



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2020		Day : Friday				Date : 24.07.20						
Probable Maximum Demand :		10800 MW		Probable Maximum Generation :		14572 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 88.26 ft		Today = 89.66 ft		Rule Curve = 87.68 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.07.20 (Yesterday)		24.07.20 (Today)		23.07.20 (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	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	0	0	0	0		190	Under maint.
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	120	120	120	120			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	92	93	93	93			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	67	67	70	70			Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Gas Shortage
6	Harijpur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0		20	Gas Shortage
7	Harijpur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	348	322	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	400	450	450			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling
10	Harijpur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	326	325	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	0	185	250	250		150	Under maint.
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	140	143	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	96	95	102	102			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	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	93	100	100			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	53	54	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
23	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	48	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	133	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	53	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	300	285	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	127	135	133	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	45	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	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	109	72	104	104			
Dhaka Zone Total				6119	5895	2589	3114	3655	3956	346	857	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	150	147	147	147		83	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	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	7	1.4	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	7.9	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	29	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	0	0	0	0		150	Under maint.
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	290	306	300	300			
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	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	34	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	21	20	20			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	37	10	30			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	85	98	100	100			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	35	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	885.3	1041	1372	1433	83	555	
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	100	100	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	42	42	46	46			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	184	209	216	216			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	280	260	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	310	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	45	10	55	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	35	43	43	43			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	115	140	150	150			
66	Titans 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	32	0	42			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	95	96	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	0	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	24	43	43	43			
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)	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	114	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	118	138	160	173			
Cumilla Zone Total				3040	2980	1509	1778	2150	2405	269	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	154	156	160	160			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	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	80	107	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	100	200	170	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	1.6	0			
Mymensing Zone Total				645	637	380.1	580	563.6	592	0	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.07.20 (Yesterday)		24.07.20 (Today)		23.07.20 (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 CCGP Phase-1	Gas	(PDB)	2x32+1x33	97	70	43	43	44	44				
84	Fenchugonj CCGP Phase-2	Gas	(PDB)	2x35+1x35	104	90	20	30	30	30		60	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatull)	Gas	(RPP)	19x2.90	51	51	50	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	47	46	50	50				
87	Kushiara 163 MW CCGP (KP)	Gas	(IPP)	1x109+1x54	163	163	163	130	163	163				
88	Hobiganj 11MW PP Cofidence-E	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas	(PDB)	2x35	70	66	61	61	61	66				
90	Shahjibazar 330 MW CCGP	Gas	(PDB)	2x110+2x110	330	330	162	108	163	163				
91	Shahjibazar 86MW PP (Shahjibaza)	Gas	(RPP)	32x2.90	86	86	82	83	80	80				
92	Sylhet 225 MW CCGP	Gas	(PDB)	1x142+1x89	231	231	80	150	151	151				
93	Sylhet 20 MW GTPP	Gas	(PDB)	1 x 20	20	20	0	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	8	24	25				
97	Bibiana-II 341 MW CCGP (Summit)	Gas	(IPP)	1x222+1x119	341	341	290	290	341	341				
98	Bibiyana-III 400 MW CCGP	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	1024	1041	1197	1203	0	460		
99	Bheramara GTPP Unit- 3	HSD	(PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCGP	Gas	(NWPGL)	1 x 278+1 x 132	410	410	360	330	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 CCGP	HSD	(NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
104	Khulna 115 PP MW (KPCL-2)	HFO	(QRPP)	7x17	115	115	66	117	115	115				
105	Noapara 100 MW PP (Bangla Trac)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	49	60	100				
106	Noapara 40 MW PP (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	0	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha)	HFO	(IPP)	6x18.445	105	105	0	90	105	105				
108	Madhumati 100 MW PP	HFO	(NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India			1000	1000	923	923	934	934				
	Khulna Zone Total				2288	2284	1349	1549	1764	2135	0	0		
109	Barisal 110 MW PP (Summit)	HFO	(IPP)	7 x 17.076	110	110	0	96	110	110				
110	Bhola 33 MW PP (Venture)	Gas	(RPP)	1x34.50	33	33	24	38	33	33				
111	Bhola 225 MW CCGP	Gas	(PDB)	2x63+1x68	194	194	89	89	89	89		105	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas	(QRPP)	1.1x96	95	95	77	76	78	79				
113	Payra 1320 MW Unit-1	Coal	(BCPCL)	1x622	622	622	412	550	600	600				
	Barishal Zone Total				1054	1054	602	849	910	911	0	105		
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	37	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	100	100	100				
120	Katakhal 50 MW Peaking PP	HFO	(PDB)	6x8.7	50	50	0	45	0	45				
121	Katakhal 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	33	0	35				
123	Sirajgonj 225MW CCGP Unit-1	Gas	(NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCGP Unit-2	Gas	(NWPGL)	1x150 + 1x75	220	220	164	190	200	200				
125	Sirajgonj 225MW CCGP Unit-3	Gas	(NWPGL)	1x141+1x79	220	220	171	176	210	210				
126	Sirajgonj 400 MW CCGP Unit-4	Gas	(IPP)	1x282+1x132	414	414	392	409	410	410				
127	Bogra 22 MW PP (GBB)	Gas	(RPP)	6x4.0	22	22	21	22	22	22				
128	Bogura 20 MW PP (Energyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	9	12	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	109	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO	(IPP)	6x18.55	113	113	0	111	113	113				
	Rajshahi Zone Total				2193	2183	874	1357	1492	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	104	111	113	113				
137	Saidpur 20 MW GTPP	HSD	(PDB)	1 x 20	20	20	0	10	0	12				
138	Majipara, Tatulia & MW Solar PP (Sympa P)	Solar	(IPP)	1 x 8	8	8	7.8	0	8	0				
	Rangpur Zone Total				685	605	262	271	271	275	170	0		
	Sub-total: Plants in operation				20383	19892	9474.2	11580	13375	14572	1249	1977		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9044	11054	12767	13910				
	(B) Contract expired power plants													
	Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
	Gross Total				20383	19892	9474	11580	13375	14572	1249	1977		
	(C) Actual data of 23.07.20 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)						11580.00	MW, at = 21:00 hrs P						
02.	Max. Demand (Sub-station end)						11054.00	MW, at = 21:00 hrs P						
03.	Highest Generation (Generation end)						11580.00	MW, at = 21:00 hrs						
04.	Minimum Generation (Generation end)						8300.80	MW, at = 7:00 hrs						
05.	Day-peak Generation (Generation end)						9474.20	MW, at = 12:00 hrs						
06.	Evening-peak Generation (Generation end)						11580.00	MW, at = 21:00 hrs						
07.	Evening Peak Load-shed (Sub-station end)						0.00	MW, at = 21:00 hrs P						
08.	Actual Minimum Generation up to 8:00 hrs.						7724.10	MW, at = 7:00 hrs am						
09.	Generation shortfall at evening peak due to :													
	a) Gas limitation						996	MW						
	d) Coal supply Limitation						170	MW						
	b) Low water level in Kaptai lake						83	MW						
	c) Plants under shut down/ maintenance						1977	MW						
10.	Total Energy (Generation + India Import)						236.82	MKWh						
	By Gas =						132.541	MKWH						
	By Coal =						15.262	MKWH						
	By Solar =						0.078	MKWH						
11.	Total Gas Supplied						1082.95	MMCFD						
12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :													
	Zone						Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
	Dhaka						3814	3814	0	Mymensingh	900	900	0	
	Chattogram						1072	1072	0	Sylhet	477	477	0	
	Khulna						1443	1443	0	Barishal	325	325	0	
	Rajshahi						1218	1218	0	Rangpur	752	752	0	
	Cumilla						1053	1053	0					
	Total									11054	11054	0		
	13. Fuel cost :						(a) Gas = 151467049 Taka	(c) Coal = 70765482 Taka						
							(b) Oil = 449875733 Taka	Total = 672108264 Taka						
	14. Maximum Temperature in Dhaka was :						32.5° C							
	15. Export through East-West interconnections :													
	At evening peak-hour						62	MW, at 21:00 hrs PM						
	Maximum						24	MW, at 2:00 hrs						
	Energy						0.012	MKWh						
	11. Total Gas Supplied						1082.95	MMCFD						
	(D) Forecast of 24.07.20 (Today) Friday :													
01.	Maximum Demand						10800	MW (Generation end)						
02.	Maximum Generation						14572	MW (Generation end)						
03.	Maximum Shortage						-3772	MW (Generation end)						
04.	Maximum Load-shed						0	MW At evening peak (Sub-station end)						
05.	Total Generation						220.87	MKWh						
06.	Probable Max. Temperature in Dhaka :						32.5° C							

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation