



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month October, 2020		Day : Saturday				Date : 17.10.20					
Probable Maximum Demand :		12500 MW				Probable Maximum Generation : 14620 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 102.18 ft				Today = 102.19 ft					
		Rule Curve = 107.50 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Dated/ Present Capacity (MW)	16.10.20 (Yesterday)		17.10.20 (Today)		16.10.20 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :				
							Gas/water/Coal limitation (MW)	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
Day	Evening	Day	Evening								
(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	120	120	0	0	60	Gas Shortage
	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	75	75		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	72	72	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	296	346	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	420	450	450		
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		Under Overhauling
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0	412	Under maint.
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	140	185	120	185	25	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Under maint.
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	7	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	255	305	305	305		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	16	16	16	16		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	96	90	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	10	25		
19	Gaganaj 102 MW PP (Digital Powe)	HFO (IPP)	12x8.924	102	102	7	7	64	64		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22		
21	Summit Power.(Machabadi-Ashulia)	Gas (SIPP, REB)	6x3.71-7x8.73	80	80	39	55	55	55		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	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	8	0	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	69	85	85	85		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	150	150	150		
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	17	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	30	245	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	136	140	149	149		
31	Keraniganj 300 MW PP (APRI)	HSD (IPP)	256x1.4	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	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85-91x.959	100	100	0	0	60	100		
34	Nababganj 55 MW PP (Southern po)	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(ICC)	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	2300	2899	3399	3769	228	1252
38	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	124	122	123	123	108	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	5	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	8	25	25		
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	12	50	50	50		
44	Sikabaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	100	100		
45	Shikabaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	143	145	145		
46	Sikabaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	226	224	221	221		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	105	162	300	300		
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	10	78	100	100		
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	102	102		
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
52	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	21	21		
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			25	42	10	10		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	97	97	97		
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	18	54	54	54		
55	Kamaphuli 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	923	1266	1803	1778	173	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	80	80	80	80	49	Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage
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	180	208	225	225		
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	260	300	350	350		
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	325	350	360	360		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	25	40	55	55	15	Gas shortage
63	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	45	45	8	8	150	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	10	10	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	25	50		
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	96	96	95	95		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	120	200	200		
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22		
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	10	10		
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	22	33	33	33		
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	44	25	52		
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	20	21	21		
74	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x14.40+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	17	0	17		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	55	110	113	113		
**	Impoort (Tripura)	India		160	160	124	144	165	173		
Cumilla Zone Total				3040	2980	1355	1727	2018	2295	483	0
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	149	150	160	160	52	Gas Shortage
78	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	48	48	49	49		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	8	115	115	115		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	150	192	200	200		
82	Sarisabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0		
Mymensingh Zone Total				645	637	377	525	545.6	544	52	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.10.20 (Yesterday)		17.10.20 (Today)		16.10.20 (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	82	84	85	85			
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43		47	GT-4 Under maint.
85	Fenchugonj 51 MW PP (Barakatulla)	Gas (RPP)	19x2.90	51	51	22	50	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46	44	44			
87	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110			
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP_REB)	4x2.90	11	11	5	11	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	64	65	65			
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	160	162	160	160			
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	40	86	86	86			
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0			
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0			
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 CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	310	341	341			
98	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	413	413	400	400			
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0			
Sylhet Zone Total				2033	1988	1305	1413	1431	1431	0	47	
99	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	16			
100	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	270	400	410	410			
101	Fardpur 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 CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	200	220	220			
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115			
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	80	50	100			
106	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40			
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	35	35	35			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	918	918	928	928			
Khulna Zone Total				2288	2284	1325	1788	1898	2054	0	0	
109	Bansal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	39	33	33			
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0		194	Under maint.
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	52	90	92	92			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	450	590	580	600			
Barishal Zone Total				1054	1054	526	829	815	835	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		Gas Shortage
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50			
116	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200			
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40			
118	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	20	20	20			
119	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	96	100	100			
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	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	31	0	30			
123	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage
124	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	179	215	225	225			
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	184	205	220	220			
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	381	404	414	414			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	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	11	11			
130	Natore 52 MW PP (Rajanka)	HFO (IPP)	6x8.92	52	52	8	33	52	52			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	35	109	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	111	113	113			
Rajshahi Zone Total				2193	2183	828	1301	1550	1670	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	53	86	94	94			
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
138	Majpara Tatula 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	0	0	8	8			
Rangpur Zone Total				685	605	203	236	252	244	170	0	
Sub-total: Plants in operation				20383	19892	9142	11984	13712	14620	1487	1673	
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	0
Gross Total				20383	19892	9142	11984	13712	14620	1487	1673	

(C) Actual data of 16.10.20 (Yesterday) Friday :												
01.	Max. Demand (Generation end)	: 11984.00	MW, at = 21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 11447.00	MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	: 11984.00	MW, at = 21:00 hrs	Dhaka	3665	3665	0	Mymensingh	989	989	0	
04.	Minimum Generation (Generation end)	: 8492.00	MW, at = 9:00 hrs	Chattogram	1211	1211	0	Sylhet	531	531	0	
05.	Day-peak Generation (Generation end)	: 9142.00	MW, at = 12:00 hrs	Khulna	1493	1493	0	Barishal	380	380	0	
06.	Evening-peak Generation (Generation end)	: 11984.00	MW, at = 21:00 hrs	Rajshahi	1241	1241	0	Rangpur	756	756	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 21:00 hrs	Cumilla	1181	1181	0					
08.	Actual Minimum Generation up to 8:00 hrs	: 8859.00	MW, at = 7:00 hrs					Total	11447	11447	0	
09.	Generation shortfall at evening peak due to :			13.	Fuel cost :	(a) Gas = 162486515	Taka	(c) Coal = 76980693	Taka			
	a) Gas limitation	: 1209	MW			(b) Oil = 493588331	Taka	Total = 733055539	Taka			
	d) Coal supply Limitation	: 170	MW	14.	Maximum Temperature in Dhaka was :	35.5° C						
	b) Low water level in Kaptai lake	: 108	MW	15.	Export through East-West interconnections :							
	c) Plants under shut down/ maintenance	: 1673	MW		At evening peak-hour	: 81	MW, at	21:00 hrs				
10.	Total Energy (Generation + India Import)	: 250.11	MW/h		Maximum	: 46	MW, at	4:00 hrs				
	By Gas = 140.023	MW/h	By Hydro = 65.027		Energy	: 0.036	MW/h					
	By Coal = 16.671	MW/h		11.	Total Gas Supplied	: 1177.35	MMCFD					
	By Solar = 0.195	MW/h										

(D) Forecast of 17.10.20 (Today) Saturday :												
01.	Maximum Demand	: 12500	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	: 14620	MW (Generation end)	05.	Total Generation	: 260.88	MW/h					
03.	Maximum Shortage	: -2120	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	: 34.8° C						

* Captive Power ** Imported Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00
(Faouzi Islam Shaker)
Deputy Secretary, Generation