



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month August, 2020				Day : Wednesday				Date : 12.08.20					
Probable Maximum Demand : 12500 MW				Probable Maximum Generation : 14794 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 94.79 ft		Today = 94.78 ft.		Rule Curve = 92.52 ft.					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.08.20 (Yesterday)		12.08.20 (Today)		11.08.20 (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)			
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	33	33	35	35		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	101	101	0	100	79		Gas Shortage	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110	80		Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	290	290	300	300				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108		Gas Shortage	
4	Ghorasal 78.5 MW PP (MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		Gas Shortage	
5	Tongi 80 MW GTTP	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	339	323	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	450	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0		412	Under maint.	
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	35	35	40	40	175		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	300	325	330	330				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	97	99	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	305	275	305	305				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	95	80	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	55	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	60	100	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	84	102	102				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	22	19	19				
21	Summit Power, (Madhadi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x8.73	80	80	49	55	47	47				
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	25	25				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	52	35	50				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	105	100	100				
26	Kodda 150MW PP	HFO (BPOB-RPCL)	9x17.06	149	149	0	149	149	149				
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	41	0	0				
28	Kamalaghat 54 MW PP (Barco 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	293	300	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	103	131	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x1.4	300	300	0	0	100	300				
32	Bramhangon 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	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	20	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	18	104	104	104				
Dhaka Zone Total				6119	5895	3049	3608	3842	4227	645	749		
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	111	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	2.7	0	5	0				
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25				
42	Teknaf 20MW PP (Solarsitech)	Solar (IPP)	1x20	20	20	10.5	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	19	50	50				
44	Sikalbaha 105 MW PP (Baraka Sil)	HFO (IPP)	6x18.415	105	105	0	0	100	100				
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	139	140	140				
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	232	230	225	225				
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	216	214	300	300				
48	Juidah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
49	Juidah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100				
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	68	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 (SIIP, PDB)	8x2.90	22	22	18	18	21	21				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	38	10	20				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	6	94	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	Juidah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100				
Chattogram Zone Total				2326	2266	938.2	1173	1596	1646	85	360		
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	120	120				
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	80	130	130	54		Gas Shortage	
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	33	36	40	42				
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	201	204	220	220				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	285	280	360	360				
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0		360	Under inspection	
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	49	5	51	51				
63	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	63	26	63	63				
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	65	130	150	150				
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	42				
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	96	87	90	90				
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	120	200	200				
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	21	21	22	22				
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	32	25	33	33				
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	43	52	52				
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	18	20	18	18				
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+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	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	57	57	60	60				
**	Impoport (Tripura)	India		160	160	138	166	157	173				
Cumilla Zone Total				3040	2980	1288	1598	1942	2202	189	360		
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	151	141	155	155				
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	17	17				
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	72	71	95	95				
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x8.87	115	115	45	115	115	115				
81	Myemensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	190	200	200	200				
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	1.6	0				
Myemensingh Zone Total				645	637	480.1	547	583.6	582	0	0		

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						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	Probable start-up date
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	86	87	87	87				
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)		51	51	47	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	49	44	44				
87	Kushlira 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	27	60	61	66				
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	212	210	210	210				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	85	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	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	280	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	1026	1080	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 (NWPGCL)	1 x 278+1 x 132	410	410	320	335	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 (NWPGCL)	1 x 150+1x75	230	230	120	200	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 (NWPGCL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	926	921	926	926				
Khulna Zone Total				2288	2284	1481	1816	1906	2127	0			
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	98	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	21	37	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	89	90	80	81		104	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	76	76	79				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	490	550	600	600				
Barishal Zone Total				1054	1054	677	851	899	903	0	104		
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 (Paramoun	HSD (IPP)	135x1.6	200	200	0	0	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	97	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	0	45				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	25	50	50				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	0	35				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	182	160	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	181	190	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	375	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	19	20	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	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	52	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	85	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	889	1320	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	140	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	71	113	113	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	3.4	0	8	0				
Rangpur Zone Total				685	605	223	253	271	273	170	0		
Sub-total: Plants in operation				20383	19892	10051.7	12246	13699	14794	1470	2033		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
						9545	11629	13008	14049				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	10052	12246	13699	14794	1470	2033		
(C) Actual data of 11.08.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	12246.00	MW, at = 21:00 hrs PM	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11629.00	MW, at = 21:00 hrs PM		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12246.00	MW, at = 21:00 hrs		MW	MW	MW		MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	9322.60	MW, at = 8:00 hrs		Dhaka	3848	3848	0	Mymensingh	984	984	0
05.	Day-peak Generation (Generation end)	:	10051.70	MW, at = 12:00 hrs		Chattogram	1115	1115	0	Sylhet	487	487	0
06.	Evening-peak Generation (Generation end)	:	12246.00	MW, at = 21:00 hrs		Khulna	1552	1552	0	Barishal	368	368	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs PM		Rajshahi	1293	1293	0	Rangpur	782	782	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	9148.90	MW, at = 7:00 hrs and		Cumilla	1200	1200	0				
09.	Generation shortfall at evening peak due to :	:						Total		11629	11629	0	
	a) Gas limitation	:	1215	MW		13. Fuel cost :		(a) Gas = 159347490 Taka		(c) Coal = 76647858 Taka		Taka	
	d) Coal supply Limitation	:	170	MW				(b) Oil = 604662593 Taka		Total = 840657941 Taka		Taka	
	b) Low water level in Kaplai lake	:	85	MW									
	c) Plants under shut down/ maintenance	:	2033	MW		14. Maximum Temperature in Dhaka was :		34.5° C					
10.	Total Energy (Generation + India Import)	:	258.56	MKWh		15. Export through East-West interconnections :							
	By Gas = 135.931		MKWh	By Oil = 77.514		At evening peak-hour		:	10	MW, at	21:00 hrs PM		
	By Coal = 16.628		MKWh	By Hydro = 3.081		Maximum		:	-22	MW, at	19:30 hrs		
	By Solar= 0.090		MKWh			Energy		:	0.037	MKWh			
11.	Total Gas Supplied	:	1148.80	MMCFD									
(D) Forecast of 12.08.20 (Today) Wednesday :													
01.	Maximum Demand	:	12500	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14794	MW (Generation end)	05.	Total Generation : 263.92 MKWh							
03.	Maximum Shortage	:	-2294	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 32.2° C							
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Fazoul Islam Shaker) Deputy Secretary, Generation													