



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month May, 2020					Day : Wednesday				Date : 13.05.20							
Probable Maximum Demand : 12000 MW					Probable Maximum Generation : 14710 MW											
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 76.51 ft				Today = 76.42 ft				Rule Curve = 79.72 ft			
Sl. No.	Name of Power Station	Nos. of Unit X	Capacity (MW)	Installed Capacity (MW)	Dered/ Present Capacity (MW)	12.05.20 (Yesterday)		13.05.20 (Today)		12.05.20 (Yesterday)		13.05.20 (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	0	0	35	35			85	Under maint.		
	b) Ghorasal Repowered CAPP Unit-3	Gas	(PDB)	1 x 210	210	170	0	0	0	0			170	Under maint.		
	c) Ghorasal Repowered CAPP Unit-4	Gas	(PDB)	1 x 210	210	180	180	100	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 CAPP 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	106	15	108	108						
4	Ghorasal 78.5 MW PP(MAX)	Gas	(QRPP)	2x40	78	78	61	40	78	78			38	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 CAPP(HPL)	Gas	(IPP)	1x235+1x125	360	360	302	351	360	360						
8	Meghnaghat 450 MW CAPP(MPL)	Gas	(IPP)	2x140+1x170	450	450	360	420	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 CAPP	Gas	(EGCB)	1x273+1x139	412	412	341	330	360	330						
11	Siddhirganj 2*120 MW GTPP	Gas	(EGCB)	2 x 105	210	210	92	175	200	200			35	Gas Shortage		
12	Siddhirganj 335 MW CAPP	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	1	80	100	100						
14	Meghnaghat CAPP(Summit)	GAS	(IPP)	2x110+1x110	305	305	300	275	300	300						
15	Meghnaghat 100 MW(EL)	HFO	(QRPP)	12x8.9	100	100	46	100	100	100						
16	Madanganj 102 PP(Summit)	HFO	(QRPP)	6x17	102	100	94	92	100	100						
17	Madanganj-55 MW PP(Summit)	HFO	(IPP)	5x17.08+1x11.3	55	55	55	55	55	55						
18	Keraniganj 100 MW PP (Powerpac)	HFO	(QRPP)	8x13.45	100	100	70	100	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	49	50	49						
22	Maona 33 MW PP(Summit)	Gas	(SIIP, REB)	4x8.73	33	33	33	33	33	33						
23	Ruganj 33 MW PP(Summit)	Gas	(SIIP, REB)	4x8.73	33	33	31	20	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	115	149	149						
27	Katpott 52 MW PP (Sinha)	HFO	(IPP)	7x7.90	51	51	0	47	47	47						
28	Kamalaghat 54 MW PP (Banco Energy)	HFO	(IPP)	3x18.69	54	54	53	53	54	54						
29	Kodda 300 MW PP Unit-2 (Summit)	HFO	(IPP)	18x17.076	300	300	223	300	100	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO	(IPP)	8x18.415+1x8.97	149	149	149	149	149	149						
31	Keraniganj 300 MW PP (APR)	HSD	(IPP)	266x1.4	300	300	0	0	0	0						
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	55	55	55	55						
36	Bosila 108MW PP(CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	0	0	0	0						
Dhaka Zone Total				6047	5811	2615	2900	3564	3933	218	1260					
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro	(PDB)	2x40, 3x30	230	230	36	35	35	35			195	Low Water Level		
38	a) Chattogram TPP-1	Gas	(PDB)	1 x 210	210	180	90	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	7	4.4	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	12.2	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO	(IPP)	8x6.89	50	50	0	19	50	50						
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO	(IPP)	6x18.415	105	105	0	0	105	100						
44	Shikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	140	139	150	150						
45	Sikalbaha 225 MW CAPP	Gas	(PDB)	1 x 150+1 x 75	225	225	212	217	225	225						
46	Anwara 300 MW PP (United)	HFO	(IPP)	17x17.076+3x8.04	300	300	195	199	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	90	100	100						
49	Dohazari -Kalaish 100 MW Peaking	HFO	(PDB)	6x17.0	102	102	0	85	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			6	42	5	42						
52	Chattogram 108 MW PP (ECPV)	HFO	(IPP)	16x7.00	108	108	0	96	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	916.6	1146	1576	1623	195	180					
55	a) Ashuganj TPP Unit- 3	Gas	(APSCL)	1 x 150	150	135	135	120	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	33	42	42	42						
57	Ashuganj 225 MW CAPP	Gas	(APSCL)	1x142+1775	221	221	209	210	225	225						
58	Ashuganj 450 MW CAPP(South)	Gas	(APSCL)	1x360	360	360	320	300	350	350						
59	Ashuganj 450 MW CAPP(North)	Gas	(APSCL)	1x361	360	360	35	310	360	360						
60	Ashuganj 55 MW PP (Precision)	Gas	(RPP)	15'4	55	55	46	44	45	45						
61	Asnuganj 150MW PP (APSCL)	Gas	(IPP)	20'9.73+1'16	195	195	26	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	10	10	100	100						
64	Titas 50 MW Peaking PP	HFO	(PDB)	6x8.92	52	52	0	0	0	50						
65	Chandpur 150 MW CAPP	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	21	21	22	21						
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	0						
71	Cumilla 25 MW PP (Summit)	Gas	(SIIP, REB)	3x3.67+2x6.97	25	25	21	20	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	114	114	114						
74	Chowmuhani 113 MW	HFO	(IPP)	12'9.78+2'3.1	113	113	84	113	113	113						
**	Impoort (Tripura)	India			160	160	144	178	153	172						
Cumilla Zone Total				3040	2980	1176	1585	1801	2268	263	163					
75	RPCL 210MW CAPP	Gas	(IPP)	4x35+1x70	210	202	146	149	150	150						
76	Tangail 22 MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22	17	22	20	22						
77	Jamalpur 95 MW PP(Powerpac)	HFO	(IPP)	12x8.924	95	95	0	92	95	92						

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.05.20 (Yesterday)		13.05.20 (Today)		12.05.20 (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	86	89	88	88				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	29	29	29	29		61	GT-4 Under maint.	
83	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	46	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	44	44				
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	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	58	60	60	60				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	190	185	210	210		145	ST under maint.	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	75	76	80	80				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	111	137	140	140				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	19	18	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	Shahjahanula 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	290	285	310	310				
96	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
Sylhet Zone Total				1944	1899	1158	1190	1238	1238	0	606		
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	335	410	410				
99	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	37				
100	Gopalganj 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	88	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	Madhurmati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	50	50	50				
**	Bheramara (HVDC)	India		1000	1000	734	930	746	941				
Khulna Zone Total				2328	2314	1152	1647	1515	2065	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	110	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	95	96	95	95				
Payra 1320 MW						632	669	563	669	0	0		
Barishal Zone Total				472	462	808	968	798	967	0	134		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	30	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	34	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	26	0	70				
116	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
117	Chapaiawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	50	100				
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	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	34	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	190	156	200	200		64	Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	176	177	210	210		43	Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	402	402	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	13	15	16	15				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	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	45	109	113	109				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	113	113				
Rajshahi Zone Total				2193	2183	925	1281	1582	1764	488	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	113	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	10	0	20				
136	Majpara, Tutulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.9	0	8	0				
Rangpur Zone Total				685	605	154	273	271	303	170	0		
Sub-total: Plants in operation				19580	19057	9211.8	11513	12897	14710	1334	2343		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						8753	10940	12255	13978				
(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	9211.8	11513	12897	14710	1334	2343		
(C) Actual data of 12.05.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	11513.00	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)	:	10940.00	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)	:	11513.00	MW, at =	21:00 hrs P	Dhaka	3356	3356	0	Mymensingh	954	954	0
04.	Minimum Generation (Generation end)	:	7893.80	MW, at =	7:00 hrs	Chattogram	1059	1059	0	Sylhet	494	494	0
05.	Day-peak Generation (Generation end)	:	9211.80	MW, at =	12:00 hrs	Khulna	1514	1514	0	Barishal	358	358	0
06.	Evening-peak Generation (Generation end)	:	11513.00	MW, at =	21:00 hrs P	Rajshahi	1268	1268	0	Rangpur	752	752	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs P	Cumilla	1185	1185	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	8291.00	MW, at =	5:00 hrs am	Total 10940 10940 0							
09.	Generation shortfall at evening peak due to :	:				13. Fuel cost : (e) Gas = 164321092 Taka (c) Coal = 85336333 Taka (b) Oil = 392607144 Taka Total = 642264569 Taka							
a)	Gas limitation	:	969	MW									
d)	Coal supply Limitation	:	170	MW									
b)	Low water level in Kapali lake	:	195	MW									
c)	Plants under shut down/ maintenance	:	2343	MW									
10.	Total Energy (Generation + India Import)	:	233.07	MKWh	14. Maximum Temperature in Dhaka was : 36.5° C								
	By Gas = 137.320 MKWh			By Oil = 54.095 MKWh	15. Export through East-West interconnections :								
	By Coal = 18.578 MKWh			By Hydro = 0.816 MKWh	At evening peak-hour : 62 MW, at 21:00 hrs PM								
	By Solar= 0.208 MKWh				Maximum : -40 MW, at 20:00 hrs								
11.	Total Gas Supplied	:	1203.53	MWCFD	Energy : 0.0785 MKWh								
(D) Forecast of 13.05.20 (Today) Wednesday :													
01.	Maximum Demand	:	12000	MW	(Generation end)	04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14710	MW	(Generation end)	05. Total Generation : 242.93 MKWh							
03.	Maximum Shortage	:	-2710	MW	(Generation end)	06. Probable Max. Temperature in Dhaka : 40.1° C							

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation