



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2020				Day : Sunday				Date : 05.07.20				
Probable Maximum Demand : 12000 MW				Probable Maximum Generation : 15149 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 83.50 ft				Today = 83.47 ft				
				Rule Curve = 84.64 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.07.20 (Yesterday)		05.07.20 (Today)		04.07.20 (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	85	99	100	104			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	64	67	66	66	11		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	343	352	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	340	400	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	324	327	412	412			
11	Siddhirgonj 2*120 MW GTPP	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	300	330	320	325			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	74	100	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	140	150	150			
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	96	95	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	26	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	100	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	90	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	54	55	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	51	35	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	105	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	149	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	286	282	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	111	112	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	0	0	80	100			
34	Nababganj 55 MW PP (Southern pr)	HFO (IPP)	3x19.3	55	55	15	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			
	Meghnaghat 104 MW PP (OPCL)	HFO (IPP)				0	0	0	0			
Dhaka Zone Total				6015	5791	2925	3463	3962	4305	346	705	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	105	105	107	107	125		Low Water Level
38	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.
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	6.1	0	5	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	5.5	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	51	100	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	104	150	150			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	Under maint.
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	305	288	300	300			
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	80	100			
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	78	100	102			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	35	35	35			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	17	98	80	100			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	54	10	54			
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
55	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	887.6	1196	1434	1555	125	405	
56	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
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	38	40	41	41			
58	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	211	192	215	215			
59	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	285	290	360	360			
60	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	325	360	360			
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	30	30	50	50			
62	Ashuganj 195MW PP (AP-SCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8			
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43			
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	113	145	150	150			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	40	0	50			
66	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90			
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200			
68	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	20	22	22			
69	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	10	11	10	11			
70	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	25	25			
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	43	52	52			
72	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21			
73	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	89x1.4+40x1.515+15x1.056	200	200	0	0	0	200			
74	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	114	114	114			
75	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	101	105	113	113			
**	Impoprt (Tripura)	India		160	160	138	168	154	173			
Cumilla Zone Total				3040	2980	1556	1790	2128	2398	269	0	
76	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	155	140	160	160			
77	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	95	24	24			
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115			
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	160	180	170	200			
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	1.6	0			
Mymensingh Zone Total				645	637	477.8	552	492.6	521	0	0	

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					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)				
82	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	91	91	91	91					
83	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.		
84	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	41	49	51	51					
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	48	48	48					
86	Kushiara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	130	163	163					
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	61	61	66					
89	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	310	308	330	330					
90	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	73	74	80	80					
91	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0					
92	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18					
93	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	23	24	25					
96	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	341	341					
97	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	1118	1153	1258	1264	0	460			
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16					
99	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	350	410	410					
100	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	15	0	30					
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	8	0	60					
102	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225					
103	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	115	0	107	115	115					
104	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	60	100					
105	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	40	40	40					
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	105	105	105					
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	105	100	105					
**	Bheramara (HVDC)	India		1000	1000	717	911	724	921					
Khulna Zone Total				2288	2284	1094	1741	1554	2127	0	0			
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	80	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	34	30	33					
110	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	88	0	88	89		194	GT-2 Under maint.		
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	81	81	81					
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	545	0	600	660					
Barishal Zone Total				1054	1054	734	225	879	973	0	194			
113	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	65	70	70	70	1		Gas Shortage		
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage		
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50					
115	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	38	0	40					
117	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0					
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	100	100	100					
119	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	43	45					
120	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	24	50	50					
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	31	0	35					
122	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
123	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	147	189	200	200					
124	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	165	187	210	210					
125	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	404	413	410	410					
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22					
127	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	11	11					
128	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	10	11	11	11					
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	43	43					
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	70	113					
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	111	70	113					
Rajshahi Zone Total				2193	2183	820	1351	1510	1723	311	0			
132	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		
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	149	150	150					
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	32	113	90	113					
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	10	0	20					
137	Majipara, Tatulia 8 MW Solar PP (Sympa F)	Solar (IPP)	1 x 8	8	8	2.5	0	8	0					
Rangpur Zone Total				685	605	184	272	248	283	170	0			
Sub-total: Plants in operation				20279	19788	9795.9	11743	13466	15149	1221	1764			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9339	11195	12837	14442					
(B) Contract expired power plants														
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0					
Gross Total				20279	19788	9796	11743	13466	15149	1221	1764			
(C) Actual data of 04.07.20 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	:	11743.00	MW,	at =	21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11195.00	MW,	at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11766.00	MW,	at =	22:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8889.00	MW,	at =	8:00 hrs	Dhaka	3864	3864	0	Myensingh	965	965	0
05.	Day-peak Generation (Generation end)	:	9795.90	MW,	at =	12:00 hrs	Chattogram	1053	1053	0	Sylhet	477	477	0
06.	Evening-peak Generation (Generation end)	:	11743.00	MW,	at =	21:00 hrs	Khulna	1401	1401	0	Barishal	310	310	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs	Rajshahi	1293	1293	0	Rangpur	738	738	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8580.90	MW,	at =	7:00 hrs am	Cumilla	1094	1094	0				
09.	Generation shortfall at evening peak due to :	:								Total	11195	11195	0	
	a) Gas limitation	:	926	MW				13. Fuel cost :	(a) Gas =	165348855	Taka	(c) Coal =	56549978	Taka
	d) Coal supply Limitation	:	170	MW					(b) Oil =	485937892	Taka	Total =	707836725	Taka
	b) Low water level in Kaptai lake	:	125	MW										
	c) Plants under shut down/ maintenance	:	1764	MW										
10.	Total Energy (Generation + India Import)	:	244.84	MKWh				14.	Maximum Temperature in Dhaka was : 33.6° C					
	By Gas =	144.261	MKWh	By Oil =	61.653	MKWh	15.	Export through East-West interconnections :						
	By Coal =	12.024	MKWh	By Hydro =	2.441	MKWh		At evening peak-hour : -425 MW, at 21:00 hrs PM						
	By Solar =	0.178	MKWh					Maximum : -473 MW, at 17:00 hrs						
11.	Total Gas Supplied	:	1150.65	MMCFD					Energy : 1.7645 MKWh					
(D) Forecast of 05.07.20 (Today) Sunday :														
01.	Maximum Demand	:	12000	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	15149	MW	(Generation end)	05.	Total Generation : 249.71 MKWh							
03.	Maximum Shortage	:	-3149	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 33.1° C							

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

(Fazul Islam Shaker)
Deputy Secretary, Generation