



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month May, 2020				Day : Thursday				Date : 28.05.20					
Probable Maximum Demand : 9500 MW				Probable Maximum Generation : 14445 MW				Rule Curve = 76.80 ft.					
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 75.55 ft				Today = 76.18 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.05.20 (Yesterday)		28.05.20 (Today)		27.05.20 (Yesterday)		28.05.20 (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	0	150	150	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	0	60	108	108				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	356	294	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	320	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	353	336	412	412				
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	80	100	200		130		Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	230	200	230			105	was under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	32	50	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	130	300	300				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	50	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	30	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	50	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	50	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	28	28	48	49				
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	20	20	33	33				
23	Ruganaj 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	15	15	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	100	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	35	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	300	300	0	0	100	300				
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100				
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	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	1357	1921	3644	4549	313	995		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	63	30	30	30		200		Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	100	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	0.1	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	9.5	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	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	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	50	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	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	20	22	22				
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			8	38	20	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)				30	100	100	100				
Chattogram Zone Total				2226	2166	392.6	545	1312	1411	200	405		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	120	100	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	40	42	42				
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	201	183	225	225				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	40	200	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	320	260	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	6	56	55	55				
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	55	55				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	43	50	51				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	8	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	50	0	50			113	was 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	10	11	11				
69	Jengalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	0	33	33	33				
70	Jengalia 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	18	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	0	114	114				
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	0	113	113				
**	Impoort (Tripura)	India		160	160	54	100	154	172.6				
Cumilla Zone Total				3040	2980	719	970	1816	2445.6	263	113		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	132	130	202	202				
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	6	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	111	115	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	0	170	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	1.6	0				
Mymensingh Zone Total				645	637	149.9	247	605.6	634				

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.05.20 (Yesterday)		28.05.20 (Today)		27.05.20 (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	56	88	88	88						
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	30	30	30		60	GT-4 Under maint.			
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	0	47	51	51						
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	50	44	44						
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	20	130	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	33	40	66	66						
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	194	184	210	210		146	ST under maint.			
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	1	76	80	80						
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	120	70	100	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 (CIIP, REB)	3x9.34	25	25	0	24	24	24						
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	0	0						
96	Bibyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.			
Sylhet Zone Total				1944	1899	446	778	895	947	0	606				
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	325	330	340	410						
99	Fardpur 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	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	28	99	99						
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100						
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40						
105	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105						
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	50	100	105						
**	Bheramara (HVDC)	India		1000	1000	285	795	412	808						
Khulna Zone Total				2328	2314	610	1203	1091	2044	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	110	50	110						
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	5	28	30	33						
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	0	0		134	GT2 shutdown			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	86	95	95						
Payra 1320 MW						0	0	0	0						
Barishal Zone Total				472	462	65	284	175	268	0	134				
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	70	70	70	1		Gas Shortage			
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	70	60	70	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	124	153	200	200	67		Gas Shortage			
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	82	169	210	210	51		Gas Shortage			
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	340	367	410	410						
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	18	20	20						
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	8	10	10						
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	0	5	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	546	860	1519	1843	359	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 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	50	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	149	150	208	303	170	0				
Sub-total: Plants in operation				19580	19057	4434.5	6958	11266	14445	1305	2253				
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss															
						4078	6399	10361	13284						
(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	4434.5	6958	11266	14445	1305	2253				
(C) Actual data of 27.05.20 (Yesterday) Wednesday :															
01.	Max. Demand (Generation end)	:	6958.00	MW,	at =	20:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	6399.00	MW,	at =	20:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	6958.00	MW,	at =	20:00 hrs	Dhaka	2061	2061	0	Mymensingh	464	464	0	
04.	Minimum Generation (Generation end)	:	3235.90	MW,	at =	8:00 hrs	Chattogram	821	821	0	Sylhet	286	286	0	
05.	Day-peak Generation (Generation end)	:	4434.50	MW,	at =	12:00 hrs	Khulna	736	736	0	Barishal	245	245	0	
06.	Evening-peak Generation (Generation end)	:	6958.00	MW,	at =	20:00 hrs	Rajshahi	656	656	0	Rangpur	495	495	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	20:00 hrs	Cumilla	635	635	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	4366.70	MW,	at =	5:00 hrs									
09.	Generation shortfall at evening peak due to :	:										Total	6399	6399	0
a)	Gas limitation	:	935	MW											
d)	Coal supply Limitation	:	170	MW											
b)	Low water level in Kaptai lake	:	200	MW											
c)	Plants under shut down/ maintenance	:	2253	MW											
10.	Total Energy (Generation + India Import)	:	122.89	MKWh											
	By Gas = 93.585 MKWh			By Oil =	10.413	MKWh									
	By Coal = 3.663 MKWh			By Hydro =	0.738	MKWh									
	By Solar = 0.110 MKWh														
11.	Total Gas Supplied	:	875.35	MKWh											
(D) Forecast of 28.05.20 (Today) Thursday :															
01.	Maximum Demand	:	9500	MW	(Generation end)	04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	:	14445	MW	(Generation end)	05. Total Generation : 167.78 MKWh									
03.	Maximum Shortage	:	-4945	MW	(Generation end)	06. Probable Max. Temperature in Dhaka : 33.5° C									

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation