



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2020						Day : Saturday				Date : 18.07.20					
Probable Maximum Demand : 11800 MW						Probable Maximum Generation : 14986 MW									
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 88.12 ft		Today = 88.29 ft		Rule Curve = 86.72 ft					
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.07.20 (Yesterday)		18.07.20 (Today)		17.07.20 (Yesterday)		(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		
(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	STG Commissioning			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180						
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	Under maint.			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	90	93	100	100						
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	70	69	78	78	9		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	345	348	360	360						
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	450	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	355	341	412	412						
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	97	0	100	200	210		Gas Shortage			
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	310	313	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	145	150	150	150						
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	0	0	0						
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	70	97	100	100						
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	1	47	45	45						
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	83	100	100						
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	0	0	0	0						
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	0	22	22						
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	45	52	55	55						
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
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	5	105	100	100						
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	82	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	35	53	54	54						
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	35	252	300	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	95	130	149	149						
31	Keranigonj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300						
32	Bramhangoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100						
33	Aurahati 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	0	35	55	55						
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	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	90	90	90						
Dhaka Zone Total				6119	5895	2256	3124	3805	4190	344	882				
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	142	147	147	147	83		Low Water Level			
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	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	3.7	0	5	0						
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25						
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	5.8	0	20	0						
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	12	0	50	50						
44	Sikalbaha 105 MW PP (Baraka Sik	HFO (IPP)	6x18.415	105	105	0	17	100	100						
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	146	143	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	307	300	300						
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	10	100	100						
49	Juldah 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	85	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 (SIPP, PDB)	8x2.90	22	22	19	19	19	19						
	* Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			0	39	10	20						
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	97	100	100						
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	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	925.5	1208	1521	1572	83	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	140	80	100						
	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	38	43	30	30						
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	175	213	180	180						
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	275	0	360	360						
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	325	360	360						
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	49	51	55						
63	Ashuganj 130MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	83	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	2	90	150	150						
66	Titass 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	97	96	95	95						
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200						
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	21	22	22						
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11						
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33						
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	43	43	43						
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	21	21						
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.054	200	200	0	0	0	200						
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	50	114	114						
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	113	113	113						
**	Import (Tripura)	India		160	160	124	160	154	173						
Cumilla Zone Total				3040	2980	1220	1526	2068	2353	269	0				
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	154	153	160	160						
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	22	22						
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	5	9								

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.07.20 (Yesterday)		18.07.20 (Today)		17.07.20 (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	44	44	90	90						
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 (Barakatull	Gas (RPP)	19x2.90	51	51	44	50	51	51						
86	Fenchuganj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	38	45	44	44						
87	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163						
88	Hobiganj 11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11						
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	57	59	61	66						
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	325	333	330	330						
91	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	76	76	75	75						
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	8	24	24	25						
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	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				2033	1988	1134	1163	1248	1254	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	395	385	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 (NWPGCL)	1 x 150+1x75	230	230	0	0	0	225						
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	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 (Kharanjahan Ali	HFO (QRPP)	5x8.5	40	40	40	40	40	40						
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	35	105	105						
108	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	100	105						
**	Bheramara (HVDC)	India		1000	1000	922	924	932	932						
Khulna Zone Total				2288	2284	1357	1599	1830	2138	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	19	23	33	33						
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	89	89	68	68		105	GT-2 Under maint.			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	78	76	78	79						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	455	547	600	600						
Barishal Zone Total				1054	1054	641	845	889	890	0	105				
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	60	60	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 (Paramount	HSD (IPP)	135x1.6	200	200	0	0	200	200						
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40						
118	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0						
119	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	99	100	100						
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	43	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 (NWPGCL)	1x150 + 1x75	220	220	197	195	200	200						
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	186	183	210	210						
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	406	405	410	410						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	22	22	22						
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	11	11						
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, 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	0	111	70	113						
Rajshahi Zone Total				2193	2183	827	1275	1509	1722	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	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	18	106	90	113						
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	9	0	12						
138	Majipara, Tatulia 8 MW Solar PP (Sympa P	Solar (IPP)	1 x 8	8	8	2.5	0	8	0						
Rangpur Zone Total				685	605	171	265	248	275	170	0				
Sub-total: Plants in operation				20383	19892	8814.5	11543	13682	14986	1247	1852				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							8495	11125	13186	14443					
(B) Contract expired power plants															
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0						
Gross Total				20383	19892	8815	11543	13682	14986	1247	1852				
(C)	Actual data of 17.07.20 (Yesterday) Friday :														
01.	Max. Demand (Generation end)			:	11543.00	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)			:	11125.00	MW, at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)			:	11794.00	MW, at =	22:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)			:	8316.60	MW, at =	8:00 hrs	Dhaka	3587	3587	0	Mymensingh	984	984	0
05.	Day-peak Generation (Generation end)			:	8814.50	MW, at =	12:00 hrs	Chattogram	1085	1085	0	Sylhet	486	486	0
06.	Evening-peak Generation (Generation end)			:	11543.00	MW, at =	21:00 hrs	Khulna	1462	1462	0	Barishal	339	339	0
07.	Evening Peak Load-shed (Sub-station end)			:	0.00	MW, at =	21:00 hrs P	Rajshahi	1276	1276	0	Rangpur	775	775	0
08.	Actual Minimum Generation up to 8:00 hrs.			:	8998.44	MW, at =	7:00 hrs am	Cumilla	1131	1131	0				
09.	Generation shortfall at evening peak due to :			:				13.				Total	11125	11125	0
	a) Gas limitation			:	994	MW			Fuel cost :	(a) Gas =	151804627	Taka	(c) Coal =	77260265	Taka
	d) Coal supply Limitation			:	170	MW				(b) Oil =	421875795	Taka	Total =	650940688	Taka
	b) Low water level in Kaptai lake			:	83	MW									
	c) Plants under shut down/ maintenance			:	1852	MW									
10.	Total Energy (Generation + India Import)			:	232.27	MKWh		14.	Maximum Temperature in Dhaka was :						34.4° C
	By Gas = 131.302 MKWH				By Oil = 55.221 MKWh			15.	Export through East-West interconnections :						
	By Coal = 16.735 MKWH				By Hydro = 3.391 MKWh				At evening peak-hour			:	-75	MW, at	21:00 hrs PM
	By Solar= 0.170 MKWH								Maximum			:	-95	MW, at	20:00 hrs
11.	Total Gas Supplied			:	1119.40	MMCFD			Energy			:	0.1705	MKWh	
(D)	Forecast of 18.07.20 (Today) Saturday :														
01.	Maximum Demand			:	11980	MW	(Generation end)	04.	Maximum Load-shed			:	0	MW	At evening peak (Sub-station end)
02.	Maximum Generation			:	14866	MW	(Generation end)	05.	Total Generation			:	232.39	MKWh	
03.	Maximum Shortage			:	-3186	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :			:	32.3° C		