



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2020			Day : Saturday				Date : 04.04.20							
Probable Maximum Demand :			9800 MW				Probable Maximum Generation :				15152 MW			
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 81.50 ft				Today = 81.40 ft				Rule Curve = 87.40 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	03.04.20 (Yesterday)		04.04.20 (Today)		03.04.20 (Yesterday)		04.04.20 (Today)		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		
(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	140	150	150	200					
	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	340	313	365	365					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	50	50				Gas Shortage	
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	340	320	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	380	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	380	338	412	412					
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	100	120	100	100			90	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	200	224	0	0			111	ST under maint.	
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	120	130	150	150					
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	27	15	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	10	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)	4x6.73	33	33	15	15	33	33					
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	26	26	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	0	0	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	0	15	149	149					
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	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 (Southern pc)	HFO (IPP)	3x19.3	55	55	0	0	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	35	35					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
Dhaka Zone Total				6047	5811	2153	2120	3608	4258	421	647			
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	38	34	80	80			196	Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	83	0	100	100			180	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	5.1	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	0	50	50					
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	105	105					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	90	90	0	0					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	213	216	225	225					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	32	16	230	300					
47	Juldah 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
48	Juldah 100 MW PP Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	0	0	100	100					
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	61	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					
*	Melancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			37	31	40	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	636.7	569	1486	1613	376	180			
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	120	100	120	120			35	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	0	0	0	0			134	Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	43	46	46	46					
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1775	221	221	202	180	225	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	35	0	0	0					
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	360	295	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	30	5	5					
61	Asnuganj 150MW PP (APSCL)	Gas (IPP)	20'9.73+1'16	195	195	25	83	45	45					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	51	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	0	0	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	11	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	0	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	3	12	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	0	113	113					
**	Impoort (Tripura)	India		160	160	104	76	116	131					
Cumilla Zone Total				3040	2980	964	917	1359	2038	298	0			
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	203	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	95	48	89	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	85	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	74	115	124	124					
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	1.6	0					
Mymensingh Zone Total				645	637	349.3	517							

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					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	20	54	62	62				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	10	10	43	43				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	48	44	44				
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	45	64	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	301	278	300	300	52		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	78	80	86				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	110	109	150	150				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	19	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	24	24	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	260	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	1019	1181	1365	1371	52	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	375	325	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	26	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	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	0	0	90	105				
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	352	944	350	942				
Khulina Zone Total				2328	2314	753	1474	1085	2187	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	19	15	20	23				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	176	162	185	185				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	11	0	89	95				
Payra 1320 MW						302	200	0	400				
Barishal Zone Total				472	462	508	377	364	843	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	55	40	60	60	31		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	60	65	60	60	35		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	34	100	80	100				
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	37	39	40	40				
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	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	160	170	210	210				
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	197	170	210	210	50		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	405	350	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	17	18	18				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	10	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	0	33	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	33	113	113				
Rajshahi Zone Total				2193	2183	1092	1182	1628	1779	336	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under maint.	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	64	64	70	70	21		Shutdown for Low Demand	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	242	220	280	280				
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	34	113	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.2	0	8	0				
Rangpur Zone Total				685	605	347	397	471	497	0	106		
Sub-total: Plants in operation				19580	19057	7822.2	8734	11934	15152	1483	1333		
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	7822.2	8734	11934	15152	1483	1333		
(C) Actual data of 03.04.20 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	: 8734.00 MW, at = 20:00 hrs P											
02.	Max. Demand (Sub-station end)	: 8259.00 MW, at = 20:00 hrs P											
03.	Highest Generation (Generation end)	: 8734.00 MW, at = 20:00 hrs											
04.	Minimum Generation (Generation end)	: 6632.40 MW, at = 7:00 hrs											
05.	Day-peak Generation (Generation end)	: 7822.20 MW, at = 12:00 hrs											
06.	Evening-peak Generation (Generation end)	: 8734.00 MW, at = 20:00 hrs											
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 20:00 hrs P											
08.	Actual Minimum Generation up to 8:00 hrs.	: 6392.40 MW, at = 5:00 hrs am											
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	: 1287 MW											
	d) Coal supply Limitation	: 0 MW											
	b) Low water level in Kaptai lake	: 196 MW											
	c) Plants under shut down/ maintenance	: 1333 MW											
10.	Total Energy (Generation + India Import)	: 181.07 MKWh											
	By Gas = 138.183 MKWh	By Oil = 15.536 MKWh											
	By Coal = 13.942 MKWh	By Hydro = 0.823 MKWh											
	By Solar = 0.219 MKWh												
11.	Total Gas Supplied	: 1144.02 MMCFD											
12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :												
	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW					
	Dhaka	2459	2459	0	Mymensingh	898	898	0					
	Chattogram	945	945	0	Sylhet	337	337	0					
	Khulina	1206	1206	0	Barishal	134	134	0					
	Rajshahi	1203	1203	0	Rangpur	704	704	0					
	Cumilla	373	373	0									
					Total	8259	8259	0					
13.	Fuel cost :	(e) Gas = 160097540 Taka	(c) Coal = 69720329 Taka										
		(b) Oil = 101479142 Taka	Total = 331297011 Taka										
14.	Maximum Temperature in Dhaka was :	35.4° C											
15.	Export through East-West interconnections :												
	At evening peak-hour	: -45 MW, at 20:00 hrs PM											
	Maximum	: -326 MW, at 7:00 hrs											
	Energy	: 2.8555 MKWh											
(D) Forecast of 04.04.20 (Today) Saturday :													
01.	Maximum Demand	: 9800 MW (Generation end)											
02.	Maximum Generation	: 15152 MW (Generation end)											
03.	Maximum Shortage	: -5352 MW (Generation end)											
04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)											
05.	Total Generation	: 203.16 MKWh											
06.	Probable Max. Temperature in Dhaka :	36.8° C											

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation