



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020					Day : Wednesday					Date : 20.05.20				
Probable Maximum Demand : 8500 MW					Probable Maximum Generation : 14072 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 75.26 ft					Today = 75.13 ft				
					Rule Curve = 78.39 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derailed/ Present Capacity (MW)	19.05.20 (Yesterday)		20.05.20 (Today)		19.05.20 (Yesterday)		20.05.20 (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	180	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 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	104	110	108	108					
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	50	61	78	78	17		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	300	350	360	360					
8	Meghnaghat 450 MW CCGP(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 CCGP	Gas (EGCB)	1x273+1x139	412	412	338	373	412	412					
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	120	185	200	200	25		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	72	100	100					
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	290	280	300	300					
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	75	100	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	60	93	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	50	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	100	32	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+7x8.73	80	80	47	50	45	45					
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	24	33	25	33					
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	31	25	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	34	71	100	100					
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	149	149					
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	30	48	48					
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	172	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)	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	Aurahi 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	35	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	2632	3226	3669	4277	187	1260		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	36	0	30	30	230		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	6.3	0	5	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	19	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	139	145	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	216	80	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	90	100	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	0	22	22					
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			7	32	10	35					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	56	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)				100	100	100	100					
Chattogram Zone Total					2226	2166	998.3	764	1561	1621	230	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	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	41	42	42	42					
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	186	210	225	225					
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	240	320	350	350					
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	275	320	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	50	50					
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8					
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	135	135	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	0	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	10	5	11	11					
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	32	32	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	20	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	34	114	114	114					
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113					
**	Import (Tirupura)	India		160	160	152	144	153.5	172.6					
Cumilla Zone Total					3040	2980	1382	1599	1989.5	2358.6	263	163		
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	194	170	210	210					
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	95	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	45	115	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	143	190	170	190					
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0					
Mymensingh Zone Total					645	637	382	592	611.6	632	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.05.20 (Yesterday)		20.05.20 (Today)		19.05.20 (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	85	84	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 (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	53	51	51											
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	44	44											
85	Kushiera 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 GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	59	60	60											
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	194	198	210	210		132	ST under maint.								
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	73	79	80	80											
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	149	149	150	150											
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	17	18	19	19											
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 (CIPP, REB)	3x9.34	25	25	16	16	24	24											
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	310	310	310											
96	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.								
Sylhet Zone Total				1944	1899	1150	1230	1250	1250	0	592									
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	330	388	410	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	99	99	99	99											
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	30	90	90											
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	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	933	937	291	292											
Khulna Zone Total				2328	2314	1386	1494	1160	1518	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	32	50	110											
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	21	32	30	33											
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	84	83	80	83		111	GT2 shutdown								
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	90	89	95	95											
Payra 1320 MW						300	301	0	0											
Barishal Zone Total				472	462	495	537	255	351	0	111									
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	60	60	71		Gas Shortage								
	b) Baghabari 100 MW GTTP	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	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	40	40	50	50											
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	50	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	192	186	200	200	34		Gas Shortage								
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	190	210	210	210	10		Gas Shortage								
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	406	403	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	10	10	10	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	109	113	113											
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	47	113	113											
Rajshahi Zone Total				2193	2183	866	1083	1573	1761	425	0									
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage								
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage								
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	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	113	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	0.7	0	8	0											
Rangpur Zone Total				685	605	151	263	271	303	170	0									
Sub-total: Plants in operation				19580	19057	9442.0	10788	12340	14072	1275	2306									
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9039	10327	11813	13470											
(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	9442.0	10788	12340	14072	1275	2306									
(C) Actual data of 19.05.20 (Yesterday) Tuesday :																				
01.	Max. Demand (Generation end)	:	10788.00	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)	:	10327.00	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)	:	11508.00	MW, at =	1:00 hrs	Dhaka	3446	3446	0	Mymensingh	1002	1002	0							
04.	Minimum Generation (Generation end)	:	9041.22	MW, at =	7:00 hrs	Chattogram	703	703	0	Sylhet	519	519	0							
05.	Day-peak Generation (Generation end)	:	9442.00	MW, at =	12:00 hrs	Khulna	1271	1271	0	Barishal	320	320	0							
06.	Evening-peak Generation (Generation end)	:	10788.00	MW, at =	21:00 hrs	Rajshahi	1238	1238	0	Rangpur	757	757	0							
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs P	Cumilla	1071	1071	0											
08.	Actual Minimum Generation up to 8:00 hrs.	:	6732.60	MW, at =	5:00 hrs am															
09.	Generation shortfall at evening peak due to :	:																		
	a) Gas limitation	:	875	MW		13. Fuel cost :				Total										
	d) Coal supply Limitation	:	170	MW		(a) Gas =	159627019	Taka	(c) Coal =	49297472	Taka									
	b) Low water level in Kapit lake	:	230	MW		(b) Oil =	475161451	Taka	Total =	684085942	Taka									
	c) Plants under shut down/ maintenance	:	2306	MW																
10.	Total Energy (Generation + India Import)	:	234.17	MKWh		14. Maximum Temperature in Dhaka was :				34.5° C										
	By Gas = 133.632 MKWH			By Oil =	63.794 MKWh	15. Export through East-West interconnections :														
	By Coal = 10.370 MKWH			By Hydro =	0.748 MKWh	At evening peak-hour				: -395 MW, at 21:00 hrs PM										
	By Solar= 0.149 MKWH					Maximum				: -444 MW, at 20:00 hrs										
						Energy				: 2.4635 MKWh										
11.	Total Gas Supplied	:	1199.11	MMCFD																
(D) Forecast of 20.05.20 (Today) Wednesday :																				
01.	Maximum Demand	:	8500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)									
02.	Maximum Generation	:	14072	MW	(Generation end)	05.	Total Generation	:	172.96	MKWh										
03.	Maximum Shortage	:	-5572	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.8° C											
* Captive Power ** Imported Power																				
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00																				
(Faouzi Islam Shaker) Deputy Secretary, Generation																				