



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9554567, 9551995

Month June, 2020				Day : Tuesday				Date : 16.06.20				
Probable Maximum Demand : 11800 MW				Probable Maximum Generation : 14817 MW				Rule Curve = 79.95 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 82.50 ft Today = 82.60 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.06.20 (Yesterday)		16.06.20 (Today)		15.06.20 (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	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 21/06/2020
	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	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	95	101	100	100			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	65	68	78	78	10		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	337	334	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	330	450	450			
9	210 MW Siddhirganj 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	0	0	0	0		412	Under Maint. 26/06/2020
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	213	130	220	220			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	91	91	91	91			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	270	275	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	79	87	100	100			
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	93	93			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	22	22			
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x7.73	80	80	55	55	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	25	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	34	34	34			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	36	88	88	88			
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	48	48	51			
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	285	291	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	115	95	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurabai 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	80	100			
34	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	0	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
36	Bosila 108MW PP(ELC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
Dhaka Zone Total				6015	5791	2829	3094	3643	3965	345	1117	
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	59	64	62	64	166		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	6.4	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	19.2	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	12	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	147	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	307	307	300	300			
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	80	100			
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
49	Dohazari -Kalaish 100 MW Peakin	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 (SIIP, PDB)	8x2.90	22	22	21	21	22	22			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			5	37	10	35			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	97	80	100			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	10	54			
54	Karnaphuli 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	860.6	1191	1354	1500	166	405	
56	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	80	100	135		Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129		Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	135	0	0			
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	33	38	38	38			
58	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	191	182	215	215			
59	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	250	275	360	360			
60	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	265	230	360	360			
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
62	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	16	16	16	16			
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	70	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	90	80	90	90			
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	100	200			
68	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	21	20	22	22			
69	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	8	8	8			
70	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	30	0	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 (SIIP, REB)	3x3.67+2x6.97	25	25	15	21	20	21			
73	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+8x1.5+15x1.05	200	200	0	0	200	200			
74	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	39	114	114			
75	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	85	104	113	113			
**	Impoport (Tripura)	India		160	160	130	166	154	173			
Cumilla Zone Total				3040	2980	1394	1484	2173	2363	264	0	
76	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	135	138	150	150			
77	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	22	22	22			
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	21	64	60	95			
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115			
80	Mymensingh 200 MW PP (Limited)	HFO (IPP)	21x9.780	200	200	45	194	170	200			
81	Sarihashani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.6	0	1.6	0			
Mymensingh Zone Total				645	637	336.6	533	518.6	582	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.06.20 (Yesterday)		16.06.20 (Today)		15.06.20 (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	Probable start-up date
82	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	86	90	90	90				
83	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.	
84	Fenchugonj 51 MW PP (Barakatalui	Gas (RPP)		51	51	53	50	51	51				
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	50	44	44				
86	Kushira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	110	163	163				
87	Hobiganj 11MW PP Confidence-E	Gas (SIIP, 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	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	244	240	275	275				
90	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	80	79	77	80				
91	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	80	100	150	150				
92	Sylhet 20 MW GTPP	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	0	10	10	10				
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	16	16	16				
96	Bibiana-II 341 MW CCPP (Summit	Gas (IPP)	1x222+1x119	341	341	300	280	341	341				
97	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiyan South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total				2033	1988	1180	1144	1337	1345	0	460		
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
99	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	330	345	410	410				
100	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	25				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
102	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
103	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	115	115	115				
104	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	84	60	85				
105	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
106	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	70	105	105				
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	105				
**	Bheramara (HVDC)	India		1000	1000	944	945	954	954				
Khulna Zone Total				2288	2284	1306	1614	1784	2140	0	0		
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	110	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	32	30	33				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	69	67	68	68		127	GT-2 Under maint.	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	79	78	78	78				
112	Payra 1320 MW Unit-1	Coal (BCPL)	1x622	622	622	582	600	660	660				
Barishal Zone Total				1054	1054	765	887	886	949	0	127		
113	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	55	0	0	16		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	43	0	50				
115	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	0	200	200				
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	39	0	40				
117	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	40	40	40	40				
118	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	98	50	100				
119	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36	43	43				
120	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	0	35				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	156	154	200	200				
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	160	182	210	210				
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	391	394	410	410				
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	21	20	21				
127	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	11	11				
128	Ullapara 11 MW PP (Summit)	Gas (SIIP, 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	70	113				
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	70	113				
Rajshahi Zone Total				2193	2183	968	1431	1428	1690	326	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 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	37	107	70	113				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
137	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	7.8	0	8	0				
Rangpur Zone Total				685	605	195	256	228	283	170	0		
Sub-total: Plants in operation				20279	19788	9834.0	11634	13352	14817	1271	2109		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9419	11143	12788	14192				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20279	19788	9834	11634	13352	14817	1271	2109		
(C) Actual data of 15.06.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	11634.00	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)	:	11143.00	MW, at = 21:00 hrs P		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11634.00	MW, at = 21:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8441.10	MW, at = 7:00 hrs		Dhaka	3773	3773	0	Mymensingh	988	988	0
05.	Day-peak Generation (Generation end)	:	9834.00	MW, at = 12:00 hrs		Chattogram	1034	1034	0	Sylhet	446	446	0
06.	Evening-peak Generation (Generation end)	:	11634.00	MW, at = 21:00 hrs		Khulna	1487	1487	0	Barishal	325	325	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1251	1251	0	Rangpur	738	738	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8543.40	MW, at = 5:00 hrs an		Cumilla	1101	1101	0				
09.	Generation shortfall at evening peak due to :	:								Total	11143	11143	0
	a) Gas limitation	:	935	MW		13.	Fuel cost :	(a) Gas = 156141182 Taka	(c) Coal = 81990546 Taka				
	d) Coal supply Limitation	:	170	MW				(b) Oil = 461104365 Taka	Total = 699236093 Taka				
	b) Low water level in Kaptai lake	:	166	MW									
	c) Plants under shut down/ maintenance	:	2109	MW		14.	Maximum Temperature in Dhaka was :	34° C					
10.	Total Energy (Generation + India Import)	:	241.17	MKWh	15.	Export through East-West interconnections :							
	By Gas = 132.843 MKWh			By Oil = 62.375 MKWh			At evening peak-hour	:	104	MW, at	21:00 hrs PM		
	By Coal = 17.821 MKWh			By Hydro = 1.841 MKWh			Maximum	:	87	MW, at	3:00 hrs		
	By Solar= 0.195 MKWh						Energy	:	0	MKWh			
11.	Total Gas Supplied	:	1136.32	MMCFD									
(D) Forecast of 16.06.20 (Today) Tuesday :													
01.	Maximum Demand	:	11800	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14817	MW (Generation end)	05.	Total Generation : 244.61 MKWh							
03.	Maximum Shortage	:	-3017	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 32° C							
* Captive Power ** Imported Power													
												(Fazoul Islam Shaker)	PP
												Deputy Secretary, Generation	