



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954467, 9551095

Month April, 2020			Day : Tuesday				Date : 07.04.20							
Probable Maximum Demand : 10100 MW			Probable Maximum Generation : 14691 MW											
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 81.30 ft				Today = 81.02 ft				Rule Curve = 86.80 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	06.04.20 (Yesterday)		07.04.20 (Today)		06.04.20 (Yesterday)		07.04.20 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gas/Water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date		
(A) Plants in operation:														
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	24	24	24	24				61	Unit-1 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	150	220	0	0					
	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	339	295	365	365					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	32	106	100	100					
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	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0			40	Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	343	303	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	350	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					
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	143	145	100	145			65	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	200	170	220	220				165	ST under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	40	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	120	150	150					
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	7	62	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	71	97	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	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	0	102	102					
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	22	22					
21	Summit Power (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x6.73	80	80	28	31	58	58					
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	29	24	33	33					
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52					
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100					
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149					
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50					
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	53	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	34	65	149	149					
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	300	300	0	0	0	300					
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
34	Nabaganj 55 MW PP (Northern pc)	HFO (IPP)	3x19.3	55	55	0	17	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	55	55					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
Dhaka Zone Total				6047	5811	2038	2209	3316	3961	288	701			
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	37	36	40	40			194	Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	85	85	100	100			95	Gas Shortage	
	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	0	5	0					
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25					
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	17.6	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	25	50	50					
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	105	105					
44	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	90	139	100	140					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	215	0	0					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	25	192	230	300					
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	0	100	100					
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	80	100					
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0					
51	Barakunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	18	21	22	22					
*	Melancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			42	42	42	42					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100					
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54					
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110					
	Juldah unit-2	HFO (IPP)				100	100	100	100					
Chattogram Zone Total				2226	2166	637.6	957	1323	1488	289	180			
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	130	120	120					
	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	100	135	100	100					
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	45	46	46	46					
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	200	162	225	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0			360	Under maint.	
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	345	315	360	360					9/4/2020
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	47	44	20	20					
61	ansuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	45	83	83	83					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51					
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	20	100	150					
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50					
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	82	90	90					
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200					
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	21	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11					
69	Jengalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	0	33	33					
70	Jengalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50					
71	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	19	18	22	22					
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200					
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	0	114					
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	98	113	113					
**	Impoort (Tripura)	India		160	160	86	126	116	130					
Cumilla Zone Total				3040	2980	1195	1342	1512	2190	129	360			
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	151	205	210	210					
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22					
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	50	95	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115										

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.04.20 (Yesterday)		07.04.20 (Today)		06.04.20 (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)			
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	87	83	84	84				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	51	44	44				
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	100	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	53	45	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	309	286	300	300				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	78	77	80	86				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	45	90	100				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	20	20				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x3.34	25	25	16	24	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	285	341	341				
96	Bibiyaana-III 400 MW CCPP	Gas (PDB)	1x225+1x175	400	400	0	0	0	0	400		Under maint.	
Sylhet Zone Total				1944	1899	1209	1131	1327	1343	0	400		
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	355	345	410	410				
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35				
100	Copalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulina 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	0	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
105	Rupshah 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	0	0	90	105				
106	Madhurmati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	348	946	352	946				
Khulina Zone Total				2328	2314	735	1496	1087	2191	0	0		
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	22	20	23				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	171	169	185	185				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	21	21	89	95				
Payra 1320 MW						372	449	305	450				
Barishal Zone Total				472	462	582	661	669	893	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	60	65	65	65	6		Gas Shortage	
112	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	70	60	65	65	40		Gas Shortage	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
114	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
117	Chapaiawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	51	100	80	100				
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	35	42	40	40				
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	24	40	40	40				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	36				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	140	140	170	170	70		Gas Shortage	
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	194	170	173	173	50		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	397	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	16	17	18	18				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	11	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	16	43	52	52				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	109	109	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	108	113	113				
Rajshahi Zone Total				2193	2183	1137	1345	1561	1712	386	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under maint.	
131	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	190	190	200	200				
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	114	113	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	13	0	17				
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.1	0	8	0				
Rangpur Zone Total				685	605	311	316	321	347	85	85		
Sub-total: Plants in operation				19580	19057	8234.0	10009	11684	14691	1177	1726		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss													
						7736	9404	10977	13803				
(B) Contract expired power plants													
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance				50	50	0	0	0	0				
Gross Total				19630	19107	8234.0	10009	11684	14691	1177	1726		
(C) Actual data of 06.04.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	10009.00	MW, at = 19:30 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9404.00	MW, at = 19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10009.00	MW, at = 19:30 hrs P		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	6853.50	MW, at = 6:00 hrs	Dhaka	2681	2681	0	Mymensingh	928	928	0	
05.	Day-peak Generation (Generation end)	:	8234.00	MW, at = 12:00 hrs	Chattogram	1017	1017	0	Sylhet	390	390	0	
06.	Evening-peak Generation (Generation end)	:	10009.00	MW, at = 19:30 hrs P	Khulina	1289	1289	0	Barishal	233	233	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs P	Rajshahi	1191	1191	0	Rangpur	742	742	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	6891.00	MW, at = 5:00 hrs am	Cumilla	933	933	0					
09.	Generation shortfall at evening peak due to :	:							Total	9404	9404	0	
a)	Gas limitation	:	898	MW	13.	Fuel cost :	(e) Gas = 167153539	Taka	(c) Coal = 65631859	Taka			
d)	Coal supply Limitation	:	85	MW		(b) Oil = 153900889	Taka	Total = 386686287	Taka				
b)	Low water level in Kaptai lake	:	194	MW									
c)	Plants under shut down/ maintenance	:	1726	MW	14.	Maximum Temperature in Dhaka was :	37° C						
10.	Total Energy (Generation + India Import)	:	194.40	MKWh	15.	Export through East-West interconnections :							
	By Gas = 144.027	MKWh		By Oil = 21.724		At evening peak-hour	:	64	MW, at 19:30 hrs PM				
	By Coal = 13.850	MKWh		By Hydro = 0.807		Maximum	:	-228	MW, at 6:00 hrs				
	By Solar = 0.210	MKWh				Energy	:	1.382	MKWh				
11.	Total Gas Supplied	:	1186.34	MKWh									
(D) Forecast of 07.04.20 (Today) Tuesday :													
01.	Maximum Demand	:	10100	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	14691	MW (Generation end)	05.	Total Generation	:	196.17	MKWh				
03.	Maximum Shortage	:	-4591	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	39.8° C						

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation