



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564567, 9551095

Month October, 2020			Day: Sunday						Date: 18.10.20										
Probable Maximum Demand: 13000 MW			Probable Maximum Generation: 14804 MW																
Water Level of Kaptai Lake at 06:00 AM											Yesterday = 102.19 ft	Today = 102.16 ft		Rule Curve = 107.60 ft		17.10.20 (Yesterday) 107.60 ft		Status of Machines under shut-down/ Maintenance	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.10.20 (Yesterday)		18.10.20 (Today)		Probable Peak Generation (MW)	Gas/water/Coal limitation MW	17.10.20 (Yesterday) Gen. shortfall for: Machines shut down (MW)	Description/ Remarks	Probable start-up date						
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	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 CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.							
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	STG commissioning							
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	115	115	115	115	75		Gas Shortage							
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	200	200	200										
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3x35	108	108	72	72	72	72										
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	67	67	65	65	11		Gas Shortage							
5	Tongi 80 MW GTPP	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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	343	274	360	360										
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	420	450	450										
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling							
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0		412	Under maint.							
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	185	150	100	150	60		Gas Shortage							
12	Siddhirgonj 335 MW CCGP	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 CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	255	285	305	305										
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	11	16	16	16										
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	79	80	100	100										
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	48	55	55	55										
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	74	10	74										
19	Gagnagar 102 MW PP (Digital Powe)	HFO (IPP)	12x8.924	102	102	94	94	94	94										
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	22	22										
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	45	55	55	55										
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33										
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33										
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	51	52	52										
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	80	86	85	85										
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	64	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	54	54	54	54										
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	190	300	300	300										
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	140	149	149	149										
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	120	100	300										
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	95	50	100										
33	Aurabahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	60	100	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(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	72	34	104	104										
Dhaka Zone Total				6119	5895	2736	3201	3399	3803	271	1297								
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	122	123	123	123		107	Low Water Level							
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	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	Raazani 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25										
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	14	0	20	0										
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	47	50	50	50										
44	Sikalbaha 105 MW PP (Baraka Sika)	HFO (IPP)	6x18.415	105	105	0	0	100	100										
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	140	145	145										
46	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	205	204	221	221										
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	142	178	300	300										
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	100	100	100										
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	22	100	100										
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	51	102	102	102										
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0										
52	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	21	21										
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	6	10	10										
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	90	96	97	97										
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	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	0	100	100	100										
Chattogram Zone Total				2326	2266	824	1335	1803	1778	172	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	26	29	30	30										
59	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	182	189	225	225										
60	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	355	300	350	350										
61	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	300	260	360	360										
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	47	50	55	55		5	Gas shortage							
63	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	0	8	8	8		187	Gas shortage							
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	9	51	51										
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	127	150	150										
66	Tilas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	25	50										
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	88	95	95	95										
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	155	200	200										
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	18	22	22										
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	10	10										
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33										
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	42	42	52	52										
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	18	20	21	21										
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+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	0	17	0	17										
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	101	101	113	113										
**	Impoort (Tijpara)	India		160	160	122	166	165	173										
Cumilla Zone Total				3040	2980	1423	1812	2018	2295	510	0								
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	148	151	160	160		51	Gas Shortage							
78	Tangal 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	17	20	20										
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	40	32	49	49										
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	65	115	115	115										
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200														

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.10.20 (Yesterday)		18.10.20 (Today)		17.10.20 (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	82	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 (Barakatuli)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	43	42	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 (SIIP, REB)	4x2.90	11	11	8	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	63	65	65				
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	160	144	160	160				
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86				
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	0	80	150	150				
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	300	300	341	341				
98	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	414	416	400	400				
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total					2033	1988	1388	1461	1581	1581	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	320	365	410	410				
101	Fardpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	24	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulina 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	210	220	220				
104	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	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 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	53	35	35				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	918	919	928	928				
Khulina Zone Total					2288	2284	1407	1826	1898	2054	0	0	
109	Bansal 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	25	37	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)	1x1.96	95	95	88	91	92	92				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	460	600	580	600				
Barishal Zone Total					1054	1054	589	838	815	835	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 (Paramount)	HSD (IPP)	135x1.6	200	200	0	25	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	20	20	20	20				
119	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	95	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	38	50	50				
121	Katakali 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	156	173	225	225				
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	157	215	220	220				
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	329	413	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	19	21	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	8	11	11	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	35	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	113	113				
Rajshahi Zone Total					2193	2183	734	1418	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	52	89	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	6	0	8	0				
Rangpur Zone Total					685	605	208	239	252	244	170	0	
Sub-total: Plants in operation					20383	19892	9771.0	12637	13862	14804	1555	1718	
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	
Grand Total					20383	19892	9771	12637	13862	14804	1555	1718	
(C) Actual data of 17.10.20 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	: 12637.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 12031.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	: 12637.00	MW, at = 19:30 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	: 8773.00	MW, at = 9:00 hrs		Dhaka	4203	4203	0	Mymensingh	945	945	0	
05.	Day-peak Generation (Generation end)	: 9771.00	MW, at = 12:00 hrs		Chattogram	1127	1127	0	Sylhet	549	549	0	
06.	Evening-peak Generation (Generation end)	: 12637.00	MW, at = 19:30 hrs		Khulina	1536	1536	0	Barishal	371	371	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 19:30 hrs		Rajshahi	1290	1290	0	Rangpur	767	767	0	
08.	Actual Minimum Generation up to 8:00 hrs.	: 8928.00	MW, at = 7:00 hrs		Cumilla	1243	1243	0					
09.	Generation shortfall at evening peak due to :	:							Total	12031	12031	0	
a)	Gas limitation	: 1278	MW	13.	Fuel cost :	(a) Gas = 163258100	Taka	(c) Coal = 76453720	Taka				
d)	Coal supply Limitation	: 170	MW			(b) Oil = 575018191	Taka	Total = 814730011	Taka				
b)	Low water level in Kaptai lake	: 107	MW										
c)	Plants under shut down/ maintenance	: 1718	MW	14.	Maximum Temperature in Dhaka was :	35.7° C							
10.	Total Energy (Generation + India Import)	: 257.01	MKWh	15.	Export through East-West interconnections :								
	By Gas = 141.074	MKWh	71.112	MKWh	At evening peak-hour	: 140	MW, at	19:30 hrs					
	By Coal = 16.555	MKWh	By Hydro = 2.835	MKWh	Maximum	: 76	MW, at	3:00 hrs					
	By Solar= 0.156	MKWh			Energy	: 0	MKWh						
11.	Total Gas Supplied	: 1171.48	MMCFD										
(D) Forecast of 18.10.20 (Today) Sunday :													
01.	Maximum Demand	: 13000	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)					
02.	Maximum Generation	: 14804	MW (Generation end)	05.	Total Generation	: 264.39	MKWh						
03.	Maximum Shortage	: -1804	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	34.7° C							

* Captive Power ** Imported Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Faouzul Islam Shaker)
Deputy Secretary, Generation