



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month July, 2020				Day : Tuesday				Date : 14.07.20				
Probable Maximum Demand : 11500 MW				Probable Maximum Generation : 14545 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 83.91 ft				Today = 86.33 ft				
				Rule Curve = 86.08 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.07.20 (Yesterday)		14.07.20 (Today)		13.07.20 (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	32	35	35		53	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	STG Commissioning
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	180	180	180		10	Under maint.
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)	34x3.35	108	108	87	12	12	12			
4	Ghorasal 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 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	347	324	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	0	0	0	0		450	Under Inspection 18/7/2020
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	346	335	412	412			
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	149	150	100	200	60		Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	321	300	335	335			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	99	98	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	305	285	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	64	48	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	45	45	45			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	90	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	68	68	94	94			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	22	22			
21	Summit Power, (Madhadi+Ashulia)	Gas (SIIP, REB)	6x3.67+1x8.73	80	80	54	54	55	55			
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	33	33			
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	70	70	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	133	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	15	52	52			
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	193	270	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	95	113	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	55	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	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	0	24	0	0			
Dhaka Zone Total				6119	5895	3019	3349	3900	4285	263	978	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	108	108	113	113	122		Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	95	95	95			
	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	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	6	25	25			
42	Teknaf 20MW PP (Solarsitech)	Solar (IPP)	1x20	20	20	2.2	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	12	50	50			
44	Sikalbaha 105 MW PP (Baraka Sil)	HFO (IPP)	6x18.415	105	105	0	17	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	140	150	150			
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	306	306	300	300			
48	Juidah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	80	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	102	100	102			
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	17	19	19	19			
*	Malancha Ctg EPZ (United)	Gas	5x8.73+3x9.34			6	32	10	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	65	80	100			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	34	54	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	909.2	1156	1447	1538	122	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	100	100	135			
	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	29	30	30	30			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1x75	221	221	138	107	110	110			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	320	280	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	290	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	30	51	55			
63	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20'9.73+1'16	195	195	36	8	8	8			
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	35	43	43			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	40	100	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	94	93	95	95			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	80	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	8	11	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	16	40	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	20	21	21	21			
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	114	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	94	113	113	113			
**	Impoort (Tripura)	India		160	160	130	156	154	173			
Cumilla Zone Total				3040	2980	1409	1704	2027	2335	269	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	101	108	160	160			
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	89	95	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115			
81	Myemensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	43	140	170	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	1.6	0			
Myemensingh Zone Total				645	637	370.9	480	563.6	592	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.07.20 (Yesterday)		14.07.20 (Today)		13.07.20 (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)	Description/ Remarks	Probable start-up date
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	91	90	90	90				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	0	0	30		90	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatalui	Gas (RPP)	19x2.90	51	51	50	50	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	43	42	44	44				
87	Kushira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	0	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	62	61	66				
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	157	299	330	330				
91	Shahjibazar 86MW PP (Shahjibaz	Gas (RPP)	32x2.90	86	86	74	77	74	74				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	150	100	150	150				
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	24	25				
97	Bibiana-II 341 MW CCPP (Summit	Gas (IPP)	1x222+1x119	341	341	295	300	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						1175	1202	1367	1403	0	490		
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	285	410	410				
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	21	20	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	56	48	60				
103	Khulna 225 MW CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	115	115	115				
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	85	60	100				
106	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	33	33	40	40				
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	53	105	105				
108	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	85	105	100	105				
**	Bheramara (HVDC)	India		1000	1000	948	945	959	959				
Khulna Zone Total						2288	2284	1418	1698	1857	2165	0	194
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	64	110	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	36	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	68	68		194	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	41	95	78	79				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	0	95	0	0				
Barishal Zone Total						1054	1054	123	336	289	290	0	194
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	11	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	93	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	48	43	45				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	24	50	50				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	34	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	200	161	200	200				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	172	170	210	210				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	402	374	410	410				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	12	11	11				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
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	0	35	70	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	74	110	70	113				
Rajshahi Zone Total						2193	2183	890	1207	1449	1662	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	150	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	50	113	90	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	12	0	12				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	3.6	0	8	0				
Rangpur Zone Total						685	605	203	275	248	275	170	0
Sub-total: Plants in operation						20383	19892	9516.7	11407	13148	14545	1205	2067
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9153	10971	12645	13989				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance						0	0	0	0	0	0		
Gross Total						20383	19892	9517	11407	13148	14545	1205	2067
(C) Actual data of 13.07.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	11407.00	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)	:	10971.00	MW, at = 20:00 hrs P		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11452.00	MW, at = 22:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8140.73	MW, at = 7:00 hrs		Dhaka	3911	3911	0	Mymensingh	852	852	0
05.	Day-peak Generation (Generation end)	:	9516.70	MW, at = 12:00 hrs		Chattogram	1096	1096	0	Sylhet	414	414	0
06.	Evening-peak Generation (Generation end)	:	11407.00	MW, at = 20:00 hrs		Khulna	1392	1392	0	Barishal	321	321	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Rajshahi	1188	1188	0	Rangpur	730	730	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8656.10	MW, at = 7:00 hrs		Cumilla	1067	1067	0				
09.	Generation shortfall at evening peak due to :	:								Total	10971	10971	0
	a) Gas limitation	:	913	MW		13.	Fuel cost :	(a) Gas = 158526656	(c) Coal = 46429195				
	d) Coal supply Limitation	:	170	MW				(b) Oil = 462737411	Taka	Total = 667693262			
	b) Low water level in Kaptai lake	:	122	MW		14.	Maximum Temperature in Dhaka was :	33.2° C					
	c) Plants under shut down/ maintenance	:	2067	MW		15.	Export through East-West interconnections :						
10.	Total Energy (Generation + India Import)	:	234.72	MKWh			At evening peak-hour	: -340	MW, at 20:00 hrs PM				
	By Gas = 134.889			By Oil = 61.445			Maximum	: -344	MW, at 21:00 hrs				
	By Coal = 9.714			By Hydro = 2.562			Energy	: 1.072	MKWh				
11.	Total Gas Supplied	:	1138.89	MMCFD									
(D) Forecast of 14.07.20 (Today) Tuesday :													
01.	Maximum Demand	:	11500	MW (Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14545	MW (Generation end)		05.	Total Generation	:	235.71	MKWh			
03.	Maximum Shortage	:	-3045	MW (Generation end)		06.	Probable Max. Temperature in Dhaka :	:	32.5° C				

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation