



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020			Day : Thursday				Date : 14.05.20				
Probable Maximum Demand : 11500 MW			Probable Maximum Generation : 14697 MW				Rule Curve = 79.53 ft.				
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 76.42 ft				Today = 76.30 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.05.20 (Yesterday)		14.05.20 (Today)		13.05.20 (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	0	0	0	0	85	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	220	180	220	220		
	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	0	0	0	0	365	Under maint.
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	107	110	108	108		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	61	67	78	78	11	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	345	304	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	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	332	333	360	330		
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	140	150	200	200	60	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	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	255	300	300	300		
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	58	25	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	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	47	51	50	49		
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33		
23	Ruganaj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	30	17	30	30		
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	47	47		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	47	30	100	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	120	65	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	300	300	0	0	0	0		
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	17	17	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	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	2260	2192	3529	3898	216	1260	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	37	34	35	35	196	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	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	5.1	0	5	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	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	100		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	140	150	150		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	218	225	225		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	214	107	230	230		
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	100	100	100	100		
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	16	101	100	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	2		
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			3	42	5	42		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	32	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	999.1	966	1576	1623	196	180	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	135	108	135	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	42	42		
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	180	193	225	225		
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	350	320	350	350		
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	300	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	46	49	45	45		
61	nsnuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	26	26		
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	70	10	100	100		
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	0	0	163	Under maint.
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	21		
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	10	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	0		
71	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	20	17	21	20		
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	114	114		
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	94	65	113	113		
**	Impoort (Tripura)	India		160	160	130	156	153	172.6		
Cumilla Zone Total			3040	2980	1498	1384	1801	2268.6	263	163	
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	172	160	160	170		
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	0	20	22		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	95	92		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	45	115	115		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	171	175	170	170		
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.3	0	1.6	0		
Mymensingh Zone Total			645	637	366.3	380	561.6	569	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.05.20 (Yesterday)		14.05.20 (Today)		13.05.20 (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	88	87	88	88			
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	29	27	29	29		63	GT-4 Under maint.
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	47	53	51	51			
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	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	11	11	11	11			
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	61	60	60			
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	186	193	210	210		137	ST under maint.
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	77	77	80	80			
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	140	150	140	140			
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	19	19	18	18			
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	280	310	310	310			
96	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x225+1x175	400	400	0	0	0	0		400	Under maint.
Sylhet Zone Total				1944	1899	1141	1232	1238	1238	0	600	
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	0			
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	335	275	410	410			
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	37			
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	83	99	99	99			
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	90	50	88			
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	105	90	105			
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	50	50	50			
**	Bheramara (HVDC)	India		1000	1000	737	930	747	942			
Khulna Zone Total				2328	2314	1155	1539	1516	2066	0	0	
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	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	21	33	30	33			
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	60	60		134	GT2 shutdown
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	87	98	95	95			
Payra 1320 MW						628	659	563	669			
Barishal Zone Total				472	462	796	930	798	967	0	134	
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	70	70	71		Gas Shortage
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	34			
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	70			
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	50	50	50			
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	25	50	100			
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	46	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	0	0	34			
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	187	193	200	200	217		Gas Shortage
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	194	208	210	210	12		Gas Shortage
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	406	376	410	410			
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	15	17	16	15			
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	10	11	10			
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	0	40	40			
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	0	70	113	109			
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113			
Rajshahi Zone Total				2193	2183	832	960	1582	1764	420	0	
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	150	150	150			
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20			
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	0	70	113	113			
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20			
136	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.9	0	8	0			
Rangpur Zone Total				685	605	157	220	271	303	170	0	
Sub-total: Plants in operation				19580	19057	9204.3	9803	12873	14697	1265	2337	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss												
						8841	9416	12364	14116			
(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	9204.3	9803	12873	14697	1265	2337	
(C) Actual data of 13.05.20 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)	:	9803.00	MW, at = 21:00 hrs P	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9416.00	MW, at = 21:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10576.00	MW, at = 1:00 hrs	Dhaka	2958	2958	0	Mymensingh	682	682	0
04.	Minimum Generation (Generation end)	:	8291.00	MW, at = 7:00 hrs	Chattogram	1061	1061	0	Sylhet	345	345	0
05.	Day-peak Generation (Generation end)	:	9204.30	MW, at = 12:00 hrs	Khulna	1457	1457	0	Barishal	339	339	0
06.	Evening-peak Generation (Generation end)	:	9803.00	MW, at = 21:00 hrs P	Rajshahi	1111	1111	0	Rangpur	504	504	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs P	Cumilla	959	959	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7208.49	MW, at = 5:00 hrs am	Total				9416	9416	0	
09.	Generation shortfall at evening peak due to :	:			a) Gas limitation : 899 MW		13. Fuel cost : (e) Gas = 170535115 Taka		(c) Coal = 83595848 Taka			
		:			d) Coal supply Limitation : 170 MW		(b) Oil = 266213068 Taka		Total = 520344031 Taka			
		:			b) Low water level in Kaptai lake : 196 MW		14. Maximum Temperature in Dhaka was : 35.4° C					
		:			c) Plants under shut down/ maintenance : 2337 MW		15. Export through East-West interconnections :					
10.	Total Energy (Generation + India Import)	:	223.81	MKWh	By Gas = 143.393 MKWh		By Coal = 18.183 MKWh		By Hydro = 0.824 MKWh		At evening peak-hour : -32 MW, at 21:00 hrs PM	
		:			By Solar = 0.212 MKWh		By Wind = 0.201 MKWh		By Biomass = 0.201 MKWh		Maximum : -201 MW, at 19:00 hrs	
11.	Total Gas Supplied	:	1193.72	MKWh	Energy : 0.312 MKWh							
(D) Forecast of 14.05.20 (Today) Thursday :												
01.	Maximum Demand	:	11500	MW (Generation end)	04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14697	MW (Generation end)	05. Total Generation : 243.36 MKWh							
03.	Maximum Shortage	:	-3197	MW (Generation end)	06. Probable Max. Temperature in Dhaka : 39.9° C							

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation