



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2020				Day : Tuesday				Date : 11.08.20				
Probable Maximum Demand : 12500 MW				Probable Maximum Generation : 14803 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 94.64 ft				Today = 94.79 ft				
				Rule Curve = 92.20 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.08.20 (Yesterday)		11.08.20 (Today)		10.08.20 (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	33	33	35			Unit 2 under maint.	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0		170	Under maint.	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	100	100	100	80		Gas Shortage	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	80		Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	300	300			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	108		Gas Shortage	
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	78		Gas Shortage	
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	105		Gas Shortage	
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	20		Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	342	351	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	450	450	450			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0		115	Under Overhauling	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0		412	Under maint.	
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	150	32	40	40	178	Gas Shortage	
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	320	325	330	330			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	99	99	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	288	250	305	305			
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	94	94	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	10	34	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	93	102	102			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	53	47	47			
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	25	25			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	51	35	50			
25	Gazipur 108 MW PP	HFO (RPCL)	6x18.415	105	105	52	105	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	26	149	149	149			
27	Kalpothi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	12	41	0	0			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	300	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)	256x1.4	300	300	0	0	100	300			
32	Bramhangonj 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	10	80	100			
34	Nababganj 55 MW PP (Southern p)	HFO (IPP)	3x19.3	55	55	50	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	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	104	104	104	104			
Dhaka Zone Total				6119	5895	3362	3599	3942	4227	649	749	
38	Karnaphuli Hydro PP Unit-1,2,3,4, :	Hydro (PDB)	2x40, 3x50	230	230	148	145	110	110	85		Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Under maint.
	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	3.1	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	14.9	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	12	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	142	139	140	140			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	26	119	225	225			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	306	233	300	300			
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	50	100	100			
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalbish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	85	100	100			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	21	21			
	* Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	28	10	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	56	84	90	91			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	50	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
56	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	928	1176	1596	1646	85	360	
57	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	135	135	120	120			
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	130	100	130	130	34		Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	31	35	40	42			
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+175	221	221	210	212	220	220			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	305	270	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	0	0	0	0	360		Under inspection
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	50	30	51	51			
63	Ashuganj 150MW PP (APSCCL-Underflow)	Gas (IPP)	20*9.73+11*6	195	195	0	63	63	63			
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	14	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	135	150	150			
66	Tilas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	0	42			
67	Chandpur 150 MW CCPP	Gas (PDB)	1x106+1x57	163	163	95	86	90	90			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	200	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	21	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
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	43	43	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	6	18	18			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+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	114	114	114			
76	Chowmuhari 113 MW Import (Tripura)	HFO (IPP)	12*9.78+2*3.1	113	113	57	57	60	60			
**		India		160	160	124	146	157	173			
Cumilla Zone Total				3040	2980	1262	1761	1942	2202	169	360	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	152	156	155	155			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	72	72	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	25	115	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	181	190	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	1.6	0			
Mymensingh Zone Total				645	637	447.7	553	583.6	582	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	10.08.20 (Yesterday)		11.08.20 (Today)		10.08.20 (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 CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	88	87	87	87				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	44	50	51	51	60		GT-4 Under maint.	
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	45	47	44	44				
87	Kushlari 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	28	29	61	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	210	212	210	210				
91	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	84	87	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0				
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	300	260	341	341				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Under maint.	
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total				2033	1988	1055	1028	1137	1142	0	460		
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	395	380	410	410				
101	Fariapur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	26	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	4	0	60				
103	Khulna 225 MW CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	120	120	150	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	115	115	115	115				
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	60	100				
106	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	105	105	105				
108	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.445	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	923	917	935	935				
Khulna Zone Total				2288	2284	1553	1807	1915	2136	0	0		
109	Barisal 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	23	34	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	87	89	80	81	105		GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	79	78	76	79				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	475	470	600	600				
Barishal Zone Total				1054	1054	664	781	899	903	0	105		
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 (Paramour)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	28	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	24	88	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36	0	45				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	25	0	35				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150+1x75	220	220	158	152	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	166	163	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	402	375	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	20	22	22				
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	10	10				
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
130	Natore 52 MW PP (Rajanka)	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	0	111	113	113				
Rajshahi Zone Total				2193	2183	887	1278	1522	1692	381	0		
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	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	113	113	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
138	Majpara. Tatulia 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	3.6	0	8	0				
Rangpur Zone Total				685	605	205	263	271	273	170	0		
Sub-total: Plants in operation				20383	19892	10363.3	12246	13808	14803	1454	2034		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9906	11706	13199	14150			
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance						0	0	0	0				
Gross Total				20383	19892	10363	12246	13808	14803	1454	2034		
(C) Actual data of 10.08.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	12246.00	MW, at =	19:30 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11706.00	MW, at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12246.00	MW, at =	19:30 hrs	Dhaka	3837	3837	0	Mymensingh	997	997	0
04.	Minimum Generation (Generation end)	:	9161.00	MW, at =	8:00 hrs	Chattogram	1237	1237	0	Sylhet	533	533	0
05.	Day-peak Generation (Generation end)	:	10363.30	MW, at =	12:00 hrs	Khulna	1530	1530	0	Barishal	355	355	0
06.	Evening-peak Generation (Generation end)	:	12246.00	MW, at =	19:30 hrs	Rajshahi	1255	1255	0	Rangpur	805	805	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs P	Cumilla	1157	1157	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	9322.60	MW, at =	7:00 hrs am								
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	1199	MW		13.	Fuel cost :	(a) Gas = 162153556 Taka	(c) Coal = 75807347 Taka				
	d) Coal supply Limitation	:	170	MW			(b) Oil = 583480153 Taka	Total = 821441057 Taka					
	b) Low water level in Kaptai lake	:	85	MW									
	c) Plants under shut down/ maintenance	:	2034	MW		14.	Maximum Temperature in Dhaka was :	33.8° C					
10.	Total Energy (Generation + India Import)	:	258.58	MKWh		15.	Export through East-West interconnections :						
	By Gas =	137.350	MKWh	By Oil =	76.266	MKWh	At evening peak-hour	-56	MW, at	19:30 hrs PM			
	By Coal =	16.415	MKWh	By Hydro =	3.442	MKWh	Maximum	-141	MW, at	20:00 hrs			
	By Solar =	0.178	MKWh				Energy	0.086	MKWh				
11.	Total Gas Supplied	:	1165.66	MMCFD									
(D) Forecast of 11.08.20 (Today) Tuesday :													
01.	Maximum Demand	:	12500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14803	MW	(Generation end)	05.	Total Generation	:	263.95	MKWh			
03.	Maximum Shortage	:	-2303	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.2° C				

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

(Faouzl Islam Shaker)
Deputy Secretary, Generation