



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551039

Month June, 2020		Day: Wednesday				Date: 10.06.20							
Probable Maximum Demand :		12200 MW		Probable Maximum Generation :		15223 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 81.93 ft		Today = 81.81 ft		Rule Curve = 78.34 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.06.20 (Yesterday)		10.06.20 (Today)		Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Day	Evening					
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35				
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		50	Unit 2 under maint.	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	150	100	0	0		170	Under maint.	
	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	220	220	280	360				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	94	99	100	108				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0		78	Gas Shortage	
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Gas Shortage	
6	Hairpur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0		20	Gas Shortage	
7	Hairpur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	347	349	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	450	450	450				
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling	
10	Hairpur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	340	353	412	412				
11	Siddhirgonj 2120 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	130	200	220	220				
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	50	88	100	100				
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	130	130	150	300				
15	Meghnaghat 100 MW(LEL)	HFO (QRPP)	12x8.9	100	100	92	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	79	88	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	50	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	50	50	100	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	84	100	102				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
21	Summit Power, (Madhaba+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	53	53	50	50				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
23	Ruggan 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	41	51	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	88	88	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	133	100	149				
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	49	48	48				
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	190	265	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	132	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300				
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100				
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	50	100				
34	Nabaganj 55 MW PP (Southern pt)	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				
Dhaka Zone Total				6015	5791	3047	3448	3813	4402	413	525		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	118	107	111	111	123		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	90	90				
	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	5.1	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25				
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	19.1	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	18	25	50	50				
43	Sikalbaha 105 MW PP (Baraka Sku)	HFO (IPP)	6x18.415	105	105	0	17	100	100				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	140	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	Amwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	285	290	300	300				
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	50	100				
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	90	70	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	100	100				
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	20	20	22	22				
	* Malancha, Ctg.EP2 (United)	Gas	5x8.73+3x9.34			3	37	10	25				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	81	50	100				
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	10	54				
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110				
55	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	90	100	100	100				
Chattogram Zone Total				2326	2266	877.2	1104	1343	1537	123	405		
56	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0		135	Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0		129	Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	80	80	100	100		54	Gas Shortage	
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	5	15	0	15				
58	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1x75	221	221	177	154	0	150				
59	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	270	280	360	360				
60	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	300	335	360	360				
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	5	0	20				
62	Ashuganj 195MW PP (APSCCL-1x195)	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	132	132	150	150				
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
66	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	85	90	90	90				
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	17	100	200				
68	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	13	22	22				
69	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
70	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52				
72	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	20	20				
73	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+0x1.515+1x1.05	200	200	0	0	0	200				
74	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	17	114	114				
75	Chowmuhani 113 MW Import (Tripura)	HFO (IPP)	12'9.78+2'3.1	113	113	55	102	113	113				
	**	India		160	160	144	162	154	173				
Cumilla Zone Total				3040	2980	1380	1586	1730	2284	318	0		
76	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	111	113	130	130				
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	2	95	50	95				
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	149	200	170	200				
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0				
Mymensingh Zone Total													

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.06.20 (Yesterday)		10.06.20 (Today)		09.06.20 (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)			
82	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	58	57	60	60				
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 (Barakattul)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	49	44	44				
86	Kushiara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163				
87	Hobiganj 11MW PP Confidence-E	Gas (SI PP, REB)	4x2.90	11	11	11	11	11	11				
88	Shahjibazar GTTP Unit 8 & 9	Gas (PDB)	2x35	70	66	59	29	30	30				
89	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	240	246	250	251				
90	Shahjibazar 96MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	74	76	75	75				
91	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	130	150	150	150				
92	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	17	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 (CI PP, REB)	3x9.34	25	25	23	24	24	24				
96	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	285	300	341	341				
97	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	1141	1212	1257	1258	0	460		
98	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	45				
99	Bheramara 410 MW CAPP	Gas (NWP GCL)	1 x 278+1 x 132	410	410	330	330	410	410				
100	Fairdipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	6	0	70				
102	Khulna 225 MW CAPP	HSD (NWP GCL)	1 x 150+1x75	230	230	0	0	0	225				
103	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	66	115	115	115				
104	Noepara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	73	50	100				
105	Noepara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	33	40	40	40				
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	53	50	105				
107	Madhumati 100 MW PP	HFO (NWP GCL)	6x18.415	105	105	0	15	100	105				
**	Bheramara (HVDC)	India		1000	1000	936	930	942	942				
	Khulna Zone Total			2288	2284	1365	1562	1707	2192	0	0		
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	28	110	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	30	30	33				
110	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	89	89	90	90		105	GT-2 Under maint.	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	73	74	95	95				
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	607	656	660	660				
	Barishal Zone Total			1054	1054	817	959	925	988	0	105		
113	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTTP	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	0	0	34				
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	0	0	70				
117	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
118	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	50	50	100				
119	Katakahi 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	14	46	46				
120	Katakahi 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	16	42	42				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	0	34				
122	Sirajgonj 225MW CAPP Unit-1	Gas (NWP GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
123	Sirajgonj 225MW CAPP Unit-2	Gas (NWP GCL)	1x150+1x75	220	220	183	202	200	200				
124	Sirajgonj 225MW CAPP Unit-3	Gas (NWP GCL)	1x141+1x79	220	220	184	192	210	210				
125	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	374	408	410	410				
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	20	20	20				
127	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	9	11	11				
128	Ullapara 11 MW PP (Summit)	Gas (SI PP, REB)	4x2.90	11	11	11	11	11	11				
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43	43	43				
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	50	113				
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	109	50	113				
	Rajshahi Zone Total			2193	2183	932	1256	1383	1697	381	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	150	149	150	150				
134	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	48	113	50	113				
136	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
137	Majpara, Tatulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.9	0	8	0				
	Rangpur Zone Total			685	605	206	262	208	303	170	0		
	Sub-total: Plants in operation			20279	19788	10166.5	11934	12855	15223	1405	1495		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
						9643	11320	12193	14440				
(B) Contract expired power plants													
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20279	19788	10167	11934	12855	15223	1405	1495		
(C) Actual data of 09.06.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)			11934.00	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)			11320.00	MW, at = 21:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)			11934.00	MW, at = 21:00 hrs								
04.	Minimum Generation (Generation end)			8770.00	MW, at = 7:00 hrs	Dhaka	3752	3752	0	Mymensingh	993	993	0
05.	Day-peak Generation (Generation end)			10166.50	MW, at = 12:00 hrs	Chattogram	1018	1018	0	Sylhet	504	504	0
06.	Evening-peak Generation (Generation end)			11934.00	MW, at = 21:00 hrs	Khulna	1481	1481	0	Barishal	345	345	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 21:00 hrs P	Rajshahi	1302	1302	0	Rangpur	784	784	0
08.	Actual Minimum Generation up to 8:00 hrs.			8519.20	MW, at = 5:00 hrs am	Cumilla	1141	1141	0				
09.	Generation shortfall at evening peak due to :									Total	11320	11320	0
	a) Gas limitation			1112	MW								
	d) Coal supply Limitation			170	MW	13.	Fuel cost :	(a) Gas = 158917160 Taka	(c) Coal = 83618284 Taka				
	b) Low water level in Kaptai lake			123	MW			(b) Oil = 500284187 Taka	Total = 743019631 Taka				
	c) Plants under shut down/ maintenance			1495	MW	14.	Maximum Temperature in Dhaka was :	36.5° C					
10.	Total Energy (Generation + India Import)			248.10	MKWWh	15.	Export through East-West interconnections :						
	By Gas = 138.037				MKWWh		At evening peak-hour	-149	MW, at 21:00 hrs PM				
	By Coal = 18.235				MKWWh		Maximum	-198	MW, at 20:00 hrs				
	By Solar = 0.220				MKWWh		Energy	1.2355	MKWWh				
11.	Total Gas Supplied			1145.62	MMCFD								
(D) Forecast of 10.06.20 (Today) Wednesday :													
01.	Maximum Demand			12200	MW (Generation end)	04.	Maximum Load-shed	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation			15223	MW (Generation end)	05.	Total Generation	253.63	MKWWh				
03.	Maximum Shortage			-3023	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	37.0° C					

* Captive Power ** Imported Power

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

(Faouzi Islem Shaker)
Deputy Secretary, Generation