

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month January, 2021				Day : Saturday				Date : 16.01.21				
Probable Maximum Demand : 9200 MW				Probable Maximum Generation : 13221 MW				Rule Curve = 100.15 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 97.29 ft.				Today = 97.23 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.01.21 (Yesterday)		16.01.21 (Today)		15.01.21 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0		85	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	250	250	200	200			
	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	300	300	300	300			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	28	110	110	80		Gas Shortage
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20		Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	270	274	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450		Under maint.
9	210 MW Siddhirgonj 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	355	375	412	412			
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335		Under maint.
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	7	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0	305		Gas Shortage
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	16	7	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	30	64	80	80			
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	73	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	16	100	100			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	26	22	22	22			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+1x8.73	80	80	32	53	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	20	25	25			
23	Rupganj 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	17	0	105	105			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50			
28	Kamalaghat 54 MW PP (Banos Energy)	HFO (IPP)	3x18.69	54	54	17	17	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	170	288	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	50	32	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100			
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	17	35	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	35	37			
36	Bosila 108MW PP(ELC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	53	64	70	70			
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	144	162	144	162			
Dhaka Zone Total				6281	6057	1847	2203	3468	3738	1248	895	
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	48	46	46	46	184		Low Water Level
40	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.
41	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	4	0	5	0			
42	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	0	25			
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	15	0	20	0			
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	25	50	50	50			
45	Sikalbaha 105 MW PP (Baraka Sike)	HFO (IPP)	6x18.415	105	105	0	0	0	100			
46	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Gas Shortage
47	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Gas Shortage
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	66	136	300	300			
49	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
50	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	10	70	100	100			
51	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	17	102	102			
52	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
53	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	15	15	15	15			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			35	35	10	25			
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	90	90			
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54			
56	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
57	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	90	100	100	100			
	Anlima Energy Ltd.	HFO (IPP)				0	0	0	0			
Chattogram Zone Total				2326	2266	362	523	1102	1217	739	180	
58	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	0	0	0	0	134		Gas Shortage
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	0	0	0	0			
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	170	193	225	225			
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	250	250	360	360			
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	270	260	360	360			
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0	55		Gas shortage
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187		Gas shortage
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	7	7	51	51			
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	73	77	150	150			
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0			
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	22	50	200	200			
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	21	21			
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11			
72	Jargalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	32	33	33	33			
73	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	43	43			
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	20	22			
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114			
77	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	31	55	113	113			
**	Impoort (Tijura)	India		160	160	70	98	134	146			
Cumilla Zone Total				3040	2980	980	1081	1843	2107	640	0	
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	105	119	150	120	83		Gas Shortage
79	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	22	22			
80	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	48	95	95			
81	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	8	0	115	115			
82	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	140	200	200	200			
83	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
84	Sutiaikhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	33	0	50	0			
85	Tangail 22 MW PP(PPGL)	HFO (IPP)	4x6.7	22	22	14	25	22	22			
Mymensingh Zone Total												

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.01.21 (Yesterday)		16.01.21 (Today)		15.01.21 (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)							
86	Fenchugonj	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	0	0	0	0								
87	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43								
88	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	48	50	51	51								
89	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44								
90	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163								
91	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11								
92	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	40	40	40								
93	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under maint.	25/01/2021					
94	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	69	70	70	70								
95	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	120	80	120	120								
96	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	0	20	20								
97	Sylhet	50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0								
98	Sylhet	10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	7	9	9	9								
99	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	8	8	8								
100	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	341	341								
101	Bibiana-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400	Gas Shortage						
		Bibiyana South 400 MW	Gas (PDB)				270	270	270	270								
		Shahjibazar 100 MW GTTP	Gas (PDB)				100	100	100	100		On Test						
		Sylhet Zone Total		2033	1988	947	861	1290	1290	400	330							
102	Bheramara	GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16								
103	Bheramara	410 MW CCPP	Gas (NWPGL)	1 x 278+ 1 x 132	410	410	330	370	370	370	40	Gas Shortage						
104	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	8	4	35	35								
105	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	70	70								
106	Khulna	225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220								
107	Khulna	115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	32	115	115	115								
108	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100								
109	Noapara	40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40								
110	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	90	90	90								
111	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100								
**	Bheramara (HVDC)	India		1000	1000	490	726	499	739									
		Khulna Zone Total		2288	2284	877	1345	1369	1895	40	0							
112	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110								
113	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	27	24	27								
114	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194	Under maint.						
115	Bhola	95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	30	55	80	80								
116	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	390	530	600	600								
		Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				34	36	50	56								
		United Payra Power Ltd.	HFO (IPP)				0	45	0	0								
		Barishal Zone Total		1676	1676	474	693	864	873	0	194							
117	a)	Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71	Gas Shortage						
	b)	Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage						
118		Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50								
119		Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200								
120		Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40								
121		Ammura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	18	0	25	25								
122		Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	105	104	104								
123		Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50								
124		Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50								
125		Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34								
126		Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210	Gas Shortage						
127		Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0	220	Gas Shortage						
128		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220	Gas Shortage						
129		Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	396	423	400	400								
130		Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22								
131		Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0								
132		Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	5	11	11								
133		Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	25	52	52								
134		Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	35	113	113	113								
135		Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	111	113	113	113								
		Rajshahi Zone Total		2193	2183	645	806	1140	1264	821	0							
136	a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage						
	b)	Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Coal Shortage						
137		Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	151	150	150								
138		Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0								
139		Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	40	107	113	113								
140		Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0								
141		Majpara, Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	0	0	8	0								
		Rangpur Zone Total		685	605	189	258	271	263	170	0							
		Sub-total: Plants in operation		21239	20748	6647.0	8182	12003	13221	4141	1599							
		Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss				6352	7819	11470	12634									
(B) Contract expired power plants																		
		Sub-Total: Plants under long term maintenance		0	0	0	0	0	0									
		Gross Total		21239	20748	6647	8182	12003	13221	4141	1599							
(C) Actual data of 15.01.21 (Yesterday) Friday :																		
01.	Max. Demand (Generation end) :			8182.00	MW,	at =	20:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end) :			7819.00	MW,	at =	20:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed			
03.	Highest Generation (Generation end) :			8182.00	MW,	at =	20:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW			
04.	Minimum Generation (Generation end) :			5857.00	MW,	at =	5:00 hrs	Dhaka	2422	2422	0	Mymensingh	746	746	0			
05.	Day-peak Generation (Generation end) :			6647.00	MW,	at =	12:00 hrs	Chattogram	892	892	0	Sylhet	311	311	0			
06.	Evening-peak Generation (Generation end) :			8182.00	MW,	at =	20:00 hrs	Khulna	1028	1028	0	Barishal	233	233	0			
07.	Evening Peak Load-shed (Sub-station end) :			0.00	MW,	at =	20:00 hrs	Rajshahi	889	889	0	Rangpur	583	583	0			
08.	Actual Minimum Generation up to 8:00 hrs. :			5310.00	MW,	at =	7:00 hrs	Cumilla	715	715	0							
09.	Generation shortfall at evening peak due to :											Total	7819	7819	0			
	a)	Gas limitation		3787	MW							(a) Gas =	95904781	Taka	(c) Coal =	69453426	Taka	
	d)	Coal supply Limitation		170	MW							(b) Oil =	253486791	Taka	Total =	418844998	Taka	
	b)	Low water level in Kaptai lake		184	MW													
	c)	Plants under shut down/ maintenance		1599	MW													
10.	Total Energy (Generation + India Import) :			162.69	MKWh													
		By Gas =	94.537	MKWh														
		By Coal =	14.961	MKWh														
		By Solar =	0.337	MKWh														
11.	Total Gas Supplied :			740.54	MMCFD													
(D) Forecast of 16.01.21 (Today) Saturday :																		
01.	Maximum Demand :			9200	MW							04.	Maximum Load-shed :			0	MW	At evening peak (Sub-station end)
02.	Maximum Generation :			13221	MW							05.	Total Generation :			182.93	MKWh	
03.	Maximum Shortage :			-4021	MW							06.	Probable Max. Temperature in Dhaka :			24.8° C		

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation