



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month October, 2020				Day : Thursday				Date : 08.10.20				
Probable Maximum Demand : 12400 MW				Probable Maximum Generation : 14513 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 101.42 ft				Today = 101.82 ft				
				Rule Curve = 106.63 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.10.20 (Yesterday)		08.10.20 (Today)		07.10.20 (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	0	0	0	0	170	Under maint.	
	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	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	84	84	100	100			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	69	71	78	78	7	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	345	353	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 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	73	185	200	200	25	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	312	280	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	7	7	7	7			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	97	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	51	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	12	12	100			
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	94	94	40	40			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power, (Madhadi+Ashulia)	Gas (SIIPP, REB)	6x3.67+7x8.73	80	80	47	55	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	0	52	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	67	85	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	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	195	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	131	131	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x1.4	300	300	0	0	100	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	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	17	17	17	17			
Dhaka Zone Total				6119	5895	2453	2916	3181	3560	157	1362	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	79	120	120	120	110	Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120	60	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	8	25	25	25			
42	Teknaf 20MW PP (Solarsitech)	Solar (IPP)	1x20	20	20	20	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	146	139	140	140			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	204	221	221			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	160	143	300	300			
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	40	100	100			
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	95	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			7	14	10	15			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	78	84	84	84			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	36	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	90	100	100	100			
Chattogram Zone Total				2326	2266	1100	1315	1780	1760	170	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	80	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	210	215	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	235	240	235	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	350	310	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	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	51	43	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	50	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	96	91	92	92			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	153	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	19	21	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	9	9	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	24	52	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIIPP, REB)	3x3.67+2x6.97	25	25	20	21	21	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	100	100	100			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	110	113	113	113			
**	Impoort (Tripura)	India		160	160	112	156	162	173			
Cumilla Zone Total				3040	2980	1421	1759	1997	2383	451	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	158	145	160	160	57	Gas Shortage	
78	Tangail 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	17	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	55	105	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	194	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	425	467	490.6	489	57	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.10.20 (Yesterday)		08.10.20 (Today)		07.10.20 (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 (Barakatal)	Gas (RPP)	19x2.90	51	51	47	53	51	51													
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	40	44	44													
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	115	115													
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11													
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	66	65	65													
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	74	195	140	200													
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	85	86	86	86													
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	170	218	220	220													
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	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	310	295	341	341													
98	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	330	365	430	430													
	Bibiyan South 400 MW	Gas (PDB)				275	0	0	0													
Sylhet Zone Total				2033	1988	1502	1453	1646	1706	0	60											
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	330	395	410	410													
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	12	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	215	225	225													
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	101	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	53	70	70	70													
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100													
**	Bheramara (HVDC)	India		1000	1000	915	906	915	915													
Khulna Zone Total				2288	2284	1450	1839	1925	2081	0	0											
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	100	110	110													
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	36	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	85	94	80	90													
113	Payra 1320 MW Unit-1	Coal (BCPL)	1x622	622	622	510	560	620	620													
Barishal Zone Total				1054	1054	614	790	843	853	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	0	50	0	50													
116	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	0	200	200													
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	35	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	97	100	100													
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	39	50	50													
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0													
122	Santalhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	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	0	0	0	0	220		Gas Shortage										
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	130	154	220	220													
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	383	410	414	414													
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22													
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	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	0	52	52	52													
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	36	109	113	113													
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	35	90	113	113													
Rajshahi Zone Total				2193	2183	625	1107	1304	1431	601	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	42	103	54	100													
137	Saidpur 20 MW GTPP	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	197	253	212	250	170	0											
Sub-total: Plants in operation				20383	19892	9787.0	11899	13379	14513	1606	1796											
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss																						
(B) Contract expired power plants																						
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0													
Gross Total				20383	19892	9787	11899	13379	14513	1606	1796											
(C) Actual data of 07.10.20 (Yesterday) Wednesday :																						
01.	Max. Demand (Generation end)	:	11899.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :																
02.	Max. Demand (Sub-station end)	:	11307.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed									
03.	Highest Generation (Generation end)	:	11899.00	MW, at = 19:30 hrs			MW	MW	MW		MW	MW	MW									
04.	Minimum Generation (Generation end)	:	8442.00	MW, at = 7:00 hrs		Dhaka	4043	4043	0	Mymensingh	876	876	0									
05.	Day-peak Generation (Generation end)	:	9787.00	MW, at = 12:00 hrs		Chattogram	1183	1183	0	Sylhet	472	472	0									
06.	Evening-peak Generation (Generation end)	:	11899.00	MW, at = 19:30 hrs		Khulna	1442	1442	0	Barishal	331	331	0									
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	1117	1117	0	Rangpur	719	719	0									
08.	Actual Minimum Generation up to 8:00 hrs.	:	8686.00	MW, at = 7:00 hrs and		Cumilla	1124	1124	0													
09.	Generation shortfall at evening peak due to :	:								Total	11307	11307	0									
	a) Gas limitation	:	1326	MW		13.	Fuel cost :	(a) Gas = 152378222 Taka	(c) Coal = 75782223 Taka													
	d) Coal supply Limitation	:	170	MW				(b) Oil = 545928744 Taka	Total = 774089189 Taka													
	b) Low water level in Kaptai lake	:	110	MW																		
	c) Plants under shut down/ maintenance	:	1796	MW		14.	Maximum Temperature in Dhaka was :	34.4° C														
10.	Total Energy (Generation + India Import)	:	244.45	MKWh	15.	Export through East-West interconnections :																
	By Gas = 130.981 MKWh			69.470 MKWh			At evening peak-hour	:	125	MW, at	19:30 hrs											
	By Coal = 16.398 MKWh			2.468 MKWh			Maximum	:	-81	MW, at	2:00 hrs											
	By Solar= 0.209 MKWh						Energy	:	0.2425	MKWh												
11.	Total Gas Supplied	:	1130.76	MMCFD																		
(D) Forecast of 08.10.20 (Today) Thursday :																						
01.	Maximum Demand	:	12400	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)												
02.	Maximum Generation	:	14513	MW (Generation end)	05.	Total Generation	:	254.75	MKWh													
03.	Maximum Shortage	:	-2113	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	31.9° C														
* Captive Power ** Imported Power																						
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00																						
(Fazoul Islam Shaker) Deputy Secretary, Generation																						