



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month April, 2020		Day : Tuesday				Date : 14.04.20								
Probable Maximum Demand :		10200 MW		Probable Maximum Generation :		15404 MW								
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 80.44 ft		Today = 80.28 ft		Rule Curve = 85.40 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derailed/ Present Capacity (MW)	13.04.20 (Yesterday)		14.04.20 (Today)		13.04.20 (Yesterday)		14.04.20 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Gen. shortfall for :	Gas/Water/Coal limitation (MW)	Machines shut down (MW)	Description/ Remarks	Probable start-up date		
					Day	Evening	Day	Evening						
(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	28	105	108	108					
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	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	302	350	310	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	0	0					
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	358	331	350	350					
11	Siddhirganj 2120 MW GTPP	Gas (EGCB)	2 x 105	210	210	120	192	100	150				18	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	230	230				335	under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	30	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	125	135	250	250					
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	24	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	65	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	16	19	22	22					
21	Summit Power (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x6.73	80	80	31	31	35	35					
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	20	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	Katpodi 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	0	17	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	300	200	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	45	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 (Southern pc)	HFO (IPP)	3x19.3	55	55	0	17	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	55	55					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
Dhaka Zone Total				6047	5811	1609	2296	3274	3974	163	1051			
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	36	33	40	40				197	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	4.8	0	5	0					
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25					
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	18	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	18	50	50					
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	0	105	105					
44	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	104	140	140					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	184	225	225					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	84	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	63	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	0	19	22	22					
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			42	32	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)				10	100	100	100					
Chattogram Zone Total				2226	2166	557.8	727	1588	1713	287	180			
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	135	100	135					
	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	42	42	43	43					
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1775	221	221	202	184	200	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	295	275	360	360					
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	355	280	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	20	5	20					
61	Asnuganj 190MW PP (APSCL)	Gas (IPP)	20'9.73+1'16	195	195	8	16	8	16					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	51	5	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	51	88	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	16	18	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11					
69	Jengalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	8	33	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	15	21	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	113	113	113					
**	Impoort (Tripura)	India		160	160	100	136	116	136					
Cumilla Zone Total				3040	2980	1182	1423	1634	2401	263	0			
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	204	206	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										

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.04.20 (Yesterday)		14.04.20 (Today)		13.04.20 (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	28	68	60	60			
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	5	53	51	51			
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44			
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	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	28	0	20	20			
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	294	161	300	300	169		Gas Shortage
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	78	81	81			
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	100	120	120	120			
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	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	0	10	10	10			
94	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x3.34	25	25	8	24	24	24			
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	310	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	977	1058	1288	1288	169	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	360	335	410	410			
99	Fardpur 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	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225			
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	24	115	115	115			
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	97	0	100			
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40			
105	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	0	17	90	105			
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105			
**	Bheramara (HVDC)	India		1000	1000	364	937	468	961			
Khulna Zone Total				2328	2314	748	1541	1203	2206	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	50	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	27	25	26			
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	149	180	180	180			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	89	95			
Payra 1320 MW						604	661	450	660			
Barishal Zone Total				472	462	769	868	794	1101	0	0	
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage
112	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	65	70	70	70	30		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	51	100	80	100			
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	15	43	40	46			
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42			
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	35			
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	213	140	150	150	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	210	177	210	210	43		Gas Shortage
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	394	410	410			
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	15	16	17	17			
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	2	11	11	11			
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43	43	43			
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	50	109	113	113			
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	70	113	113			
Rajshahi Zone Total				2193	2183	1032	1216	1510	1666	434	0	
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	72	70	100	115			
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 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	70	106	113	113			
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	15			
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.9	0	8	0			
Rangpur Zone Total				685	605	317	346	421	460	85	0	
Sub-total: Plants in operation				19580	19057	7472.0	9967	12309	15404	1401	1631	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss												
(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	7472.0	9967	12309	15404	1401	1631	
(C) Actual data of 13.04.20 (Yesterday) Monday :												
01.	Max. Demand (Generation end)	:	9967.00	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)	:	9466.00	MW, at = 19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9967.00	MW, at = 19:30 hrs P	Dhaka	2632	2632	0	Mymensingh	879	879	0
04.	Minimum Generation (Generation end)	:	5923.60	MW, at = 6:00 hrs	Chattogram	896	896	0	Sylhet	382	382	0
05.	Day-peak Generation (Generation end)	:	7472.00	MW, at = 12:00 hrs	Khulna	1389	1389	0	Barishal	290	290	0
06.	Evening-peak Generation (Generation end)	:	9967.00	MW, at = 19:30 hrs P	Rajshahi	1242	1242	0	Rangpur	746	746	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs P	Cumilla	1010	1010	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	6852.80	MW, at = 5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:							Total	9466	9466	0
a)	Gas limitation	:	1119	MW	13.	Fuel cost :	(e) Gas = 151178733	Taka	(c) Coal = 88083262	Taka		
d)	Coal supply Limitation	:	85	MW		(b) Oil = 119867725	Taka	Total = 359129721	Taka			
b)	Low water level in Kaptai lake	:	197	MW								
c)	Plants under shut down/ maintenance	:	1631	MW	14.	Maximum Temperature in Dhaka was :	35.0° C					
10.	Total Energy (Generation + India Import)	:	182.47	MKWh	15.	Export through East-West interconnections :						
	By Gas = 131.188	MKWh		By Oil = 17.372		At evening peak-hour	:	30	MW, at 19:30 hrs PM			
	By Coal = 18.486	MKWh		By Hydro = 0.759		Maximum	:	-326	MW, at 7:00 hrs			
	By Solar = 0.182	MKWh				Energy	:	1.7245	MKWh			
11.	Total Gas Supplied	:	1104.13	MKWh								
(D) Forecast of 14.04.20 (Today) Tuesday :												
01.	Maximum Demand	:	10200	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)			
02.	Maximum Generation	:	15404	MW (Generation end)	05.	Total Generation	:	186.74	MKWh			
03.	Maximum Shortage	:	-5204	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