



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2020				Day : Monday				Date : 06.07.20				
Probable Maximum Demand : 11900 MW				Probable Maximum Generation : 15275 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 83.47 ft				Today = 83.41 ft				
								Rule Curve = 84.80 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.07.20 (Yesterday)		06.07.20 (Today)		05.07.20 (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)		
(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	0	0	0	0		180	STG Commissioning
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.
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	94	97	100	104			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	50	66	66	66		12	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	351	353	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	420	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	327	338	412	412			
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0		210	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	328	300	320	325			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	73	82	82	82			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	140	150	150			
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	97	96	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	41	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	85	0	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	93	93	93			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	53	54	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	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	34	0	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	133	100	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	265	286	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	112	129	149	149			
31	Keraniganj 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	62	0	80	100			
34	Nababganj 55 MW PP (Southern pr)	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 (OPCL)	HFO (IPP)	6x18.5	104	104	0	0	0	0			
Dhaka Zone Total				6119	5895	3230	3325	3944	4287	347	705	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	108	109	107	109		121	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	100	100			
	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	4.1	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	25	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	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	308	300	300			
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	80	100			
49	Juldah 100 MW PP Unit-3 (Acorn)	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	18	18	18			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	16	10	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	11	0	80	100			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	30	0	10	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	909.1	1016	1405	1538	121	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	100	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	20	37	37	37			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	182	192	215	215			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	255	290	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	320	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	10	10	10	10			
63	Ashuganj 193MW PP (AP-SCL-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	43	43	43	43			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	40	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	84	90	90	90			
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	21	21	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	10	11			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	32	32			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	21	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	89x1.4+40x1.515+15x1.056	200	200	0	0	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	17	70	113	113			
**	Impoprt (Tripura)	India		160	160	126	154	154	173			
Cumilla Zone Total				3040	2980	1156	1412	2091	2361	269	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	153	126	150	150			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	95	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	109	115	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	80	180	170	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.9	0	1.6	0			
Mymensingh Zone Total				645	637	390.9	538	553.6	582	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.07.20 (Yesterday)		06.07.20 (Today)		05.07.20 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	91	91	91	91				
84	Fenchugonj CAPP 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	47	48	44	44				
87	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	40	61	66				
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	302	309	330	330				
91	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	73	76	75	76				
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	0	151	100	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	8	9	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	25				
97	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	310	341	341				
98	Bibiyana-III 400 MW CAPP	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	1184	1294	1349	1406	0	460		
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	350	410	410				
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
104	Khulna 115 MW PP (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	98	60	100				
106	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	0	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	105				
**	Bheramara (HVDC)	India		1000	1000	917	930	951	951				
Khulna Zone Total				2288	2284	1311	1548	1781	2157	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	80	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	36	33	33				
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	68	68	68	68		126	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	76	78	78	78				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	360	588	600	660				
Barishal Zone Total				1054	1054	523	880	859	949	0	126		
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	65	60	60	60	11		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	0	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 PP	HFO (PDB)	12x8.924	104	104	0	100	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	43	45				
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	34	0	35				
123	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	182	155	200	200				
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	170	166	210	210				
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	376	411	410	410				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	9	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	0	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	831	1131	1509	1722	321	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	35	113	90	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	8	0	10				
138	Majipara, Tatulia 8 MW Solar PP (Sympa F)	Solar (IPP)	1 x 8	8	8	7.9	0	8	0				
Rangpur Zone Total				685	605	192	271	248	273	170	0		
Sub-total: Plants in operation				20383	19892	9726.9	11415	13740	15275	1228	1696		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9433	11070	13324	14813				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	9727	11415	13740	15275	1228	1696		
(C) Actual data of 05.07.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end) : 11415.00 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) : 11070.00 MW, at = 21:00 hrs P					Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end) : 11527.00 MW, at = 22:00 hrs						MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end) : 8580.90 MW, at = 8:00 hrs					Dhaka	3745	3745	0	Mymensingh	979	979	0
05.	Day-peak Generation (Generation end) : 9726.90 MW, at = 12:00 hrs					Chattogram	1066	1066	0	Sylhet	462	462	0
06.	Evening-peak Generation (Generation end) : 11415.00 MW, at = 21:00 hrs P					Khulna	1422	1422	0	Barishal	320	320	0
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 21:00 hrs P					Rajshahi	1245	1245	0	Rangpur	777	777	0
08.	Actual Minimum Generation up to 8:00 hrs. : 8405.20 MW, at = 7:00 hrs am					Cumilla	1054	1054	0				
09.	Generation shortfall at evening peak due to :									Total	11070	11070	0
	a) Gas limitation : 937 MW					13.	Fuel cost :	(a) Gas = 165903189 Taka		(c) Coal = 61687697 Taka			
	d) Coal supply Limitation : 170 MW							(b) Oil = 466547309 Taka		Total = 694138195 Taka			
	b) Low water level in Kaptai lake : 121 MW												
	c) Plants under shut down/ maintenance : 1696 MW												
10.	Total Energy (Generation + India Import) : 244.19 MKWh					14. Maximum Temperature in Dhaka was : 31.4° C							
	By Gas = 144.212 MKWH					15. Export through East-West interconnections :							
	By Coal = 13.190 MKWH					At evening peak-hour : -80 MW, at 21:00 hrs PM							
	By Solar = 0.105 MKWH					Maximum : -423 MW, at 1:00 hrs							
						Energy : 2.2185 MKWh							
11.	Total Gas Supplied : 1163.73 MMCFD												
(D) Forecast of 06.07.20 (Today) Monday :													
01.	Maximum Demand : 11900 MW (Generation end)					04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation : 15275 MW (Generation end)					05. Total Generation : 252.09 MKWh							
03.	Maximum Shortage : -3375 MW (Generation end)					06. Probable Max. Temperature in Dhaka : 34.2° C							

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation