



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month January, 2020			Day : Wednesday				Date : 08.01.20						
Probable Maximum Demand : 8600 MW			Probable Maximum Generation : 14500 MW				Rule Curve = 101.86 ft.						
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 95.74 ft.		Today = 95.74 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.01.20 (Yesterday)		08.01.20 (Today)		07.01.20 (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
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	34	34	35	35		51	Unit-1 Under Maint.	20.01.20
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			On Test	
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	129	150	180	180				
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage	
2	Ghorasal 365 MW CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	335	306	360	360				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0				
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 CCP(HPL)	Gas (IPP)	1x235+1x125	360	360	320	332	360	360				
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	450	450	450				
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage	
10	Haripur 412 MW CCP	Gas (EGCB)	1x273+1x139	412	412	351	335	360	360				
11	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirgonj 335 MW CCP	Gas (EGCB)	1 x 217+1x118	335	335	305	355	335	335				
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	100	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	15	30	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	50	102	102	102				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	22	22				
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	32	56	57	57				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	20	20	33	33				
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	31	31	33	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	34	17	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149				
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	12	50	50				
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	16	0	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	100	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300				
32	Bramhanganj 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	Nabaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	17	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	72	72				
Dhaka Zone Total			6047	5811	2057	2430	3669	4318	660	51			
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	45	45	45	46	185		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120				
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Under Maint.	13.01.20
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	13.4	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	14	50	50				
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	139	130	150				
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	202	201	210	215				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	150	230	300				
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	60	100	100				
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	80	100				
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	13	16	21	21				
**	Malancha, Ctg,EP2 (United)	Gas	5x8.73+3x9.34			6	25	10	20				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	50	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				
Chattogram Zone Total			2226	2166	541.4	770	1405	1616	185	180			
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	110	100	100	25		Gas Shortage	
	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	37	40	40	40				
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	196	186	225	225				
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	295	305	360	360				
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	375	305	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	0	0	0	0				
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	55	65	55	55				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	12	43	43	43				
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 CCP	Gas (PDB)	1X106+1x57	163	163	74	89	90	90				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	150	200				
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	7	33	33	33				
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50				
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	13	14	14				
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	0	114				
74	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	0	45	113	113				
**	Impoprt (Tripura)	India		160	160	80	106	92	107				
Cumilla Zone Total			3040	2980	1240	1370	1808	2337	288	0			
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	133	107	150	150				
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	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	0	50	100	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	0	100	200				
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.2	0	1.6	0				
Mymensingh Zone Total			645	637	155.2	274	468.6	582	0	0			

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.01.20 (Yesterday)		08.01.20 (Today)		07.01.20 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
82	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	50	50	50	50				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	7	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	47	44	44				
85	Kushihara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SI/PP, REB)	4x2.90	11	11	0	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	45	69	66	66				
88	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	152	147	150	160				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	5	73	73	73				
90	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	0	0	0	0	142	Under Overhauling	31.01.20	
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	16	16	16				
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 (CI/PP, REB)	3x9.34	25	25	0	24	24	24				
95	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	290	341	341				
96	Bibiyan-II 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	229	227	230	230				
Sylhet Zone Total				1944	1899	1031	1240	1289	1299	0	142		
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CAPP	Gas (NWP/CGCL)	1 x 278+1 x 132	410	410	0	0	0	0				
99	Fairdur 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 CAPP	HSD (NWP/CGCL)	1 x 150+1x75	230	230	0	0	0	200				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	115	60	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	80	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	24	40	40				
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105				
106	Madhumati 100 MW PP	HFO (NWP/CGCL)	6x18.415	105	105	15	67	36	100				
**	Bheramara (HVDC)	India		1000	1000	307	647	310	655				
Khulna Zone Total				2328	2314	394	853	606	1462	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	16	64	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	20	20	20				
110	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	0	74	120	190				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	82	97	95	95				
Barishal Zone Total				472	462	51	255	305	445	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	70	70	70	1	Gas Shortage		
112	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	50				
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	45				
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	32	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100				
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	38				
121	Sirajgonj 225MW CAPP Unit-1	Gas (NWP/CGCL)	1x150+1x75	210	210	214	178	210	210				
122	Sirajgonj 225MW CAPP Unit-2	Gas (NWP/CGCL)	1x150 + 1x75	220	220	165	186	220	220	220	Gas Shortage		
123	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/CGCL)	1x141+1x79	220	220	180	203	220	220				
124	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	410	382	400	430				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	10	10				
127	Ullapara 11 MW PP (Summit)	Gas (SI/PP, REB)	4x2.90	11	11	10	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	70	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113				
Rajshahi Zone Total				2193	2183	1006	1159	1738	2034	321	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	10.01.20	
131	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Shutdown for Low Demand		
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	160	160	260	260				
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x2*3	113	113	0	73	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	2.4	0	8	0				
Rangpur Zone Total				685	605	162	233	381	407	0	170		
Sub-total: Plants in operation				19580	19057	6668.0	8584	11670	14500	1454	543		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6324	7974	11067	13752				
(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	6668.0	8584	11670	14500	1454	543		
(C) Actual data of 07.01.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	8584.00	MW, at = 19:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	7974.00	MW, at = 19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	8584.00	MW, at = 19:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	5125.00	MW, at = 5:00 hrs	Dhaka	2856	2856	0	Mymensingh	661	661	0	
05.	Day-peak Generation (Generation end)	:	6668.00	MW, at = 12:00 hrs	Chattogram	910	910	0	Sylhet	319	319	0	
06.	Evening-peak Generation (Generation end)	:	8584.00	MW, at = 19:00 hrs	Khulna	1041	1041	0	Barishal	235	235	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs P	Rajshahi	1041	1041	0	Rangpur	235	235	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	5183.00	MW, at = 5:00 hrs am	Cumilla	676	676	0					
09.	Generation shortfall at evening peak due to :	:							Total	7974	7974	0	
a)	Gas limitation	:	1269	MW	13.	Fuel cost :	(a) Gas = 128146796 Taka	(c) Coal = 16016031 Taka					
d)	Coal supply Limitation	:	0	MW		(b) Oil = 63165156 Taka	Total = 144162827 Taka						
b)	Low water level in Kaptai lake	:	185	MW									
c)	Plants under shut down/ maintenance	:	543	MW	14.	Maximum Temperature in Dhaka was :	18.6° C						
10.	Total Energy (Generation + India Import)	:	159.22	MKWh	15.	Export through East-West interconnections :							
	By Gas = 137.319 MKWh			By Oil = 6.882 MKWh		At evening peak-hour	: -392 MW, at 19:00 hrs PM						
	By Coal = 3.916 MKWh			By Hydro = 1.064 MKWh		Maximum	: -492 MW, at 8:00 hrs						
	By Solar= 0.166 MKWh					Energy	: 5.8125 MKWh						
11.	Total Gas Supplied	:	1090.57	MMCFD									
(D) Forecast of 08.01.20 (Today) Wednesday :													
01.	Maximum Demand	:	8600	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	14500	MW (Generation end)	05.	Total Generation	:	159.51	MKWh				
03.	Maximum Shortage	:	-5900	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	24.5° C					

* Captive Power ** Imported Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation