



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020				Day : Tuesday				Date : 26.05.20							
Probable Maximum Demand : 9500 MW				Probable Maximum Generation : 14129 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 75.53 ft				Today = 75.56 ft				Rule Curve = 77.20 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	25.05.20 (Yesterday)		26.05.20 (Today)		25.05.20 (Yesterday)		26.05.20 (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	35	35	35	35			50	Unit 2 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	100	220	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	24	96	108	108						
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	69	78	78	9			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	341	356	360	360						
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	450	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	368	368	412	412						
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	76	188	200	200	22			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	65	100	100						
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	220	280	300	300						
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	0	64	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	7	102	102						
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	0	22	22	22						
21	Summit Power (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x6.73	80	80	31	36	48	49						
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	28	30	33	33						
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	8	8	30	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	48	48						
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	100	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	90	149	149						
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	300	300	0	0	100	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	0	55	55						
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0						
Dhaka Zone Total				6047	5811	1671	2401	3715	4170	176	1225				
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x90	230	230	33	29	30	30	201			Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	90	90						
	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	5.4	0	5	0						
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25						
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19.6	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	100	100						
44	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	90	139	150	150						
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0			225	Under maint.		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	34	248	230	230						
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	68	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	19	19	22	22						
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			42	36	40	40						
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	10	54						
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110						
	Juldah unit-2	HFO (IPP)				50	100	100	100						
Chattogram Zone Total				2226	2166	383	737	1322	1401	201	405				
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	70	135	110	110						
	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	10	41	42	42						
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	142	202	225	225						
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	225	295	350	350						
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	250	325	360	360						
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	10	55						
61	Asnuganj 190MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	73	55	55						
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	51	50	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	0	0			163	Under maint.		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	17	100	200						
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	21	22	22						
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	9	11	11						
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	25	33	33	33						
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52						
71	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	14	20	20	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	0	113	113	113						
**	Impoort (Tripura)	India		160	160	116	154	154	172.6						
Cumilla Zone Total				3040	2980	893	1603	1921	2380.6	263	163				
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	201	201	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	0	0	95	95						
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	115	115						
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	50	170	200						
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.5	0	1.6	0						
Mymensingh Zone Total				645	637	223.5	388	613.6							

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.05.20 (Yesterday)		26.05.20 (Today)		25.05.20 (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	87	87	88	88			
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	5	49	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	110	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	40	59	66	66			
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	171	173	210	210		157	ST under maint.
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	5	77	80	80			
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	150	150	100	150			
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	18	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	0	10	10			
94	Shahjahanula 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	16	24	24	24			
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	0	0			
96	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.
Sylhet Zone Total				1944	1899	630	873	895	947	0	617	
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	45			
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	375	360	340	410			
99	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	16	0	37			
100	Copalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	37	0	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	0	49	99	99			
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	10	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	50	105			
106	Madhurmati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	105	100	105			
**	Bheramara (HVDC)	India		1000	1000	743	931	752	948			
Khulna Zone Total				2328	2314	1118	1538	1391	2184	0	0	
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	14	0	30			
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	17	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	52	90	95	95			
Payra 1320 MW						0	0	0	0			
Barishal Zone Total				472	462	129	307	235	328	0	134	
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	70	70	70	1		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	0	0	50	50			
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	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	166	205	200	200	15		Gas Shortage
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	185	209	210	210	11		Gas Shortage
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	405	408	410	410			
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	19	20	20			
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10			
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	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	0	50	113			
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	50	113			
Rajshahi Zone Total				2193	2183	859	932	1459	1773	337	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	0	50	113			
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20			
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	1.4	0	8	0			
Rangpur Zone Total				685	605	150	150	208	303	170	0	
Sub-total: Plants in operation				19580	19057	6056.9	8929	11760	14129	1147	2544	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						5740	8462	11145	13390			
(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	6056.9	8929	11760	14129	1147	2544	
(C) Actual data of 25.05.20 (Yesterday) Monday :												
01.	Max. Demand (Generation end)	:	8929.00	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)	:	8462.00	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)	:	8960.00	MW, at = 22:00 hrs	Dhaka	2665	2665	0	Mymensingh	686	686	0
04.	Minimum Generation (Generation end)	:	5788.90	MW, at = 9:00 hrs	Chattogram	839	839	0	Sylhet	341	341	0
05.	Day-peak Generation (Generation end)	:	6056.90	MW, at = 12:00 hrs	Khulna	1133	1133	0	Barishal	310	310	0
06.	Evening-peak Generation (Generation end)	:	8929.00	MW, at = 21:00 hrs P	Rajshahi	906	906	0	Rangpur	509	509	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs P	Cumilla	1073	1073	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5965.41	MW, at = 5:00 hrs am					Total	8462	8462	0
09.	Generation shortfall at evening peak due to :	:			13.	Fuel cost :		(e) Gas = 149142008 Taka	(c) Coal = 13979806 Taka	(b) Oil = 154975737 Taka	Total = 318097551 Taka	
a)	Gas limitation	:	776	MW								
d)	Coal supply Limitation	:	170	MW								
b)	Low water level in Kaptai lake	:	201	MW								
c)	Plants under shut down/ maintenance	:	2544	MW								
10.	Total Energy (Generation + India Import)	:	171.05	MKWh	14.	Maximum Temperature in Dhaka was :		33.4° C				
	By Gas = 123.629 MKWh			By Oil = 23.462 MKWh	15.	Export through East-West interconnections :						
	By Coal = 2.579 MKWh			By Hydro = 0.681 MKWh		At evening peak-hour	:	-116	MW, at 21:00 hrs PM			
	By Solar= 0.170 MKWh					Maximum	:	-116	MW, at 21:00 hrs			
11.	Total Gas Supplied	:	1061.28	MKWh		Energy	:	0.3175	MKWh			
(D) Forecast of 26.05.20 (Today) Tuesday :												
01.	Maximum Demand	:	9500	MW (Generation end)	04.	Maximum Load-shed		: 0 MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	14129	MW (Generation end)	05.	Total Generation		: 181.35 MKWh				
03.	Maximum Shortage	:	-4629	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		: 37.1° C				

* Captive Power ** Imported Power

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

(Fazool Islam Shaker)
Deputy Secretary, Generation