



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month June, 2020				Day : Friday				Date : 19.06.20			
Probable Maximum Demand : 10000 MW				Probable Maximum Generation : 15071 MW				Rule Curve = 80.76 ft			
Water Level of Kaptai Lake at 06:00 AM				Today = 83.38 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.06.20 (Yesterday)		19.06.20 (Today)		18.06.20 (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)	
(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	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	93	96	100	100		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	67	30	78	78	48	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	302	333	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	400	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.
11	Siddhirganj 2*120 MW GTPP	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	170	200	220	220		
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	83	91	91	91		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	230	275	305	305		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	55	83	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	60	97	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	40	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	0	102	93	93		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	21	0	22	22		
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	51	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	0	34	34		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	35	88	88		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	100	149		
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	48	51		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	194	286	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	96	114	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300		
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100		
33	Aurahat 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	17	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	2300	2763	3643	3965	383	1117
37	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	98	99	100	100	131	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	100	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	3.7	0	5	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	2.5	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	11	12	50	50		
43	Sikalbaha 105 MW PP (Baraka Si)	HFO (IPP)	6x18.415	105	105	0	0	100	100		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	139	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	159	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	40	50	100	100		
49	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	34	100	100		
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	6	0	0	0		
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22		
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			7	38	35	35		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	12	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	100	100	100	100		
Chattogram Zone Total				2326	2266	677.2	912	1427	1546	131	405
56	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	75	90	80	100	45	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	0	0	0	0	134	Gas Shortage
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	38	38	38	38		
58	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	185	198	215	215		
59	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	250	295	360	360		
60	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x360	360	360	310	325	360	360		
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	30	30	30	30		
62	Ashuganj 150MW PP (APSCCL- Lakdanavi)	Gas (IPP)	20*9.73+1*16	195	195	8	8	195	195		
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	0	80	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	91	90	90		
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	100	200		
68	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22		
69	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	8	8	8		
70	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	32	33	33		
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52		
72	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	21	20	21		
73	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+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	0	114	114		
75	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	18	105	113	113		
**	Import (Tripura)	India		160	160	96	140	154	173		
Cumilla Zone Total				3040	2980	1204	1525	2377	2567	308	0
76	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	140	134	150	150		
77	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
78	Jamulpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	8	60	95		
79	Jamulpur 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	8	187	170	200		
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.5	0	1.6	0		
Mymensingh Zone Total				645	637	285.5	466	518.6	582	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	18.06.20 (Yesterday)		19.06.20 (Today)		18.06.20 (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 CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	59	58	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 (Barakatul)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46	44	44				
86	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	61	61	66				
89	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	248	251	275	275				
90	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	76	77	80	80				
91	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	100	150	150	150				
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 (CI/PP, REB)	3x9.34	25	25	16	24	16	16				
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	310	341	341				
97	Bibiyana-III 400 MW CCPP	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	1115	1259	1340	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 (NWP/CGCL)	1 x 278+1 x 132	410	410	345	360	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 (NWP/CGCL)	1 x 150+1x75	230	230	0	0	0	225				
103	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115				
104	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	60	85				
105	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	0	24	40	40				
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	105	105				
107	Madhumati 100 MW PP	HFO (NWP/CGCL)	6x18.415	105	105	0	0	100	105				
**	Bheramara (HVDC)	India		1000	1000	933	933	958	958				
Khulna Zone Total				2288	2284	1278	1482	1788	2144	0	0		
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	80	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	14	28	30	33				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	63	69	68	68		125	GT-2 Under maint.	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	78	76	78	78				
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	418	599	660	660				
Barishal Zone Total				1054	1054	573	852	886	949	0	125		
113	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	
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	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	0	0	40				
117	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	40	40				
118	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	25	50	50	100				
119	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	43	43				
120	Katakhali 50 MW PP (Northem)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	35				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/CGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/CGCL)	1x150 + 1x75	220	220	174	193	200	200				
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/CGCL)	1x141+1x79	220	220	162	193	210	210				
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	340	408	410	410				
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	20	20	21				
127	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	11	11				
128	Uliapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
129	Natore 52 MW PP (Rajanka)	HFO (IPP)	6x8.92	52	52	0	0	43	43				
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6x18.55	113	113	70	109	70	113				
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	70	113				
Rajshahi Zone Total				2193	2183	810	995	1428	1690	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	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)	7x16x 2x3	113	113	3	107	70	113				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
137	Majpara, Tatulia & MW Solar PP (Symba I)	Solar (IPP)	1 x 8	8	8	3.8	0	8	0				
Rangpur Zone Total				685	605	156	256	228	283	170	0		
Sub-total: Plants in operation				20279	19788	8398.5	10510	13636	15071	1373	2107		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8025	10042	13028	14400				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20279	19788	8399	10510	13636	15071	1373	2107		
(C) Actual data of 18.06.20 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	10510.00	MW, at =	21:00 hrs PM	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10042.00	MW, at =	21:00 hrs PM	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10510.00	MW, at =	21:00 hrs PM		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	7402.40	MW, at =	7:00 hrs	Dhaka	3439	3439	0	Mymensingh	885	885	0
05.	Day-peak Generation (Generation end)	:	8398.50	MW, at =	12:00 hrs	Chattogram	891	891	0	Sylhet	415	415	0
06.	Evening-peak Generation (Generation end)	:	10510.00	MW, at =	21:00 hrs PM	Khulna	1324	1324	0	Barishal	292	292	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs PM	Rajshahi	1138	1138	0	Rangpur	715	715	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	7176.30	MW, at =	5:00 hrs AM	Cumilla	943	943	0				
09.	Generation shortfall at evening peak due to :	:								Total	10042	10042	0
	a) Gas limitation	:	1072	MW		13.	Fuel cost :	(a) Gas = 153437181	Taka	(c) Coal = 66449536	Taka		
	d) Coal supply Limitation	:	170	MW				(b) Oil = 279357450	Taka	Total = 499244167	Taka		
	b) Low water level in Kaptai lake	:	131	MW									
	c) Plants under shut down/ maintenance	:	2107	MW									
10.	Total Energy (Generation + India Import)	:	214.55	MKWh		14.	Maximum Temperature in Dhaka was :	32.0° C					
	By Gas = 132.199		MKWh	By Oil = 40.683	MKWh	15.	Export through East-West interconnections :						
	By Coal = 14.279		MKWh	By Hydro = 2.279	MKWh		At evening peak-hour	:	-151	MW, at	21:00 hrs PM		
	By Solar= 0.056		MKWh				Maximum	:	-152	MW, at	19:30 hrs		
							Energy	:	0.255	MKWh			
11.	Total Gas Supplied	:	1138.21	MMCFD									
(D) Forecast of 19.06.20 (Today) Friday :													
01.	Maximum Demand	:	10000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15071	MW	(Generation end)	05.	Total Generation	:	204.14	MKWh			
03.	Maximum Shortage	:	-5071	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.9° C				

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

(Fazul Islam Shaker)
Deputy Secretary, Generation