



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month October, 2020		Day : Tuesday				Date : 13.10.20						
Probable Maximum Demand :		13100 MW		Yesterday = 101.99 ft		Probable Maximum Generation : 15017 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 101.99 ft		Today = 102.10 ft		Rule Curve = 107.10 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.10.20 (Yesterday)		13.10.20 (Today)		12.10.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	107.10 (Yesterday) Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Day	Evening				Day
(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	170	170	170	170			
	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)	3x3.35	108	108	42	42	41	41			
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 GTTP	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	350	352	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	450	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0	412	Under maint.	
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	94	175	150	190	35	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	7	7			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	260	250	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	16	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	80	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	17	26	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	7	7	16	16			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	0	22	22	22			
21	Summit Power,(Madhadi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x8.73	80	80	54	54	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	40	51	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	102	102	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	145	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	53	54	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	285	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	132	132	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	180	100	300			
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	25	93	50	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	93	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(IEI)	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	104	104			
Dhaka Zone Total				6119	5895	2946	3349	3541	3871	238	1192	
38	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	121	123	123	123	107	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	25	25	25	25			
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	16	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	45	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	138	145	145			
46	Sikalbaha 225 MW CCPP	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	179	180	300	300			
48	Julidah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	40	100	100	100			
49	Julidah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	47	0	102	102			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	7	9	0	0			
52	Barakunda 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	0	10	5			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	82	84	84			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	18	54	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
56	Julidah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	1184	1300	1790	1760	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	0	80	80	80	49	Gas Shortage	
	c) Ashuganj TPP Unit-5	Gas (APSCL)	1 x 150	150	134	80	0	0	0	134	Gas Shortage	
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	16	16	30	30			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	213	214	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	300	345	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	275	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
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	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	30	46	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	90	86	95	95			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	1	190	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	19	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	8	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	43	52	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	18	21	21	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	150	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	17	100	100	100			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	102	111	113	113			
**	Impoport (Tripura)	India		160	160	100	158	162	173			
Cumilla Zone Total				3040	2980	1394	2018	2077	2338	505	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	151	156	160	160	46	Gas Shortage	
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	17	17	17			
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	16	105	115	115			
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	130	190	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)		3	3	2	0	1.6	0			
Myemsingh Zone Total				645	637	364	516	542.6	541	46	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.10.20 (Yesterday)		13.10.20 (Today)		12.10.20 (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	83	87	90	90			
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 (Barakatal)	Gas (RPP)	19x2.90	51	51	49	46	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	41	44	44			
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	115	110	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	63	65	65	65			
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	100	100	100	110			
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	82	87	86	86			
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	132	132	132	132			
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	300	280	341	341			
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	412	419	430	430			
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0			
	Sylhet Zone Total		2033	1988	1459	1455	1561	1571	0	47		
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	175	235	410	410			
101	Fairdur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	9	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	210	200	220			
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	96	115	115			
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	98	50	100			
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	40	40	40	40			
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	35	90	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	892	892	905	905			
	Khulna Zone Total		2288	2284	1343	1615	1910	2101	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	32	110	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	25	38	33	33			
111	Bhola 225 MW CCPP	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	0	88	92	92			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	440	600	560	560			
	Barishal Zone Total		1054	1054	497	836	795	795	0	194		
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	65	65	71		Gas Shortage
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	70	70	100		Gas Shortage
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50			
116	Baghabari 200 MW PP (Paramour)	HSD (IPP)	135x1.6	200	200	0	150	200	200			
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	35	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	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	24	0	30			
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	179	183	225	225			
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	189	187	220	220			
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	314	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	52	52	52	52			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	79	108	113	113			
	Rajshahi Zone Total		2193	2183	1049	1387	1665	1785	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	104	96	105	105			
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	259	246	263	255	170	0		
	Sub-total: Plants in operation		20383	19892	10495.0	12722	14145	15017	1512	1613		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss												
					9923	12029	13374	14199				
(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance		0	0	0	0	0	0	0	0	0	0
	Gross Total		20383	19892	10495	12722	14145	15017	1512	1613		
(C) Actual data of 12.10.20 (Yesterday) Monday :												
01.	Max. Demand (Generation end)		12722.00	MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)		12029.00	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)		12722.00	MW, at = 19:00 hrs	Dhaka	4291	4291	0	Mymensingh	969	969	0
04.	Minimum Generation (Generation end)		9260.00	MW, at = 7:00 hrs	Chattogram	1240	1240	0	Sylhet	542	542	0
05.	Day-peak Generation (Generation end)		10495.00	MW, at = 12:00 hrs	Khulna	1461	1461	0	Barishal	361	361	0
06.	Evening-peak Generation (Generation end)		12722.00	MW, at = 19:00 hrs	Rajshahi	1282	1282	0	Rangpur	733	733	0
07.	Evening Peak Load-shed (Sub-station end)		0.00	MW, at = 19:00 hrs	Cumilla	1150	1150	0				
08.	Actual Minimum Generation up to 8:00 hrs.		9317.00	MW, at = 7:00 hrs								
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation		1235	MW	13.	Fuel cost :	(a) Gas = 160782644 Taka	(c) Coal = 79751400 Taka				
	d) Coal supply Limitation		170	MW		(b) Oil = 689956199 Taka	Total = 930490243 Taka					
	b) Low water level in Kaptai lake		107	MW								
	c) Plants under shut down/ maintenance		1613	MW	14.	Maximum Temperature in Dhaka was :	33.0° C					
10.	Total Energy (Generation + India Import)		264.82	MKWh	15.	Export through East-West interconnections :						
	By Gas = 137.102 MKWh			82.696 MKWh		At evening peak-hour	: 20 MW, at 19:00 hrs					
	By Coal = 17.297 MKWh			2.856 MKWh		Maximum	: -32 MW, at 19:30 hrs					
	By Solar= 0.212 MKWh					Energy	: 0.2925 MKWh					
11.	Total Gas Supplied		1205.43	MMCFD								
(D) Forecast of 13.10.20 (Today) Tuesday :												
01.	Maximum Demand		13100	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation		15017	MW (Generation end)	05.	Total Generation	: 272.68	MKWh				
03.	Maximum Shortage		-1917	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

(Fazoul Islam Shaker)
Deputy Secretary, Generation