



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month July, 2020				Day : Thursday				Date : 16.07.20			
Probable Maximum Demand : 12500 MW				Probable Maximum Generation : 14868 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 86.38 ft				Today = 87.93 ft			
				Rule Curve = 86.40 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.07.20 (Yesterday)		16.07.20 (Today)		15.07.20 (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	33	35	35		Unit 2 under maint.
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	52	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	0	60	140	140		
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	0	0		
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	87	94	100	100		
4	Ghorashal 78.5 MW PP (MAX)	Gas (QRPP)	2x40	78	78	0	0	78	78	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	348	303	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	400	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	343	333	412	412		
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	100	200	210	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	323	250	335	335		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	300	285	305	305		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	0	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	64	97	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	47	45	45		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	100	100	100	100		
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	0	0	0	0		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	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	25	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	2	52	35	50		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	104	106	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	10	133	149	149		
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	17	48	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	268	267	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	97	96	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	56	100	300		
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	50	100		
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	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(ELC)	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	90	90	90		
Dhaka Zone Total				6119	5895	2948	3380	4022	4457	413	517
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	131	144	143	143	86	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	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	3.2	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
42	Teknaf 20MW PP (Solarsitech)	Solar (IPP)	1x20	20	20	8.5	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	25	50	50	50		
44	Sikalbaha 105 MW PP (Baraka Sil	HFO (IPP)	6x18.415	105	105	0	0	100	100		
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	143	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	307	271	300	300		
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	20	100	100		
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	90	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			4	27	10	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	88	97	100	100		
54	Sikalbaha 54 MW Power Plant(Jodiad Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	50	54		
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110		
56	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100		
Chattogram Zone Total				2326	2266	1065.7	1244	1517	1568	86	405
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	100	135		
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	26	29	30	30		
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	208	96	180	180		
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	280	295	360	360		
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	290	270	360	360		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	51	55		
63	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8		
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	5	43	43		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	130	145	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	95	95	95	95		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	200	200	200		
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	18	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	33	33	33	33		
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	22	43	43	43		
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	17	21	21	21		
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	109	114	114		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	105	113	113	113		
**	Impoport (Tripura)	India		160	160	140	160	154	173		
Cumilla Zone Total				3040	2980	1485	1775	2088	2388	269	0
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	122	108	160	160		
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	22	22		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	95	95	95	95		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x8.87	115	115	115	110	115	115		
81	Myemensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	40	172	170	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	1.6	0		
Myemensingh Zone Total				645	637	393.8	505	563.6	592	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.07.20 (Yesterday)		16.07.20 (Today)		15.07.20 (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	90	91	90	90				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	22	22	22	68	GT-4 Under maint.		
85	Fenchugonj 51 MW PP (Barakatalui	Gas (RPP)	19x2.90	51	51	47	50	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	42	46	44	44				
87	Kushira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	110	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	61	61	61	66				
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	323	333	330	330				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	75	75	75	75				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	150	100	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	24	25				
97	Bibiana-II 341 MW CCPP (Summit	Gas (IPP)	1x222+1x119	341	341	290	295	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						1304	1246	1240	1246	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	265	295	410	410				
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	20	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	48	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	16	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	105				
**	Bheramara (HVDC)	India		1000	1000	512	574	518	584				
Khulna Zone Total						2288	2284	833	1229	1416	1790	0	107
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	37	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	87	68	68	107	GT-2 Under maint.		
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	78	78	79				
113	Payra 1320 MW Unit-1	Coal (BCPL)	1x622	622	622	466	545	600	600				
Barishal Zone Total						1054	1054	630	857	889	890	0	107
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	98	100	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	43	45				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
122	Santalhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	0	35				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210	Gas Shortage		
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	168	181	200	200				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	171	177	210	210				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	354	413	410	410				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	11	11				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	8	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	29	52	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	109	70	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	65	111	70	113				
Rajshahi Zone Total						2193	2183	974	1395	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	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	113	90	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	10	0	12				
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	262	272	248	275	170	0
Sub-total: Plants in operation						20383	19892	9895.1	11903	13433	14868	1319	1497
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9563	11504	12982	14370				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	9895	11903	13433	14868	1319	1497		
(C) Actual data of 15.07.20 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	11903.00 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)	11504.00 MW, at = 21:00 hrs P				Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	12017.00 MW, at = 22:00 hrs					MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	8666.90 MW, at = 7:00 hrs				Dhaka	3934	3934	0	Mymensingh	945	945	0
05.	Day-peak Generation (Generation end)	9895.10 MW, at = 12:00 hrs				Chattogram	1188	1188	0	Sylhet	477	477	0
06.	Evening-peak Generation (Generation end)	11903.00 MW, at = 21:00 hrs				Khulna	1457	1457	0	Barishal	341	341	0
07.	Evening Peak Load-shed (Sub-station end)	0.00 MW, at = 21:00 hrs				Rajshahi	1258	1258	0	Rangpur	796	796	0
08.	Actual Minimum Generation up to 8:00 hrs.	8960.00 MW, at = 7:00 hrs				Cumilla	1108	1108	0				
09.	Generation shortfall at evening peak due to :									Total	11504	11504	0
	a) Gas limitation	1063 MW				13.	Fuel cost :	(a) Gas = 159266086 Taka	(c) Coal = 75968375 Taka				
	d) Coal supply Limitation	170 MW						(b) Oil = 551927555 Taka	Total = 787162016 Taka				
	b) Low water level in Kaptai lake	86 MW											
	c) Plants under shut down/ maintenance	1497 MW				14.	Maximum Temperature in Dhaka was :	34.2° C					
10.	Total Energy (Generation + India Import)	247.31 MKWh				15.	Export through East-West interconnections :						
	By Gas = 137.689	MKWh		By Oil = 70.933	MKWh		At evening peak-hour	-283	MW, at 21:00 hrs PM				
	By Coal = 16.445	MKWh		By Hydro = 3.204	MKWh		Maximum	-346	MW, at 1:00 hrs				
	By Solar= 0.217	MKWh					Energy	2.2375	MKWh				
11.	Total Gas Supplied	1133.87 MMCFD											
(D) Forecast of 16.07.20 (Today) Thursday :													
01.	Maximum Demand	12500 MW (Generation end)				04.	Maximum Load-shed	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	14868 MW (Generation end)				05.	Total Generation	257.25	MKWh				
03.	Maximum Shortage	-2368 MW (Generation end)				06.	Probable Max. Temperature in Dhaka :	32.8° C					

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation