



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020				Day : Friday				Date : 22.05.20				
Probable Maximum Demand : 8000 MW				Probable Maximum Generation : 14605 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 75.12 ft				Rule Curve = 78.00 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	21.05.20 (Yesterday)		22.05.20 (Today)		21.05.20 (Yesterday)		22.05.20 (Today)	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					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	0	0		85	Under maint.
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	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 CCGP 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	12	110	108	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	30	78	78	48		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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	304	303	360	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	340	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	343	314	412	412			
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	140	120	200	200	90		Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0		335	Under maint.
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	140	300	300			
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	60	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	0	19	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x6.73	80	80	31	49	48	49			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	6	25	25	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	24	22	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 (Barco 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	100	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Nababganj 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	1335	1809	3672	4284	283	1260
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	30	30	30	200		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	0.87	0	5	0	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50			
43	Sikalbaha 105 MW PP (Baraka Siku	HFO (IPP)	6x18.415	105	105	0	0	100	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	70	139	150	150			
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	218	217	225	225			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	0	230	230			
47	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
48	Julda 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	0	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	11	22	22			
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			11	42	30	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			
	Julda unit-2	HFO (IPP)				0	100	100	100			
Chattogram Zone Total					2226	2166	440.87	629	1581	1628	200	180
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	80	100	100			
	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	42	42	42			
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	205	144	225	225			
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	295	305	350	350			
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	340	340	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	30	10	50			
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	0	120	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	150	150			
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur 150 MW CCGP	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	100	200			
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	21	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	8	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	0	15	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			
**	Import (Tirupura)	India		160	160	94	164	162	172.6			
Cumilla Zone Total					3040	2980	962	1583	1969	2370.6	263	163
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	69	154	150	150			
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	22	20	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	0	115	115			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	110	170	200			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0			
Mymensingh Zone Total					645	637	69	286	551.6	582	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.05.20 (Yesterday)		22.05.20 (Today)		21.05.20 (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)	Description/ Remarks	Probable start-up date
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	26	87	88	88				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	19	30	30	30		60	GT-4 Under maint.	
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	44	44	44				
85	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	70	110	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11				
87	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	28	29	30	30				
88	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	167	189	210	210		141	ST under maint.	
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	10	77	80	80				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	70	140	150	150				
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	18	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	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290	310	310				
96	Bibiyaan-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
Sylhet Zone Total				1944	1899	700	1112	1219	1221	0	601		
97	Bheramara GTTP 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	65	290	300	410				
99	Faridpur 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	0	0	99	99				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	90	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	100	105				
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	105				
**	Bheramara (HVDC)	India		1000	1000	195	639	552	848				
Khulna Zone Total				2328	2314	260	929	1311	2084	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	12	33	30	33				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	60	60	60		134	GT2 shutdown	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	87	95	95				
Payra 1320 MW						0	0	0	0				
Barishal Zone Total				472	462	12	180	235	328	0	134		
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	70	50	50	1		Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	70	50	50	30		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	Ammura 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	43	110	150	200	110		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	48	112	150	210	108		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	335	345	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	16	20	21				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	10	10	10				
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	0	0	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	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113				
Rajshahi Zone Total				2193	2183	426	733	1505	1804	459	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	140	150	150	150				
133	Rangpur 20 MW GTTP	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	113	113				
135	Saidpur 20 MW GTTP	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	0	0	8	0				
Rangpur Zone Total				685	605	140	150	271	303	170	0		
Sub-total: Plants in operation				19580	19057	4344.9	7411	12315	14605	1375	2338		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						4175	7121	11833	14033				
(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	4344.9	7411	12315	14605	1375	2338		
(C) Actual data of 21.05.20 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	7411.00 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)	:	7121.00 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)	:	7530.00 MW, at = 24:00			Dhaka	2847	2847	0	Mymensingh	663	663	0
04.	Minimum Generation (Generation end)	:	2679.20 MW, at = 6:00 hrs			Chattogram	838	838	0	Sylhet	375	375	0
05.	Day-peak Generation (Generation end)	:	4344.87 MW, at = 12:00 hrs			Khulna	494	494	0	Barishal	200	200	0
06.	Evening-peak Generation (Generation end)	:	7411.00 MW, at = 21:00 hrs P			Rajshahi	491	491	0	Rangpur	192	192	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00 hrs P			Cumilla	1021	1021	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5502.70 MW, at = 5:00 hrs am							Total	7121	7121	0
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :	(a) Gas = 108015449 Taka	(c) Coal = 18812278 Taka				
	a) Gas limitation	:	1005 MW					(b) Oil = 36344856 Taka	Total = 163172582 Taka				
	d) Coal supply Limitation	:	170 MW			14.	Maximum Temperature in Dhaka was :	30.0° C					
	b) Low water level in Kaptai lake	:	200 MW			15.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	2338 MW				At evening peak-hour	:	480 MW, at 21:00 hrs PM				
10.	Total Energy (Generation + India Import)	:	114.69 MKWh				Maximum	:	354 MW, at 6:00 hrs				
	By Gas = 95.143 MKWh						Energy	:	0.8745 MKWh				
	By Coal = 3.471 MKWh												
	By Solar= 0.052 MKWh												
11.	Total Gas Supplied	:	989.26 MMCFD										
(D) Forecast of 22.05.20 (Today) Friday :													
01.	Maximum Demand	:	8000 MW (Generation end)			04.	Maximum Load-shed	:	0 MW			At evening peak (Sub-station end)	
02.	Maximum Generation	:	14605 MW (Generation end)			05.	Total Generation	:	121.85 MKWh				
03.	Maximum Shortage	:	-6605 MW (Generation end)			06.	Probable Max. Temperature in Dhaka :	:	34.7° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation