
**	Impoport (Tripura)	India		160	160	124	156	162	173		
Cumilla Zone Total				3040	2980	1479	1900	2030	2291	451	0
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	153	156	160	160	46	Gas Shortage
78	Tangail 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	14	17	14	14		
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	45	96	115	115		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	160	200	200	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0		
Mymensingh Zone Total				645	637	373	469	490.6	489	46	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.10.20 (Yesterday)		05.10.20 (Today)		04.10.20 (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/water/Coal limitation MW	Machines shut down (MW)		
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	57	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 (Barakatalui	Gas (RPP)		51	51	50	50	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	44	44				
87	Kushiaara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	0	11	11				
89	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	65	66	65	65				
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	181	180	200	200				
91	Shahjibazar 86MW PP (Shahjibaz	Gas (RPP)	32x2.90	86	86	83	88	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	198	216	220	220				
93	Sylhet 20 MW GTTP	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	24	24	25	25				
97	Bibiana-II 341 MW CCPP (Summit	Gas (IPP)	1x222+1x119	341	341	290	290	341	341				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	415	421	400	400				
	Bibiyana South 400 MW	Gas (PDB)				199	0	0	0				
Sylhet Zone Total				2033	1988	1675	1500	1561	1561	0	60		
99	Bheramara GTTP 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	315	245	270	270				
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	9	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	160	225	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	49	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 Al	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	17	53	53	53				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	900	901	912	912				
Khulna Zone Total				2288	2284	1401	1623	1765	1921	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	26	38	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194		GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	90	89	80	90				
113	Payra 1320 MW Unit-1	Coal (BCPL)	1x622	622	622	490	570	620	620				
Barishal Zone Total				1054	1054	622	807	843	853	0	194		
114	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		Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
116	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	120	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	42	0	42				
118	Amnura 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	96	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	43	50	50				
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	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	164	140	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	140	131	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	388	400	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	10	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	8	52	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	35	109	90	90				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	35	35	35	35				
Rajshahi Zone Total				2193	2183	812	1261	1423	1550	381	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 GTTP	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	27	89	100	100				
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	5	0	8	0				
Rangpur Zone Total				685	605	182	239	258	250	170	0		
Sub-total: Plants in operation				20383	19892	10180.0	12317	13428	14573	1561	1626		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
(B) Contract expired power plants						9777	11830	12897	13997				
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	10180	12317	13428	14573	1561	1626		
(C) Actual data of 04.10.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	12317.00	MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11830.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12317.00	MW, at = 19:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8930.00	MW, at = 8:00 hrs		Dhaka	4241	4241	0	Mymensingh	934	934	0
05.	Day-peak Generation (Generation end)	:	10180.00	MW, at = 12:00 hrs		Chattogram	1200	1200	0	Sylhet	496	496	0
06.	Evening-peak Generation (Generation end)	:	12317.00	MW, at = 19:00 hrs		Khulna	1498	1498	0	Barishal	332	332	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	1239	1239	0	Rangpur	740	740	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8982.00	MW, at = 7:00 hrs and		Cumilla	1150	1150	0				
09.	Generation shortfall at evening peak due to :	:				Total		11830	11830	0			
	a) Gas limitation	:	1203	MW	13.	Fuel cost :		(a) Gas = 158762687 Taka	(c) Coal = 81079886 Taka				
	d) Coal supply Limitation	:	170	MW		(b) Oil = 644095389 Taka		Total = 883937962 Taka					
	b) Low water level in Kaptai lake	:	188	MW									
	c) Plants under shut down/ maintenance	:	1626	MW	14.	Maximum Temperature in Dhaka was : 34.0° C							
10.	Total Energy (Generation + India Import)	:	258.51	MKWh	15.	Export through East-West interconnections :							
	By Gas = 134.567 MKWh			By Oil = 80.143 MKWh		At evening peak-hour : -75 MW, at 19:00 hrs							
	By Coal = 17.604 MKWh			By Hydro = 0.964 MKWh		Maximum : -230 MW, at 21:00 hrs							
	By Solar= 0.174 MKWh					Energy : 0.434 MKWh							
11.	Total Gas Supplied	:	1171.58	MMCFD									
(D) Forecast of 05.10.20 (Today) Monday :													
01.	Maximum Demand	:	12700	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14573	MW (Generation end)	05.	Total Generation : 266.55 MKWh							
03.	Maximum Shortage	:	-1873	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 33.3° C							
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Fazoul Islam Shaker) Deputy Secretary, Generation													