



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2020				Day : Saturday				Date : 01.08.20				
Probable Maximum Demand : 9500 MW				Probable Maximum Generation : 15135 MW								
Water Level of Kaptai Lake at 06:00 AM				Rule Curve = 89.00 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.07.20 (Yesterday)		01.08.20 (Today)		31.07.20 (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	33	33	33	33	52	Unit 2 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	100	220	180	180			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	260	300	300	300			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	23	98	100	100			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	71	71	71	7	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	304	350	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0			
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	60	150	200	200	60	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	280	320	330	330			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	142	150	150			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	1	35	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	82	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	7	24	102	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	32	36	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	20	20	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	35	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	149	149			
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	0	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	14	45	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	15	94	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	0	80	100			
34	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	0	17	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	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	70	104	104			
Dhaka Zone Total				6119	5895	1753	2595	4105	4390	382	337	
38	Karnaphuli Hydro PP Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	138	143	145	145	87	Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	90	90			
	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	6.1	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18.9	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	140	140	140			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Under maint.	
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	16	293	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	70	100	100	100			
50	Dohazari-Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	51	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	19	19	21	21			
	* Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			41	41	40	40			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	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	40	100	100	100			
Chattogram Zone Total				2326	2266	578	985	1526	1586	87	405	
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			
	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	20	42	42	42			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	191	213	216	216			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	330	295	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	280	315	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	52	50	50			
63	Ashuganj 150MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8			
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	0	0	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	42			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	96	95	97			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	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	0	52	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	22	21	21			
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	0	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	16	113	113	113			
**	Import (Tripura)	India		160	160	122	136	155	186			
Cumilla Zone Total				3040	2980	1276	1540	2124	2399	269	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	157	156	150	150			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	17	22	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	95	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	40	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	80	192	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0			
Mymensingh Zone Total				645	637	259.4	500	583.6	582	0	0	

Sl. No.	Name of Power Station				Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.07.20 (Yesterday)		01.08.20 (Today)		31.07.20 (Yesterday)		01.08.20 (Today)		Status of Machines under shut-down/ Maintenance	
								Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance			
								Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date		
83	Fenchugonj	CCPP Phase-1	Gas	(PDB)	2x32+1x33	97	70	60	60	60	60						
84	Fenchugonj	CCPP Phase-2	Gas	(PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.			
85	Fenchugonj	51 MW PP (Barakatul	Gas	(RPP)	19x2.90	51	51	22	53	51	51						
86	Fenchugonj	44MW (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	20	49	44	44						
87	Kushlora	163 MW CCPP (KP)	Gas	(IPP)	1x109+1x54	163	163	110	110	163	163						
88	Hobiganj	11MW PP Confidence-E	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11						
89	Shahjibazar	GTTP Unit- 8 & 9	Gas	(PDB)	2x35	70	66	57	60	61	66						
90	Shajibazar	330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	253	258	270	270						
91	Shahjibazar	86MW PP (Shahjibaza	Gas	(RPP)	32x2.90	86	86	30	88	86	86						
92	Sylhet	225 MW CCPP	Gas	(PDB)	1x142+1x89	231	231	0	0	0	0						
93	Sylhet	20 MW GTTP	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	9	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	310	305	341	341						
98	Bibiyan-IIII	400 MW CCPP	Gas	(PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.			
	Bibiyan South	400 MW	Gas	(PDB)				0	0	0	0						
Sylhet Zone Total						2033	1988	954	1076	1170	1175	0	460				
99	Bheramara	GTTP 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	345	345	410	410						
101	Faridpur	50 MW Peaking PP	HFO	(PDB)	8x6.98	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 CCPP	HSD	(NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225						
104	Khulna	115 PP MW (KPCL-2)	HFO	(QRPP)	7x17	115	115	16	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	35	105	105						
108	Madhumati	100 MW PP	HFO	(NWP/GCL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)		India			1000	1000	931	929	755	951						
Khulna Zone Total						2288	2284	1292	1564	1585	2152	0	0				
109	Barisal	110 MW PP (Summit)	HFO	(IPP)	7 x 17.076	110	110	0	96	110	110						
110	Bhola	33 MW PP (Venture)	Gas	(RPP)	1x34.50	33	33	29	42	33	33						
111	Bhola	225 MW CCPP	Gas	(PDB)	2x63+1x68	194	194	65	65	65	65		129	GT-2 Under maint.			
112	Bhola	95 MW PP (Aggreko)	Gas	(QRPP)	1.1x96	95	95	42	79	76	79						
113	Payra	1320 MW Unit-1	Coal	(BCPCL)	1x622	622	622	468	500	600	600						
Barishal Zone Total						1054	1054	604	782	884	887	0	129				
114	a) Baghabari	71 MW GTTP	Gas	(PDB)	1 x 71	71	71	0	0	0	0	71			Gas Shortage		
	b) Baghabari	100 MW GTTP	Gas	(PDB)	1 x 100	100	100	0	70	70	70	30			Gas Shortage		
115	Baghabari	50 MW Peaking PP	HFO	(PDB)	6x8.9	52	52	0	0	0	50						
116	Baghabari	200 MW PP (Paramoun	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	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	100	100	100						
120	Katakhali	50 MW Peaking PP	HFO	(PDB)	6x8.7	50	50	0	0	0	45						
121	Katakhali	50 MW PP (Northern)	HFO	(QRPP)	6x8.9	50	50	0	0	50	50						
122	Santahar	50 MW Peaking PP	HFO	(PDB)	6x8.7	50	50	0	32	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	168	165	200	200						
125	Sirajgonj	225MW CCPP Unit-3	Gas	(NWP/GCL)	1x141+1x79	220	220	173	172	210	210						
126	Sirajgonj	400 MW CCPP Unit-4	Gas	(IPP)	1x282+1x132	414	414	390	416	410	410						
127	Bogra	22 MW PP (GBB)	Gas	(RPP)	6x4.0	22	22	21	21	22	22						
128	Bogura	20 MW PP (Energyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	12	8	10	10						
129	Ullapara	11 MW PP (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	8	8	11	11						
130	Natore	52 MW PP (Rajlanka)	HFO	(IPP)	6x8.92	52	52	0	0	52	52						
131	Bagura	113 MW PP (Confidence) Unit-1	HFO	(IPP)	6*18.55	113	113	0	109	113	113						
132	Bagura	113 MW PP (Confidence) Unit-2	HFO	(IPP)	6x18.55	113	113	0	0	93	93						
Rajshahi Zone Total						2193	2183	772	1101	1541	1711	311	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	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	0	113	113	113						
137	Saidpur	20 MW GTTP	HSD	(PDB)	1 x 20	20	20	0	9	0	10						
138	Majpara, Tatulia & MW Solar PP (Sympa	Solar	(IPP)		1 x 8	8	8	1.9	0	8	0						
Rangpur Zone Total						685	605	152	272	271	273	170	0				
Sub-total: Plants in operation						20383	19892	7640.3	10415	13790	15135	1219	1331				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								7351	9998	13268	14562						
(B) Contract expired power plants																	
Sub-Total: Plants under long term maintenance						0	0	0	0	0	0						
Gross Total						20383	19892	7640	10415	13790	15135	1219	1331				
(C) Actual data of 31.07.20 (Yesterday) Friday :																	
01.	Max. Demand (Generation end)	:	10415.00	MW, at =	21:00 hrs P	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
02.	Max. Demand (Sub-station end)	:	10021.00	MW, at =	21:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW				
03.	Highest Generation (Generation end)	:	10539.00	MW, at =	22:00 hrs	Dhaka	2822	2822	0	Mymensingh	916	916	0				
04.	Minimum Generation (Generation end)	:	7092.10	MW, at =	8:00 hrs	Dhaka	2822	2822	0	Mymensingh	916	916	0				
05.	Day-peak Generation (Generation end)	:	7640.30	MW, at =	12:00 hrs	Chattogram	937	937	0	Sylhet	482	482	0				
06.	Evening-peak Generation (Generation end)	:	10415.00	MW, at =	21:00 hrs	Khulna	1506	1483	0	Barishal	352	352	0				
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs P	Rajshahi	1174	1174	0	Rangpur	729	729	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7181.87	MW, at =	7:00 hrs am	Cumilla	1103	1103	0								
09.	Generation shortfall at evening peak due to :	:								Total	10021	9998	0				
	a) Gas limitation	:	962	MW		13.	Fuel cost :	(a) Gas = 157472271 Taka	(c) Coal = 69116682 Taka								
	d) Coal supply Limitation	:	170	MW				(b) Oil = 228912937 Taka	Total = 455501890 Taka								
	b) Low water level in Kapta lake	:	87	MW													
	c) Plants under shut down/ maintenance	:	1331	MW		14.	Maximum Temperature in Dhaka was :	35.1° C									
10.	Total Energy (Generation + India Import)	:	215.79	MKWh		15.	Export through East-West interconnections :										
	By Gas =	139.908	MKWH	By Oil =	32.123	MKWh	At evening peak-hour	:	-192	MW, at	21:00 hrs	PM					
	By Coal =	14.882	MKWH	By Hydro =	3.396	MKWh	Maximum	:	-207	MW, at	19:30	hrs					
	By Solar=	0.208	MKWH				Energy	:	1.054	MKWh							
11.	Total Gas Supplied	:	1128.50	MMCFD													
(D) Forecast of 01.08.20 (Today) Saturday :																	
01.	Maximum Demand	:	9500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)						
02.	Maximum Generation	:	15135	MW	(Generation end)	05.	Total Generation	:	194.52	MKWh							
03.	Maximum Shortage	:	-5635	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	35.2° C								

* Captive Power ** Imported Power

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

(Faouzul Islam Shaker)
Deputy Secretary, Generation