



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month January, 2020			Day : Tuesday				Date : 07.01.20							
Probable Maximum Demand :			8600 MW				Probable Maximum Generation : 14392 MW							
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 95.74 ft				Today = 95.74 ft				Rule Curve = 101.86 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.01.20 (Yesterday)		07.01.20 (Today)		06.01.20 (Yesterday)		07.01.20 (Today)		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)				
(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	0	220	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	324	320	360	360					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	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	287	307	360	360					
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	400	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	344	346	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	250	305	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	15	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	48	15	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	102	102	102	102					
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22					
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	53	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	33	33	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	52	52	100	100					
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	0	149	149					
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	18	50	50					
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	17	53	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	30	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	Bramhangao 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	0	35	55	55					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	72	72					
Dhaka Zone Total				6047	5811	1972	2450	3669	4318	660	51			
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	45	46	45	46	184			Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	115	110	110					
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Under Maint.	08.01.20
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.32	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	19.56	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	15	50	50					
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	34	105	105					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	142	140	130	150					
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	206	204	210	215					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	16	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	50	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	16	16	21	21					
**	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	21	10	20					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	50	100					
53	Sikalbaha 54 MW Power Plant(Jodioc 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	565.88	791	1395	1606	184	180			
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	100	100	100	35			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	10	40	40	40					
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	171	190	225	225					
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	330	325	360	360					
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	290	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	8	55	55	55					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	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	30	75	50	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	8	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	5	14	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	29	0	0					
**	Impoprt (Tripura)	India		160	160	78	104	92	107					
Cumilla Zone Total				3040	2980	1054	1343	1655	2224	298	0			
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	150	132	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	8	100	115					

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.01.20 (Yesterday)		07.01.20 (Today)		06.01.20 (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	30	60	60	60				
82	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	50	50	60	60				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	50	44	44				
85	Kushiyara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	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	70	66	66				
88	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	151	149	150	160				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	20	79	75	79				
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	17	17	17				
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	320	315	341	341				
96	Bibiyan-II 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	228	230	230	230				
Sylhet Zone Total				1944	1899	1034	1248	1302	1316	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,GC)	1 x 278+1 x 132	410	410	170	170	0	0				
99	Fairdipor 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulna 225 MW CAPP	HSD (NWP,GC)	1 x 150+1x75	230	230	0	0	0	200				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	83	0	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	0	0	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,GC)	6x18.415	105	105	32	85	33	100				
**	Bheramara (HVDC)	India		1000	1000	313	647	310	655				
Khulna Zone Total				2328	2314	515	985	543	1460	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	64	80	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	20	20	20				
110	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	0	0	175	190				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	82	97	95	95				
Barishal Zone Total				472	462	158	197	360	445	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	60	0	70	70	71	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	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	12	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,GC)	1x150+1x75	210	210	162	165	210	210				
122	Sirajgonj 225MW CAPP Unit-2	Gas (NWP,GC)	1x150 + 1x75	220	220	175	161	220	220	220	Gas Shortage		
123	Sirajgonj 225MW CAPP Unit-3	Gas (NWP,GC)	1x141+1x79	220	220	167	163	220	220				
124	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	371	385	400	430				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	22	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	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	108	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	945	1032	1738	2034	391	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	10.01.20	
	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	200	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	72	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	1.1	0	8	0				
Rangpur Zone Total				685	605	161	272	381	407	0	170		
Sub-total: Plants in operation				19580	19057	6578.5	8575	11512	14392	1533	543		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6252	7979	10940	13677				
(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	6578.5	8575	11512	14392	1533	543		
(C) Actual data of 06.01.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8575.00	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)	:	7979.00	MW, at = 19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	8575.00	MW, at = 19:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	5117.00	MW, at = 5:00 hrs	Dhaka	2929	2929	0	Mymensingh	663	663	0	
05.	Day-peak Generation (Generation end)	:	6578.48	MW, at = 12:00 hrs	Chattogram	905	905	0	Sylhet	307	307	0	
06.	Evening-peak Generation (Generation end)	:	8575.00	MW, at = 19:00 hrs	Khulna	1014	1014	0	Barishal	233	233	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs P	Rajshahi	1014	1014	0	Rangpur	233	233	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	5125.00	MW, at = 5:00 hrs am	Cumilla	681	681	0					
09.	Generation shortfall at evening peak due to :	:							Total	7979	7979	0	
	a) Gas limitation	:	1349	MW	13.	Fuel cost :	(a) Gas = 126775326 Taka	(c) Coal = 17239759 Taka					
	d) Coal supply Limitation	:	0	MW		(b) Oil = 79059544 Taka	Total = 144015085 Taka						
	b) Low water level in Kaptai lake	:	184	MW									
	c) Plants under shut down/ maintenance	:	543	MW	14.	Maximum Temperature in Dhaka was :	22.6° C						
10.	Total Energy (Generation + India Import)	:	160.61	MKWh	15.	Export through East-West interconnections :							
	By Gas = 136.670 MKWh			By Oil = 8.604 MKWh		At evening peak-hour	: -322	MW, at 19:00 hrs PM					
	By Coal = 4.215 MKWh			By Hydro = 1.074 MKWh		Maximum	: -434	MW, at 24:00					
	By Solar= 0.153 MKWh					Energy	: 4.035	MKWh					
11.	Total Gas Supplied	:	1077.61	MMCFD									
(D) Forecast of 07.01.20 (Today) Tuesday :													
01.	Maximum Demand	:	8600	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	14392	MW (Generation end)	05.	Total Generation	:	161.07	MKWh				
03.	Maximum Shortage	:	-5792	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	22.5° C					

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

(MONIRUZAMMAN)
Deputy Secretary, Generation