



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2020		Day : Friday				Date : 17.07.20						
Probable Maximum Demand :		11000 MW		Probable Maximum Generation :				14918 MW				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 87.93 ft		Today = 88.12 ft		Rule Curve = 86.56 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.07.20 (Yesterday)		17.07.20 (Today)		16.07.20 (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
(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	140	140			
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	40	70	78	78		8	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	302	352	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	420	225	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	329	322	412	412			
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	100	200		210	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	250	315	335	335			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	230	140	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	91	96	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	35	47	45	45			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	88	100	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	22	22	22			
21	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	53	51	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rugganj 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	51	35	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	106	105	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	98	149	149			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	48	48	52	52			
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	268	268	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	95	95	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300			
32	Bramhangaoan 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 px)	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	90	90	90			
Dhaka Zone Total				6119	5895	2914	3225	3592	4202	343	882	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	142	145	147	147		85	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	7	6.3	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
42	Teknaf 20MW PP (Solarsoltech)	Solar (IPP)	1x20	20	20	12.5	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	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	110	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	308	300	300			
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	20	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 Peaking	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 (SIPP, PDB)	8x2.90	22	22	18	19	19	19			
*	Malancha, Ctg.EPZ (United)	Gas (SIPP, PDB)	5x8.73+3x9.34	108	108	2	36	10	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	70	97	100	100			
54	Sikalbaha 54 MW Power Plant(Jodiac 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	1086.8	1298	1521	1572	85	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	80	80	80			
	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	10	41	30	30			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	188	207	180	180			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	280	250	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	300	250	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	51	55			
63	Ashuganj 150MW PP (APSCL-United)	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	15	30	43	43			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	143	142	150	150			
66	Titass 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	25	0	42			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	92	90	95	95			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	34	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	20	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	109	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	113	113	113			
**	Impoport (Tripura)	India		160	160	126	168	154	173			
Cumilla Zone Total				3040	2980	1362	1680	2068	2333	269	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	138	141	160	160			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	22	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	91	95	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	108	109	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	70	182	170	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.5	0	1.6	0			
Mymensing Zone Total				645	637	424.5	547	563.6	592	0	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.07.20 (Yesterday)		17.07.20 (Today)		16.07.20 (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 CCPP Phase-1	Gas	(PDB)	2x32+1x33	97	70	88	91	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	47	47	51	51						
86	Fenchugonj 44MW (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	42	39	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	40	60	61	66						
90	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	330	308	330	330						
91	Shahjibazar 86MW PP (Shahjibaza)	Gas	(RPP)	32x2.90	86	86	75	77	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	24	24	24	25						
97	Bibiana-II 341 MW CCPP (Summit)	Gas	(IPP)	1x222+1x119	341	341	290	280	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	1168	1158	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	(NWPGL)	1 x 278+1 x 132	410	410	320	370	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 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	105	105	105						
108	Madhumati 100 MW PP	HFO	(NWPGL)	6x18.415	105	105	0	0	100	105						
**	Bheramara (HVDC)	India			1000	1000	923	915	932	932						
Khulna Zone Total					2288	2284	1299	1645	1830	2138	0	0				
109	Barisal 110 MW PP (Summit)	HFO	(IPP)	7 x 17.076	110	110	32	110	110	110						
110	Bhola 33 MW PP (Venture)	Gas	(RPP)	1x34.50	33	33	26	26	33	33						
111	Bhola 225 MW CCPP	Gas	(PDB)	2x63+1x68	194	194	89	88	68	68		106	GT-2 Under maint.			
112	Bhola 95 MW PP (Aggreko)	Gas	(QRPP)	1.1x96	95	95	76	76	78	79						
113	Payra 1320 MW Unit-1	Coal	(BCPCL)	1x622	622	622	429	508	600	600						
Barishal Zone Total					1054	1054	652	808	889	890	0	106				
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 (Paramount)	HSD	(IPP)	135x1.6	200	200	0	0	200	200						
117	Bera 70 MW Peaking PP	HFO	(PDB)	9x8.29	71	71	0	41	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	98	100	100						
120	Katakali 50 MW Peaking PP	HFO	(PDB)	6x8.7	50	50	44	45	43	45						
121	Katakali 50 MW PP (Northern)	HFO	(QRPP)	6x8.9	50	50	0	50	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	(NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage			
124	Sirajgonj 225MW CCPP Unit-2	Gas	(NWPGL)	1x150 + 1x75	220	220	153	164	200	200						
125	Sirajgonj 225MW CCPP Unit-3	Gas	(NWPGL)	1x141+1x79	220	220	168	178	210	210						
126	Sirajgonj 400 MW CCPP Unit-4	Gas	(IPP)	1x282+1x132	414	414	372	397	410	410						
127	Bogra 22 MW PP (GBB)	Gas	(RPP)	6x4.0	22	22	16	18	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	25	52	52	52						
131	Bagura 113 MW PP (Confidence) Unit-1	HFO	(IPP)	6x18.55	113	113	0	70	70	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO	(IPP)	6x18.55	113	113	111	111	70	113						
Rajshahi Zone Total					2193	2183	907	1329	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	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	113	113	90	113						
137	Saidpur 20 MW GTPP	HSD	(PDB)	1 x 20	20	20	0	9	0	12						
138	Majipara, Tatulia & MW Solar PP (Sympa P	Solar	(IPP)	1 x 8	8	8	6.3	0	8	0						
Rangpur Zone Total					685	605	269	272	248	275	170	0				
Sub-total: Plants in operation					20383	19892	10082.6	11962	13409	14918	1248	1853				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9724	11536	12931	14387						
(B) Contract expired power plants																
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0	0					
Gross Total					20383	19892	10083	11962	13409	14918	1248	1853				
(C) Actual data of 16.07.20 (Yesterday) Thursday :																
01.	Max. Demand (Generation end)	:	11962.00	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)	:	11536.00	MW	at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	12054.00	MW	at =	23:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	:	8960.00	MW	at =	8:00 hrs	Dhaka	3872	3872	0	Mymensingh	1003	1003	0		
05.	Day-peak Generation (Generation end)	:	10082.60	MW	at =	12:00 hrs	Chattogram	1094	1094	0	Sylhet	500	500	0		
06.	Evening-peak Generation (Generation end)	:	11962.00	MW	at =	21:00 hrs	Khulna	1509	1509	0	Barishal	326	326	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at =	21:00 hrs P	Rajshahi	1316	1316	0	Rangpur	782	782	0		
08.	Actual Minimum Generation up to 8:00 hrs.	:	8316.60	MW	at =	7:00 hrs am	Cumilla	1134	1134	0						
09.	Generation shortfall at evening peak due to :															
	a) Gas limitation	:	993	MW			13.	Fuel cost :	(a) Gas = 158168920	Taka	(c) Coal = 74143878	Taka				
	d) Coal supply Limitation	:	170	MW					(b) Oil = 545964985	Taka	Total = 778277783	Taka				
	b) Low water level in Kaptai lake	:	85	MW												
	c) Plants under shut down/ maintenance	:	1853	MW			14.	Maximum Temperature in Dhaka was : 34.2° C								
10.	Total Energy (Generation + India Import)						:	251.32	MKWh	15.	Export through East-West interconnections :					
	By Gas = 136.898		MKWH		By Oil = 69.650		MKWh		At evening peak-hour :							
	By Coal = 16.027		MKWH		By Hydro = 3.391		MKWh		Maximum : -10 MW, at 21:00 hrs PM							
	By Solar = 0.193		MKWH						Energy : -110 MW, at 20:00 hrs							
11.	Total Gas Supplied						:	1117.65	MMCFD							
(D) Forecast of 17.07.20 (Today) Friday :																
01.	Maximum Demand	:	11000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)					
02.	Maximum Generation	:	14918	MW	(Generation end)	05.	Total Generation	:	229.35	MKWh						
03.	Maximum Shortage	:	-3918	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.2° C							

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00
* Captive Power ** Imported Power

(Faouzi Islam Shaker)
Deputy Secretary, Generation