



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564867, 9551095

Month October, 2020		Day : Saturday		Date : 03.10.20								
Probable Maximum Demand : 11800 MW		Yesterday = 98.73 ft		Probable Maximum Generation : 13893 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 106.18 ft		Rule Curve = 106.18 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.10.20 (Yesterday)		03.10.20 (Today)		02.10.20 (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	100	120	120	120			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	42	42	42	42			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		Gas Shortage
5	Tong 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	343	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 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	185	188	120	120	22		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	99	100	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	140	150	150	165		Gas shortage
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	93	92	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	40	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	100	100	100			
19	Ganagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	84	102	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)	6x3.87+7x8.73	80	80	37	47	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	28	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, 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	0	105	85	86			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	98	149	149			
27	Katipoti 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	122	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	112	132	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	25	100	300			
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurahi 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	35	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	104	104	104	104			
Dhaka Zone Total				6119	5895	2372	3039	3245	3536	390	1192	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	45	45	44	44	185		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 (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sil)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	139	140	145			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	225	204	221	221			
47	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+ 3x8.04	300	300	164	162	300	300			
48	Juidah 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	0	40	100	100			
49	Juidah 100 MW PP Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	90	100	100	100			
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	100	100			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Baratkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	21	21			
*	Malancha, Ctg EPZ (Uniled)	Gas	5x8.73+3x9.34			35	42	40	40			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	18	91	90	90			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	18	52	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
56	Juidah unit-2 (Accorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	999	1253	1740	1720	250	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	70	55	80	80			
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	3	29	30	30			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	37	142	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0		360	Under Mf
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	160	245	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	55	55	55			
63	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	8	26	26	26	169		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	48	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	94	90	100	100			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	100	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	22	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	5	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	0	52	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21			
74	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	9x14.40+1.515+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	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	110	113	113	113			
**	Impoport (Tripura)	India		160	160	106	166	162	173			
Cumilla Zone Total				3040	2980	738	1383	1802	2063	433	360	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	152	160	160	160	42		Gas Shortage
78	Tangail 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 (Uniled)	HFO (IPP)	12x9.877	115	115	22	65	115	115			
81	Mymensingh 200 MW PP (Uniled)	HFO (IPP)	21x9.970	200	200	200	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0			
Mymensingh Zone Total				645	637	390	439	493.6	492	42	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.10.20 (Yesterday)		03.10.20 (Today)		02.10.20 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	58	60	60			
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30			
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	44	47	44	44			
87	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	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	62	66	65	65			
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	142	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	86	177	177	177			
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	24	24	25	25			
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	290	341	341			
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	52	82	85	85			
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0			
Sylhet Zone Total				2033	1988	981	1094	1203	1203	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	305	335	410	410			
101	Fairdipur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	0	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	200	225	225			
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x7	115	115	0	115	115	115			
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	37	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 rupsha)	HFO (IPP)	6x18.445	105	105	35	53	90	90			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	926	925	935	935			
Khulna Zone Total				2288	2284	1463	1768	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	18	38	33	33			
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0			194
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	90	90	78	90			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	500	565	620	620			
Barishal Zone Total				1054	1054	624	803	841	853	0	194	
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0			100
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	42	0	40			
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	98	100	100			
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	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	0	0	0	0			210
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	179	170	220	220			
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	181	175	220	220			
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	405	406	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	11	11	10	11			
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	1	52	52	52			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	35	90	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35	100	113			
Rajshahi Zone Total				2193	2163	840	1204	1504	1642	381	0	
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	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	35	105	100	113			
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
138	Majpara, Tatalia 8 MW Solar PP (Sympa 1)	Solar (IPP)	1 x 8	8	8	3	0	8	0			
Rangpur Zone Total				685	605	188	255	258	263	170	0	
Sub-total: Plants in operation				20383	19892	8595.0	11238	13052	13893	1666	1986	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss												
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0	0	0	
Gross Total				20383	19892	8595	11238	13052	13893	1666	1986	

(C) Actual data of 02.10.20 (Yesterday) Friday :												
01.	Max. Demand (Generation end)	: 11238.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 10720.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	: 11238.00	MW, at = 21:00 hrs		Dhaka	3550	3550	0	Mymensingh	858	858	0
04.	Minimum Generation (Generation end)	: 8097.00	MW, at = 9:00 hrs		Chattogram	1194	1194	0	Sylhet	484	484	0
05.	Day-peak Generation (Generation end)	: 8595.00	MW, at = 12:00 hrs		Khulna	1361	1361	0	Barishal	336	336	0
06.	Evening-peak Generation (Generation end)	: 11238.00	MW, at = 21:00 hrs		Rajshahi	1099	1099	0	Rangpur	711	711	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 21:00 hrs		Cumilla	1127	1127	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 8517.00	MW, at = 7:00 hrs and						Total	10720	10720	0
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation	: 1311	MW	13.	Fuel cost :		(a) Gas = 147511557	Taka	(c) Coal = 75516047	Taka		
	d) Coal supply Limitation	: 170	MW				(b) Oil = 540543762	Taka	Total = 763571366	Taka		
	b) Low water level in Kaptai lake	: 185	MW									
	c) Plants under shut down/ maintenance	: 1986	MW	14.	Maximum Temperature in Dhaka was : 33.8° C							
10.	Total Energy (Generation + India Import)	: 231.59	MKWh	15.	Export through East-West interconnections :							
	By Gas = 120.841	MKWh	By Oil = 67.864	MKWh								
	By Coal = 16.338	MKWh	By Hydro = 0.953	MKWh								
	By Solar = 0.199	MKWh										
11.	Total Gas Supplied	: 1058.57	MMCFD									
(D) Forecast of 03.10.20 (Today) Saturday :												
01.	Maximum Demand	: 11800	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 13893	MW (Generation end)	05.	Total Generation : 243.17 MKWh							
03.	Maximum Shortage	: -2093	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 33.5° C							

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation