



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month August, 2020		Day : Thursday				Date : 06.08.20									
Probable Maximum Demand :		11300 MW		Yesterday = 93.06 ft		Today = 93.81 ft		Probable Maximum Generation : 14508 MW		Rule Curve = 90.60 ft					
Sl. No.	Name of Power Station	Fuel	Type	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.08.20 (Yesterday)		06.08.20 (Today)		05.08.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	06.08.20 (Today) Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	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	35	35	35		50	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	180	190	190					
	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	300	300	300	300					
3	Ghorasal 108MW PP (Regent)	Gas	(IPP)	3x43.35	108	108	53	96	100	100		12	Gas Shortage		
4	Ghorasal 78.5 MW PP(MAX)	Gas	(QRPP)	2x40	78	78	40	68	70	70		10	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	300	346	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	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	73	180	150	180	30		Gas Shortage		
12	Siddhirgonj 335 MW CCPP	Gas	(EGCB)	1 x 217+1x118	335	335	300	321	330	330					
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	7	24	100	100					
14	Meghnaghat CCPP(Summit)	GAS	(IPP)	2x110+1x110	305	305	145	140	150	150					
15	Meghnaghat 100 MW(IEL)	HFO	(QRPP)	12x8.9	100	100	7	41	100	100					
16	Madanganj 102 PP(Summit)	HFO	(QRPP)	6x17	102	100	30	78	75	75					
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	50	102	102					
20	Narsingdi 22 MW PP (Doreen)	Gas	(SIIP, REB)	8x2.90	22	22	0	16	16	16					
21	Summit Power,(Madhabdi-Ashulia)	Gas	(SIIP, REB)	6x3.67+7x8.73	80	80	37	41	47	47					
22	Maona 33 MW PP(Summit)	Gas	(SIIP, REB)	4x8.73	33	33	24	33	33	33					
23	Rupganj 33 MW PP(Summit)	Gas	(SIIP, REB)	4x8.73	33	33	25	25	25	25					
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	48	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	30	165	300	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO	(IPP)	8x18.415+1x8.97	149	149	126	133	149	149					
31	Keraniganj 300 MW PP (APR)	HSD	(IPP)	25x6.14	300	300	0	0	100	300					
32	Bramhanganj 100 MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	0	50	100					
33	Auraha 100MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	0	80	100					
34	Nabaganj 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	18	72	104	104					
Dhaka Zone Total					6119	5895	1992	2859	4019	4334	367	747			
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro	(PDB)	2x40, 3x50	230	230	102	102	145	145	128		Low Water Level		
39	a) Chattogram TPP-1	Gas	(PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.	11/8/2020	
	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	7	6.4	0	5	0					
41	Raozan 25 MW PP	HFO	(RPCL)	3x8.9	25	25	0	8	25	25					
42	Teknaf 20MW PP (Solarsat)	Solar	(IPP)	1x20	20	20	0	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	Sikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	140	139	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	178	306	300	300					
48	Juldah 100 MW Unit-1 (Acorn)	HFO	(QRPP)	8x13.45	100	100	0	0	100	100					
49	Juldah 100 MW Unit-3 (Acorn)	HFO	(IPP)	8x13.45	100	100	100	100	100	100					
50	Dohazari -Kalaisa 100 MW Peakin	HFO	(PDB)	6x17.0	102	102	0	102	100	100					
51	Hathazari 100 MW peaking PP	HFO	(PDB)	11x8.9	98	98	0	0	0	0					
52	Barakunda 22 MW PP (Regent)	Gas	(SIIP, PDB)	8x2.90	22	22	21	21	21	21					
*	Malancha, Ctg EPZ (United)	Gas		5x8.73+3x9.34			18	41	15	30					
53	Chattogram 108 MW PP (ECPV)	HFO	(IPP)	16x7.00	108	108	0	34	90	91					
54	Sikalbaha 54 MW Power Plant(Jodioc 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 (Acorn)	HFO	(IPP)	8x13.6	100	100	90	100	100	100					
Chattogram Zone Total					2326	2266	655.4	953	1411	1466	128	585			
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	100	135	100	100					
	c) Ashuganj TPP Unit-5	Gas	(APSCCL)	1 x 150	150	134	100	100	100	100	34		Gas Shortage		
58	Ashuganj 50 MW PP	Gas	(APSCCL)	14x3.968	53	45	41	40	40	42					
59	Ashuganj 225 MW CCPP	Gas	(APSCCL)	1x142+1*75	221	221	193	210	220	220					
60	Ashuganj 450 MW CCPP(South)	Gas	(APSCCL)	1x360	360	360	0	0	0	0	360		Under inspection	11/8/2020	
61	Ashuganj 450 MW CCPP(North)	Gas	(APSCCL)	1x361	360	360	295	325	300	300					
62	Ashuganj 55 MW PP (Precision)	Gas	(RPP)	15*4	55	55	40	49	45	45					
63	Ashuganj 195MW PP (APSCCL)	Gas	(IPP)	20*9.73+1*16	195	195	26	45	55	55					
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	35	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	51	91	0	0					
68	Chandpur 200MW (Desh energy)	HFO	(IPP)	12x18.415	200	200	0	0	200	200					
69	Feni 22MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22	20	20	20	22					
70	Feni 11 MW PP (Doreen)	Gas	(SIIP, REB)	4x2.90	11	11	8	8	11	11					
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	52	52	52	52					
73	Cumilla 25 MW PP (Summit)	Gas	(SIIP, REB)	3x3.67+2x6.97	25	25	19	19	18	18					
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	100	114	114	114					
76	Chowmuhani 113 MW	HFO	(IPP)	12*9.78+2*3.1	113	113	0	57	60	60					
**	Impoport (Tripura)	India			160	160	92	12							

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.08.20 (Yesterday)		06.08.20 (Today)		05.08.20 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	58	60	80	80						
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	22	30	30						
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	47	50	51	51						
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	41	45	44	44						
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163						
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, 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	217	222	210	210						
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	82	85	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	9	10	10	10						
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	21	16	25	25						
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	341	341						
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			Under maint.			
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0						
Sylhet Zone Total				2033	1988	992	1031	1130	1135	0	468				
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	340	350	360	410						
101	Fairpur 50 MW Peaking PP	HFO (PDB)	6x6.98	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 (NWPGL)	1 x 150+1x75	230	230	120	145	130	225						
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	116	115	115	115						
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	16	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	0	105	105						
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)	India		1000	1000	930	935	939	939						
Khulna Zone Total				2288	2284	1406	1601	1849	2140	0	0				
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32	110	110						
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	11	21	33	33						
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	88	88	80	81			GT-2 Under maint.			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	33	76	76	79						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	348	529	600	600						
Barishal Zone Total				1054	1054	480	746	899	903	0	106				
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage			
	b) Baghabari 100 MW GTPP	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	0	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	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	99	100	100						
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	45						
121	Katakali 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	26	0	35						
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			Gas Shortage			
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	158	200	180	220						
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	178	193	200	220						
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	399	403	414	414						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	20	22	22						
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	10	10	10						
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	8	8	8						
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	70	109	113	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113						
Rajshahi Zone Total				2193	2183	844	1068	1462	1692	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	149	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	0	112	113	113						
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	3	0	10						
138	Majpara, Tatalia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	4.6	0	8	0						
Rangpur Zone Total				685	605	155	264	271	273	170	0				
Sub-total: Plants in operation				20383	19892	8171.6	10538	13348	14508	1215	2266				
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	0			
Gross Total				20383	19892	8172	10538	13348	14508	1215	2266				
(C) Actual data of 05.08.20 (Yesterday) Wednesday :															
01.	Max. Demand (Generation end)	:	10538.00	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)	:	10181.00	MW, at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	10666.00	MW, at =	23:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	:	8079.30	MW, at =	9:00 hrs	Dhaka	3054	3054	0	Mymensingh	954	954	0		
05.	Day-peak Generation (Generation end)	:	8171.60	MW, at =	10:00 hrs	Chattogram	1076	1076	0	Sylhet	485	485	0		
06.	Evening-peak Generation (Generation end)	:	10538.00	MW, at =	21:00 hrs	Khulna	1323	1323	0	Barishal	281	281	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Rajshahi	1107	1107	0	Rangpur	763	763	0		
08.	Actual Minimum Generation up to 8:00 hrs.	:	8124.10	MW, at =	7:00 hrs	Comilla	1138	1138	0						
09.	Generation shortfall at evening peak due to :	:				Total						10181	10181	0	
	a) Gas limitation	:	917	MW		13.	Fuel cost :	(a) Gas =	154884285	Taka	(c) Coal =	66869075	Taka		
	d) Coal supply Limitation	:	170	MW				(b) Oil =	336649576	Taka	Total =	558402936	Taka		
	b) Low water level in Kaptai lake	:	128	MW		14.	Maximum Temperature in Dhaka was :						34.6° C		
	c) Plants under shut down/ maintenance	:	2266	MW		15.	Export through East-West interconnections :								
10.	Total Energy (Generation + India Import)	:	218.50	MKWh		At evening peak-hour						104	MW, at	21:00 hrs PM	
	By Gas =	131.750	MKWh	By Oil =	44.766	Maximum						-8	MW, at	3:00 hrs	
	By Coal =	14.373	MKWh	By Hydro =	2.384	Energy						0.0595	MKWh		
	By Solar=	0.147	MKWh												
11.	Total Gas Supplied	:	1111.97	MMCFD											
(D) Forecast of 06.08.20 (Today) Thursday :															
01.	Maximum Demand	:	11300	MW	(Generation end)	04.	Maximum Load-shed						0	MW	At evening peak (Sub-station end)
02.	Maximum Generation	:	14508	MW	(Generation end)	05.	Total Generation						231.49	MKWh	
03.	Maximum Shortage	:	-3208	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :						34° C		

*Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation