



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9584667, 9551095

Month January, 2020				Day : Thursday				Date : 16.01.20					
Probable Maximum Demand : 8800 MW				Probable Maximum Generation : 14821 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 95.25 ft		Today = 95.18 ft		Rule Curve = 100.15 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.01.20 (Yesterday)		16.01.20 (Today)		15.01.20 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
													Day
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	71	71	71	71				
	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	100	100	100	150			Gas Shortage	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190			
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	290	310	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	310	233	360	360				
8	Meghnaghat 450 MW CCPP(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	Gas Shortage		
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	346	250	360	360				
11	Siddhirganj 2'120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage		
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	280	225	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	60	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	54	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	0	102	100	102				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22				
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	43	55	57	57				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	22	22	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	2	0	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	48	50	50				
28	Kamalaghat 54 MW PP (Barcoo 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	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	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	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	0	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	1897	2273	3622	4323	660	0		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	43	43	40	40	187	Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	0	0	0	180	Gas Shortage		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	100	120	120	120				
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	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	6.3	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	47	50	50				
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	17	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	105	140	130	150				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	183	203	215	215				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	134	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	90	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			6	24	10	20				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	20	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	563.3	857	1405	1610	367	0		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	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	80	100	100	100				
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	37	40	40	43				
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1'75	221	221	180	183	225	225				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	360	275	250	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	390	310	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	45	8	55	160				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	39	45	43	45				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	30	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	50	50	50	50				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	17	0	200				
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	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	10	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	17	0	114				
74	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	0	106	113	113				
**	Impoort (Tripura)	India		160	160	86	108	89	135				
Cumilla Zone Total				3040	2980	1340	1369	1505	2435	264	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	110	105	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	28	95	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	0	0				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	30	100	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.2	0	1.6	0				
Mymensingh Zone Total				645	637	158.2	252	368.6	467	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.01.20 (Yesterday)		16.01.20 (Today)		15.01.20 (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
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	38	40	40				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	66	66	66	66				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	53	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	47	44	44				
85	Kushlari 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	68	55	66	66				
88	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	301	152	300	330				
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	5	77	76	76				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	98	97	150	150			on test	
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	16	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	10	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	24	24	24	24				
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	265	341	341				
96	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	229	227	230	230				
Sylhet Zone Total				1944	1899	1445	1301	1589	1619	0	0		
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maint.	30.01.2020
99	Fardipur 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	0	30	70				
101	Khulna 225 MW CCGP	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	115	115	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	16	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	0	36	100				
**	Bheramara (HVDC)	India		1000	1000	317	638	320	665				
Khulna Zone Total				2328	2314	317	769	671	1471	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	0	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	20	20	20				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	209	201	175	210				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	44	95	95				
	Payra 1320 MW					0	332	0	0				
Barishal Zone Total				472	462	222	597	360	465	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	70	70	70				
	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	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 CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	210	210				
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	179	196	220	220				
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	187	169	220	220				
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	383	402	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 (SIIP, 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	109	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	857	1034	1738	2034	100	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	20.01.20
	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	221	250	200	250				
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	60	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	2.5	0	8	0				
Rangpur Zone Total				685	605	224	310	321	397	0	170		
Sub-total: Plants in operation				19580	19057	7023.0	8762	11580	14821	1391	580		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6653	8083	10969	14040				
(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	7023.0	8762	11580	14821	1391	580		
(C) Actual data of 15.01.20 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	8762.00	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)	:	8083.00	MW,	at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	8762.00	MW,	at =	19:00 hrs	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5294.00	MW,	at =	5:00 hrs	Dhaka	2905	2905	0	Mymensingh	674	674
05.	Day-peak Generation (Generation end)	:	7023.00	MW,	at =	09:00 hrs	Chattogram	934	934	0	Sylhet	317	317
06.	Evening-peak Generation (Generation end)	:	8762.00	MW,	at =	19:00 hrs	Khulna	1026	1026	0	Barishal	242	242
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Rajshahi	1026	1026	0	Rangpur	242	242
08.	Actual Minimum Generation up to 8:00 hrs.	:	5284.00	MW,	at =	5:00 hrs am	Cumilla	717	717	0			
09.	Generation shortfall at evening peak due to :	:									Total	8083	8083
	a) Gas limitation	:	1204	MW			13.	Fuel cost :	(a) Gas = 130773714 Taka	(c) Coal = 21534259 Taka			
	d) Coal supply Limitation	:	0	MW				(b) Oil = 57648496 Taka	Total = 152307973 Taka				
	b) Low water level in Kaptai lake	:	187	MW									
	c) Plants under shut down/ maintenance	:	580	MW			14.	Maximum Temperature in Dhaka was :	24° C				
10.	Total Energy (Generation + India Import)	:	166.43	MKWh			15.	Export through East-West interconnections :					
	By Gas = 137.705 MKWH			By Oil = 6.949 MKWh				At evening peak-hour	-244	MW,	at	19:00 hrs PM	
	By Coal = 10.840 MKWH			By Hydro = 0.932 MKWh				Maximum	-450	MW,	at	9:00 hrs	
	By Solar= 0.185 MKWH							Energy	3.623	MKWh			
11.	Total Gas Supplied	:	1108.61	MMCFD									
(D) Forecast of 16.01.20 (Today) Thursday :													
01.	Maximum Demand	:	8800	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	14821	MW	(Generation end)		05.	Total Generation	:	167.15	MKWh		
03.	Maximum Shortage	:	-6021	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	26.9° C			
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Fazul Islam Shaker) Deputy Secretary, Generation													