



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month August, 2020		Day: Monday				Date: 10.08.20							
Probable Maximum Demand: 12400 MW		Yesterday = 94.64 ft				Today = 94.64 ft				Probable Maximum Generation: 14829 MW			
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 91.88 ft				Today = 91.88 ft				Rule Curve = 91.88 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.08.20 (Yesterday)		10.08.20 (Today)		09.08.20 (Yesterday)		10.08.20 (Today)		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	35	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	100	100	100	80		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	300	300	300	300				
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0		108	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	350	352	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	400	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	95	140	120	120	70		Gas Shortage	
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	328	329	330	330				
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	100	100	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	295	275	305	305				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	67	68	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	96	97	75	75				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	15	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	93	93	102	102				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	19	19				
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	53	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	0	35	50				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	88	35	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	20	149	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	53	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	286	300	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	125	132	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	Nababganj 55 MW PP (Southern p)	HFO (IPP)	3x19.3	55	55	17	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	3290	3437	3997	4282	541	747	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	149	151	145	145	79		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	4.4	0	0	5	0				
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	12.1	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	47	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	147	140	140	140	140				
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	151	151	151				
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	307	269	300	300				
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
49	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100				
50	Dohazari -Kalaisah 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	87	100	100				
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	7	0	0	0				
52	Barakunda 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	28	5	20				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	90	83	90	91				
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	10	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	100	100	100	100				
Chattogram Zone Total					2326	2266	993.5	1127	1552	1607	79	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	80	70	135	135				
	c) Ashuganj TPP Unit-5	Gas (APSCCL)	1 x 150	150	134	80	70	130	130	64		Gas Shortage	
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	23	36	40	42				
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	208	201	220	220				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	15	355	360	360				
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	260	220	0	0				
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	10	51	51	51				
63	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	0	0	0	0				
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	0	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	91	90	90	90				
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	22	22				
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	5	11	11				
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	25	33	33				
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	52	52	52				
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	18	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	0	70	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	142	170	157	173				
Cumilla Zone Total					3040	2980	1085	1510	1894	2154	199	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	150	155	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	65	72	95	95				
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	80	115	115	115				
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	192	192	200	200				
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	1.6	0				
Myemsingh Zone Total					645	637	504.7	554	583.6	582	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.08.20 (Yesterday)		10.08.20 (Today)		09.08.20 (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	85	87	87	87				
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	0	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	48	53	51	51			90	
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	48	44	44				
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	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	210	211	210	210				
91	Shahjibazar 86MW PP (Shahjibaz)	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	0	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	13	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	310	341	341				
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			400	
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	1035	1030	1137	1142	0	490		
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	345	410	410				
101	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	27	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	230	130	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	8	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	910	910	933	933				
	Khulna Zone Total			2288	2284	1477	1872	1893	2134	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	22	35	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	89	89	80	81			105	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	75	78	76	79				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	483	530	600	600				
	Barishal Zone Total			1054	1054	669	842	899	903	0	105		
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	60	55	60			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	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	98	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	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	33	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	195	160	180	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	195	165	200	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	408	358	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	19	21	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	11	10	10				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	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	109	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	15	111	113	113				
	Rajshahi Zone Total			2193	2183	954	1340	1517	1752	321	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	149	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	113	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	1.4	0	8	0				
	Rangpur Zone Total			685	605	263	262	271	273	170	0		
	Sub-total: Plants in operation			20383	19892	10271.6	11974	13744	14829	1310	1702		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					9880	11518	13220	14264				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20383	19892	10272	11974	13744	14829	1310	1702		
	(C) Actual data of 09.08.20 (Yesterday) Sunday :												
01.	Max. Demand (Generation end)			11974.00	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)			11518.00	MW, at = 21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)			11974.00	MW, at = 21:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)			9079.20	MW, at = 8:00 hrs	Dhaka	3728	3728	0	Mymensingh	977	977	0
05.	Day-peak Generation (Generation end)			10271.60	MW, at = 12:00 hrs	Chattogram	1175	1175	0	Sylhet	508	508	0
06.	Evening-peak Generation (Generation end)			11974.00	MW, at = 21:00 hrs P	Khulna	1522	1522	0	Barishal	356	356	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 21:00 hrs P	Rajshahi	1299	1299	0	Rangpur	796	796	0
08.	Actual Minimum Generation up to 8:00 hrs.			9161.00	MW, at = 7:00 hrs am	Cumilla	1157	1157	0				
09.	Generation shortfall at evening peak due to :									Total	11518	11518	0
	a) Gas limitation			1061	MW	13.	Fuel cost :	(a) Gas = 157954983	Taka	(c) Coal = 78017215	Taka		
	d) Coal supply Limitation			170	MW		(b) Oil = 571480893	Taka	Total = 807453091	Taka			
	b) Low water level in Kaptai lake			79	MW								
	c) Plants under shut down/ maintenance			1702	MW	14.	Maximum Temperature in Dhaka was :		32.7° C				
10.	Total Energy (Generation + India Import)			255.80	MKWh	15.	Export through East-West interconnections :						
	By Gas = 135.563	MKWh			By Oil = 74.189	MKWh	At evening peak-hour		123	MW, at	21:00 hrs PM		
	By Coal = 16.912	MKWh			By Hydro = 3.498	MKWh	Maximum		-16	MW, at	19:30 hrs		
	By Solar= 0.155	MKWh					Energy		0.019	MKWh			
11.	Total Gas Supplied			1186.37	MMCFD								
	(D) Forecast of 10.08.20 (Today) Monday :												
01.	Maximum Demand			12400	MW (Generation end)	04.	Maximum Load-shed		0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation			14829	MW (Generation end)	05.	Total Generation		264.90	MKWh			
03.	Maximum Shortage			-2429	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		33.3° C				

*Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation