



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month August, 2020		Day : Thursday		Date : 13.08.20								
Probable Maximum Demand : 12600 MW		Yesterday = 94.78 ft		Today = 94.73 ft								
Water Level of Kaptai Lake at 06:00 AM		Rule Curve = 92.52 ft										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.08.20 (Yesterday)		13.08.20 (Today)		12.08.20 (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	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	0	0	0	0		180	Under maint.
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	70	110	110	120		Gas Shortage
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	250	290	300	300			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	3x43.35	108	108	95	95	100	100		13	Gas Shortage
4	Ghorashal 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	343	352	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	300	360	450	450			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0		115	Under Overhauling
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0		412	Under maint.
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	322	260	330	330	210		Gas Shortage
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	97	83	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	280	265	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	93	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	79	79	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	8	88	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	84	84	102	102			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	19	19			
21	Summit Power,(Madhabdi-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	32	52	35	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	105	52	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	60	149	149	149			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	35	49	50			
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	115	131	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	51	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	Nabaganj 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	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	104	104	104	104			
Dhaka Zone Total				6119	5895	3149	3387	3951	4237	546	929	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	154	153	153	153	76		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	6.1	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	15.38	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	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	143	109	140	140			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	231	229	225	225			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	197	197	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 -Kalais 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			2	29	10	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	84	97	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	1006.48	1159	1639	1689	76	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	100	80	120	120	49		Gas Shortage
	c) Ashuganj TPP Unit-5	Gas (APSCCL)	1 x 150	150	134	80	80	130	130	54		Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	20	36	40	42			
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	183	212	220	220			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	270	255	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	5	15	51	51			
63	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	73	73	78	78			
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	103	135	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	86	85	90	90			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	1	170	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	21	22	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	25	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	22	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	17	114	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	57	56	60	60			
**	Impoport (Tripura)	India		160	160	138	166	157	173			
Cumilla Zone Total				3040	2980	1289	1673	1957	2217	238	360	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	152	140	155	155			
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	20	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	64	72	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	30	115	115	115			
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	200	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.6	0	1.6	0			
Myemsingh Zone Total				645	637	463.6	547	583.6	582	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.08.20 (Yesterday)		13.08.20 (Today)		12.08.20 (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	87	86	87	87				
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	50	53	51	51		60	GT-4 Under maint.	
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	45	49	44	44				
87	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
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	58	59	61	66				
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	211	211	210	210				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	83	85	86	86				
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	0	40	40	40				
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	24	24	25	25				
97	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	280	341	341				
98	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	1086	1119	1177	1182	0	460		
99	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	345	410	410				
101	Fairdur 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 CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	220	150	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	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	40	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 (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	914	916	930	930				
	Khulna Zone Total			2288	2284	1523	1841	1910	2131	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	36	33	33				
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	89	90	89	89		104	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	75	77	76	79				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	470	619	600	600				
	Barishal Zone Total			1054	1054	657	932	908	911	0	104		
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	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	36	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	98	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	47	0	45				
121	Katakali 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	28	0	35				
123	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0		210	Gas Shortage	
124	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	163	158	220	220				
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	179	203	220	220				
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	400	365	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	18	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	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	87	111	113	113				
	Rajshahi Zone Total			2193	2183	1026	1319	1522	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	107	112	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	1.1	0	8	0				
	Rangpur Zone Total			665	605	258	261	271	273	170	0		
	Sub-total: Plants in operation			20383	19892	10458.2	12238	13919	14914	1411	2213		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					10100	11819	13442	14403				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20383	19892	10458	12238	13919	14914	1411	2213		
	(C) Actual data of 12.08.20 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)			12238.00	MW, at = 20:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)			11819.00	MW, at = 20:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)			12284.00	MW, at = 22:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)			9148.90	MW, at = 8:00 hrs	Dhaka	3949	3949	0	Mymensingh	1011	1011	0
05.	Day-peak Generation (Generation end)			10458.18	MW, at = 12:00 hrs	Chattogram	1215	1215	0	Sylhet	514	514	0
06.	Evening-peak Generation (Generation end)			12238.00	MW, at = 20:00 hrs	Khulna	1540	1540	0	Barishal	355	355	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 20:00 hrs	Rajshahi	1281	1281	0	Rangpur	797	797	0
08.	Actual Minimum Generation up to 8:00 hrs.			9307.90	MW, at = 7:00 hrs am	Cumilla	1157	1157	0				
09.	Generation shortfall at evening peak due to :									Total	11819	11819	0
	a) Gas limitation			1165	MW	13.	Fuel cost :	(a) Gas = 154379913 Taka	(c) Coal = 78584952 Taka				
	d) Coal supply Limitation			170	MW		(b) Oil = 626711252 Taka	Total = 859676118 Taka					
	b) Low water level in Kaptai lake			76	MW								
	c) Plants under shut down/ maintenance			2213	MW	14.	Maximum Temperature in Dhaka was :	33.8° C					
10.	Total Energy (Generation + India Import)			260.15	MKWh	15.	Export through East-West interconnections :						
	By Gas = 132.382 MKWh				By Oil = 81.830 MKWh		At evening peak-hour	: 134	MW, at	20:00 hrs PM			
	By Coal = 17.040 MKWh				By Hydro = 3.258 MKWh		Maximum	: 42	MW, at	4:00 hrs			
	By Solar= 0.180 MKWh						Energy	: 0.012	MKWh				
11.	Total Gas Supplied			1116.90	MMCFD								
	(D) Forecast of 13.08.20 (Today) Thursday :												
01.	Maximum Demand			12600	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation			14914	MW (Generation end)	05.	Total Generation	: 266.85	MKWh				
03.	Maximum Shortage			-2314	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.9° C					

*Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation