



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564867, 9551095

Month April, 2020				Day : Sunday				Date : 12.04.20				
Probable Maximum Demand :				Probable Maximum Generation :								
9000 MW				15024 MW								
Water Level of Kaptai Lake at 06:00 AM				Rule Curve = 85.80 ft.								
Yesterday = 80.68 ft.				Today = 80.57 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.04.20 (Yesterday)		12.04.20 (Today)		11.04.20 (Yesterday)		12.04.20 (Today)	
					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	0	0	0	0		180	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	280	280	300	300			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	105	33	108	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	67	40	78	78			
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	311	262	300	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	320	320	225	225			
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	282	291	350	350			
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	100	100		210	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	218		335	under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	7	100	100			12/4/2020
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	265	210	120	120			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	20	0	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	30	50	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	10	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	16	19	22	22			
21	Summit Power. (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x6.73	80	80	31	31	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	30	25	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	16	16	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 (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	0	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	16x17.076	300	300	0	0	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	14	33	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x6.14	300	300	0	0	0	300			
32	Bramhangan 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	55	35	35			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
Dhaka Zone Total				6047	5811	1791	1743	3052	4030	355	1051	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	37	32	40	40		198	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	100	100		90	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	5.2	0	5	0			
40	Razan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18.76	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	15	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	50	140	140			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	30	200		225	Under maint.
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	83	140	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	101	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	21	21	22	22			
*	Melanacha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			34	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)				96	100	100	100			
Chattogram Zone Total				2226	2166	517.96	591	1393	1688	288	405	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	80	100	100			
	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	0	0	0	0		134	Gas Shortage
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	39	38	39	39			
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	181	140	200	225			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	260	270	360	360			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	360	260	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	10	10	40	40			
61	ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	45	45			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	5	51	51			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	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	81	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	21	19	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33			
70	Jangalia 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	20	0	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	37	113	113			
**	Impoort (Tripura)	India		160	160	96	138	116	131			
Cumilla Zone Total				3040	2980	1277	1130	1702	2416	263	0	
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	198	167	202	202			
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	0	22	22			
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	90	8	95	95			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.870	115	115	75	0	115	115			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	114	8	124	124			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	1.6	0			
Mymensingh Zone Total				645	637	501.2	183	559.6	558	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.04.20 (Yesterday)		12.04.20 (Today)		11.04.20 (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
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	73	72	71	71				
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	47	11	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	10	44	44				
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	110	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	0	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	45	61	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	287	292	300	300				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	80	10	80	86				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	80	40	120	150				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	0	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)	3x9.34	25	25	23	8	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	280	341	341				
96	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x225+1x175	400	400	0	0	0	0	400	Under maint.		
Sylhet Zone Total				1944	1899	1214	947	1344	1380	0	400		
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	335	290	410	410				
99	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulina 225 MW CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	49	16	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
105	Rupshah 105 MW PP (Orton rupshah)	HFO (IPP)	6x18.445	105	105	0	0	90	105				
106	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	554	922	358	950				
Khulina Zone Total				2328	2314	938	1228	1093	2195	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	32	32	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	28	25	28				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	167	162	180	180				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	11	11	89	95				
		Payra 1320 MW				350	327	350	350				
Barishal Zone Total				472	462	577	560	694	793	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	45	40	40	40	31	Gas Shortage		
112	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	55	55	60	60	45	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	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	67	32	80	100				
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	12	40	46				
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	24	0	42	42				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	35				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	150	135	0	0	75	Gas Shortage		
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage		
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	196	130	200	210	90	Gas Shortage		
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	330	311	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	15	13	16	16				
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	0	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	43	0	43	43				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	109	35	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	23	0	113	113				
Rajshahi Zone Total				2193	2183	1076	771	1379	1545	461	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	72	72		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	170	170	200	200				
133	Rangpur 20 MW GTTP	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	58	52	113	113				
135	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatula 8 MW Solar PP (Sampa)	Solar (IPP)	1 x 8	8	8	7.2	0	8	0				
Rangpur Zone Total				685	605	235	222	393	419	85	85		
Sub-total: Plants in operation				19580	19057	8127.4	7375	11610	15024	1452	1941		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss													
					7622	6916	10887	14089					
(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	8127.4	7375	11610	15024	1452	1941			
(C) Actual data of 11.04.20 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	7375.00	MW	at = 19:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	6916.00	MW	at = 19:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8665.10	MW	at = 15:00 hrs	Dhaka	2335	2335	0	Mymensingh	252	252	0
04.	Minimum Generation (Generation end)	:	7051.04	MW	at = 8:00 hrs	Chattogram	894	894	0	Sylhet	103	103	0
05.	Day-peak Generation (Generation end)	:	8127.36	MW	at = 12:00 hrs	Khulina	785	785	0	Barishal	273	273	0
06.	Evening-peak Generation (Generation end)	:	7375.00	MW	at = 19:00 hrs P	Rajshahi	504	504	0	Rangpur	758	758	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 19:00 hrs P	Cumilla	1012	1012	0				0
08.	Actual Minimum Generation up to 8:00 hrs.	:	4722.90	MW	at = 5:00 hrs am					Total	6916	6916	0
09.	Generation shortfall at evening peak due to:	:											
a)	Gas limitation	:	1169	MW						(e) Gas = 150983324 Taka	(c) Coal = 58446166 Taka		
d)	Coal supply Limitation	:	85	MW						(b) Oil = 123172933 Taka	Total = 332602422 Taka		
b)	Low water level in Kapila lake	:	198	MW									
c)	Plants under shut down/ maintenance	:	1941	MW									
10.	Total Energy (Generation + India Import)	:	181.98	MKWh						14.	Maximum Temperature in Dhaka was :		37.0° C
	By Gas = 135.944 MKWh	By Oil = 19.803 MKWh								15.	Export through East-West interconnections :		
	By Coal = 12.300 MKWh	By Hydro = 0.767 MKWh									At evening peak-hour :	276	MW, at 19:00 hrs PM
	By Solar= 0.204 MKWh										Maximum :	-482	MW, at 22:00 hrs
11.	Total Gas Supplied	:	958.66	MW							Energy :	3.4545	MW
(D) Forecast of 12.04.20 (Today) Sunday :													
01.	Maximum Demand	:	9000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15024	MW	(Generation end)	05.	Total Generation	:	189.02	MW			
03.	Maximum Shortage	:	-6024	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	37.6° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation