



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564567, 9551095

Month October, 2020		Day : Tuesday				Date : 20.10.20					
Probable Maximum Demand :		12800 MW				Probable Maximum Generation : 14789 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 102.11 ft				Today = 102.05 ft				Rule Curve = 107.80 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.10.20 (Yesterday)		20.10.20 (Today)		19.10.20 (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)	
(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	100	100	100	100		
	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)	3x43.35	108	108	72	72	72	72		
4	Ghorasal 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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	277	252	360	360		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	310	300	450	450		
9	210 MW Siddhirganj 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	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	120	165	100	165	45	Gas Shortage
12	Siddhirganj 335 MW CCGP	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	80	100	100	100		
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	275	225	305	305		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	82	100	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	40	40		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	4	87	50	88		
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	19	22	22		
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	46	56	55	55		
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	25	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	85	85	85	86		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	32	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	195	300	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	111	149	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	30	100	300		
32	Birahangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100		
33	Aurabahi 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	35	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	104	17	17		
Dhaka Zone Total				6119	5895	2581	3128	3456	3850	323	1117
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	121	118	120	120	112	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	115	115	115	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	Raazari 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
42	Teknaf 20MW PP (Solartech)	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 Sika)	HFO (IPP)	6x18.415	105	105	0	0	100	100		
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	139	145	145		
46	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	205	219	221	221		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	157	160	300	300		
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	100	100	100		
49	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	22	22	22	22		
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	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			2	10	10	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	35	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	100	100	100	100		
Chattogram Zone Total				2326	2266	977	1330	1717	1702	177	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	100	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	16	26	30	30		
59	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	212	211	225	225		
60	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	320	280	350	350		
61	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	300	315	360	360		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	40	40	5	5	15	Gas shortage
63	Ashuganj 195MW PP (APSCL-United)	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	51	51	51		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	123	142	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	41	25	50		
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	75	50	90	90		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	151	200	200		
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	21	22	22		
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11		
71	Jargalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	52	25	52		
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	21	22	22		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+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	17	100	0	17		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	89	103	113	113		
**	Impoort (Tijura)	India		160	160	108	148	165	173		
Cumilla Zone Total				3040	2980	1562	1884	1965	2242	520	0
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	150	140	150	150	62	Gas Shortage
78	Tangal 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	20	20		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	48	40	48	48		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	42	115	115	115		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	187	200	200	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0		
Mymensing Zone Total				645	637	449	515	534.6	533	62	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.10.20 (Yesterday)		20.10.20 (Today)		19.10.20 (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	84	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 (Barakatuli)	Gas (RPP)	19x2.90	51	51	25	25	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	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	5	11	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	64	65	65			
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	158	159	160	160			
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	86	87	86	86			
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	20	140	140	140			
93	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	18	18	20			
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	315	315	341	341			
98	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	418	416	400	400			
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0			
	Sylhet Zone Total		2033	1988	1408	1553	1589	1591	0	47		
99	Bheramara GTTP 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	310	410	410			
101	Fardpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	19	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	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	90	105	105	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	919	918	928	928			
	Khulna Zone Total		2288	2284	1449	1807	1968	2124	0	0		
109	Barsal 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	38	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	82	95	95	95			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	470	570	580	580			
	Barishal Zone Total		1054	1054	593	813	818	818	0	194		
114	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	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	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	20	20	20	20			
119	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	96	100	100			
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36	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	32	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	188	180	225	225			
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	189	189	220	220			
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	390	408	414	414			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	22	22	22			
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	10	10	10			
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	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	90	109	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	16	113	113	113			
	Rajshahi Zone Total		2193	2183	939	1370	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 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	75	109	105	109			
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
138	Majpara-Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0			
	Rangpur Zone Total		685	605	230	259	263	259	170	0		
	Sub-total: Plants in operation		20383	19892	10188.0	12659	13861	14789	1633	1538		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss				9704	12058	13203	14087				
	(B) Contract expired power plants											
	Sub-Total: Plants under long term maintenance		0	0	0	0	0	0	0			
	Gross Total		20383	19892	10188	12659	13861	14789	1633	1538		
	(C) Actual data of 19.10.20 (Yesterday) Monday :											
01.	Max. Demand (Generation end)		12659.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)		12058.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)		12659.00	MW, at = 19:30 hrs	Dhaka	4222	4222	0	Mymensingh	998	998	0
04.	Minimum Generation (Generation end)		8862.00	MW, at = 8:00 hrs	Chattogram	1193	1193	0	Sylhet	537	537	0
05.	Day-peak Generation (Generation end)		10188.00	MW, at = 12:00 hrs	Khulna	1546	1546	0	Barishal	354	354	0
06.	Evening-peak Generation (Generation end)		12659.00	MW, at = 19:30 hrs	Rajshahi	1293	1293	0	Rangpur	769	769	0
07.	Evening Peak Load-shed (Sub-station end)		0.00	MW, at = 19:30 hrs	Cumilla	1146	1146	0				
08.	Actual Minimum Generation up to 8:00 hrs.		8975.00	MW, at = 7:00 hrs								
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation		1351	MW	13.	Fuel cost :	(a) Gas = 162862046	Taka	(c) Coal = 79448312	Taka		
	d) Coal supply Limitation		170	MW		(b) Oil = 622465978	Taka	Total = 864776336	Taka			
	b) Low water level in Kaptai lake		112	MW								
	c) Plants under shut down/ maintenance		1538	MW	14.	Maximum Temperature in Dhaka was :	33.5° C					
10.	Total Energy (Generation + India Import)		261.67	MKWh	15.	Export through East-West interconnections :						
	By Gas = 139.358		139.358	MKWh		At evening peak-hour	: 66	MW, at	19:30 hrs			
	By Coal = 17.233		17.233	MKWh		Maximum	: -30	MW, at	3:00 hrs			
	By Solar= 0.180		0.180	MKWh		Energy	: 0.018	MKWh				
11.	Total Gas Supplied		1181.07	MMCFD								
	(D) Forecast of 20.10.20 (Today) Tuesday :											
01.	Maximum Demand		12800	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation		14789	MW (Generation end)	05.	Total Generation	: 264.58	MKWh				
03.	Maximum Shortage		-1989	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	32.7° C					

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation