



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel.: 9584667, 9551095

Month January, 2020				Day : Tuesday				Date : 14.01.20				
Probable Maximum Demand : 8900 MW				Probable Maximum Generation : 14466 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 95.40 ft				Today = 95.32 ft				
				Rule Curve = 100.53 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.01.20 (Yesterday)		14.01.20 (Today)		13.01.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)		
											Day	Evening
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	34	64	64	64	21	Unit-1 Under Maint.	20.01.20
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		On Test	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	310	340	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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	371	267	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	450	225	225			
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	298	318	360			
11	Siddhirganj 2'120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	97	0	0	113	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	360	330	335	335			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	50	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0			
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	20	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	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	5	74	100	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	47	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	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	0	34	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149			
27	Kalpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	46	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	0	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	Bramhangaoan 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	0	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	55	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	71	71			
Dhaka Zone Total				6047	5811	1647	2433	3248	3941	563	21	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	40	40	190	Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	110	110	110			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	60	100	100	120	Was Under Maint.	
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	1.13	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	5.87	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	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	135	134	130	150			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	201	202	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	16	141	230	300			
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
48	Juldah 100 MW PP Unit-3 (Acom)	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	19	19	21	21			
*	Malancha, Cig.EPZ (United)	Gas	5x8.73+3x9.34			4	26	10	20			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	30	50	100			
53	Sikalbaha 54 MW Power Plant(Jodiari 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	532	862	1495	1700	190	120	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	125	125	135	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	120	135	100	100	-1	Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	30	43	40	40			
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1'75	221	221	181	189	225	225			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	235	0	250	360			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	325	345	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	158	194	55	55			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	45	43	43			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	50	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	80	90	90	90			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200			
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	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	8	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	18	0	114			
74	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	0	18	113	113			
**	Impoport (Tripura)	India		160	160	82	104	84	104			
Cumilla Zone Total				3040	2980	1325	1311	1665	2459	263	0	
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	163	109	150	150			
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	95	95	95			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	32	115	115			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	0	100	200			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	1.6	0			
Mymensingh Zone Total				645	637	191.9	258	483.6	582	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.01.20 (Yesterday)		14.01.20 (Today)		13.01.20 (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	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	40	40	40	40			
82	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	66	66	66	66			
83	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	44	53	51	51			
84	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	44	44	44			
85	Kushlari	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163			
86	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11			
87	Shahjibazar	GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	69	67	66	66			
88	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	291	305	300	330			
89	Shahjibazar	86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	60	76	76	76			
90	Sylhet	150 MW CCPP	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	16	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	9	10	10	10			
94	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	24	24			
95	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	320	341	341			
96	Bibiyan-II	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	229	229	230	230			
Sylhet Zone Total					1944	1899	1363	1425	1439	1469	0	142	
97	Bheramara	GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40			
98	Bheramara	410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410	Under Maint.	30.01.2020
99	Fairdipor	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	36			
100	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	6	30	70			
101	Khulna	225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	200			
102	Khulna	115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	32	60	115			
103	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	80	100			
104	Noapara	40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	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 (NWPGL)	6x18.415	105	105	0	50	36	100			
**	Bheramara	(HVDC)	India		1000	1000	316	658	318	663			
Khulna Zone Total					2328	2314	316	786	614	1469	0	410	
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	70	110			
109	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	20	20	20			
110	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	176	208	175	210			
111	Bhola	95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	37	0	95	95			
Barishal Zone Total					472	462	226	260	360	465	0	0	
112	a)	Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	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	50	50	50			
117	Chapainawabganj	100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100			
118	Katahal	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40			
119	Katahal	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 CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	205	200	210	210			
122	Sirajgonj	225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	207	200	220	220			
123	Sirajgonj	225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	219	205	220	220			
124	Sirajgonj	400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	402	434	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 (SIPP, REB)	4x2.90	11	11	11	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	1141	1267	1738	2034	101	0	
131	a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	20.01.20
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	150	150	200	200			
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*16x 2*3	113	113	0	75	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	1.4	0	8	0			
Rangpur Zone Total					685	605	151	225	321	347	0	170	
Sub-total: Plants in operation					19580	19057	6893.3	8827	11364	14466	1117	863	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6486	8075	10693	13612			
(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	6893.3	8827	11364	14466	1117	863	
(C) Actual data of 13.01.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8827.00	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)	:	8075.00	MW, at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8827.00	MW, at =	19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5029.00	MW, at =	5:00 hrs	Dhaka	2970	2970	0	Myersingh	662	662	0
05.	Day-peak Generation (Generation end)	:	6893.30	MW, at =	09:00 hrs	Chattogram	913	913	0	Sylhet	316	316	0
06.	Evening-peak Generation (Generation end)	:	8827.00	MW, at =	19:00 hrs	Khulna	1025	1025	0	Barishal	228	228	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs P	Rajshahi	1025	1025	0	Rangpur	228	228	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5219.00	MW, at =	5:00 hrs am	Cumilla	708	708	0				
09.	Generation shortfall at evening peak due to :	:								Total	8075	8075	0
	a) Gas limitation	:	927	MW		13.	Fuel cost :	(a) Gas = 132027255 Taka	(c) Coal = 14975535 Taka				
	d) Coal supply Limitation	:	0	MW				(b) Oil = 62479559 Taka	Total = 147002790 Taka				
	b) Low water level in Kaptai lake	:	190	MW									
	c) Plants under shut down/ maintenance	:	863	MW		14.	Maximum Temperature in Dhaka was :	23.6° C					
10.	Total Energy (Generation + India Import)	:	162.38	MKWh		15.	Export through East-West interconnections :						
	By Gas = 139.612 MKWh			By Oil = 6.859 MKWh			At evening peak-hour	:	-442	MW, at	19:00 hrs PM		
	By Coal = 4.766 MKWh			By Hydro = 0.907 MKWh			Maximum	:	-446	MW, at	18:30 hrs		
	By Solar= 0.133 MKWh						Energy	:	4.0795	MKWh			
11.	Total Gas Supplied	:	1124.04	MMCFD									
(D) Forecast of 14.01.20 (Today) Tuesday :													
01.	Maximum Demand	:	8900	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14466	MW	(Generation end)	05.	Total Generation	:	163.73	MKWh			
03.	Maximum Shortage	:	-5566	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	25.4° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation