

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month February, 2021		Day : Thursday				Date : 11.02.21						
Probable Maximum Demand :		9600 MW		Yesterday = 94.52 ft		Probable Maximum Generation : 13897 MW		Today = 94.37 ft		Rule Curve = 95.60 ft.		
Water Level of Kaptai Lake at 06:00 AM												
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.02.21 (Yesterday)		11.02.21 (Today)		10.02.21 (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
(A) Plants in operation:												
1	a) Ghorasal Repowered CAPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
	b) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.
	c) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	190	190	190	190			
2	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	0	0	0	0		365	Under maint.
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	99	103	108	108			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0			Contract Expired
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Gas Shortage
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0		20	Gas Shortage
7	Haripur 360MW CAPP(HPL)	Gas (IPP)	1x235+1x125	360	360	303	292	360	360			
8	Meghnaghat 450 MW CAPP(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 CAPP	Gas (EGCB)	1x273+1x139	412	412	345	358	412	412			
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0		210	Gas Shortage
12	Siddhirgonj 335 MW CAPP	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	100	100	100	100			
14	Meghnaghat CAPP(Summit)	Gas (IPP)	2x110+1x110	305	305	270	240	305	305			
15	Meghnaghat 100 MW(HL)	HFO (QRPP)	12x8.9	100	100	100	24	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	100	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	60	73	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	65	56	100	102			
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x167+7x8.73	80	80	53	36	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	20	25	23	25			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Gasipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52			
25	Gasipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	46	105	105			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	40	100	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	278	292	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	132	132	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300			
32	Bramhargan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurabahi 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	35	35	35	35			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	55	55	55			
36	Bosilia 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	104	104	104	104			
38	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	126	144	144	144			
	Spectra Solar Plant Ltd.	Solar				28	0	30	0			
Dhaka Zone Total				6171	5972	2608	2650	3545	3767	785	1165	
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	70	70	70		160	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	5	0	5	0			
42	Raazari 25 MW PP	HFO (RPCL)	3x8.9	25	25	18	25	25	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	19	19	19	19			
45	Sikalbaha 105 MW PP (Baraka Siks)	HFO (IPP)	6x18.415	105	105	0	0	8	100			
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	114	120	120		36	Gas Shortage
47	Sikalbaha 225 MW CAPP	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	70	191	300	300			
49	Juldah 100 MW Unit-1 (Accom)	HFO (ORPP)	8x13.45	100	100	0	60	100	100			
50	Juldah 100 MW Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
51	Dohazari - Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	51	85	85	85			
52	Halhazari 22 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	20	20	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	20	15	20			
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	86	70	102	102			
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 (Accom)	HFO (IPP)	8x13.6	100	100	90	100	100	100			
58	Chattogram 116 MW PP (Anima Er)	HFO (IPP)	6x21.06	116	116	0	17	116	116			
Chattogram Zone Total				2442	2382	600	945	1371	1443	601	180	
59	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
60	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	0	26	26	26		19	Gas Shortage
61	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+1*75	221	221	0	0	164	164			
62	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	280	295	300	300			
63	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x361	360	360	280	330	365	365			
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	48	5	5		7	Gas Shortage
65	Ashuganj 185MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8		187	Gas shortage
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0			
67	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	0	0			
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	0			
69	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	50	46	50	50			
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	50	200	200			
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22			
72	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
73	Jangala 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
74	Jangala 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	15	19	19			
76	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14.4+1x15+1x15+1x15+1x15	200	200	0	0	0	200			
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114			
78	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	26	55	113	113			
**	Impoport (Tripura)	India		160	160	96	108	135	147			
	Bhairon 54.5 MW	HFO (IPP)				11	0	0	0			
Cumilla Zone Total				3040	2980	846	1046	1617	1879	611	0	
79	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	104	105	150	150		97	Gas Shortage
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	73	82	82			
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	65	113	115	115			
83	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	193	200	200	200			
84	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
85	Sutiakhali 50 MW Solar PP	Solar (IPP)	1x50	50	50	46	0	50				

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.02.21 (Yesterday)		11.02.21 (Today)		10.02.21 (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)		
87	Fenchugonj	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30				
88	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	22	22	22				
89	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
90	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
91	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
92	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
93	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Under maint.	
94	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	114	100	100	216		Gas Shortage	
95	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	70	74	74	74				
96	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0	231		Gas Shortage	
97	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	18	20	20				
98	Sylhet	50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
99	Sylhet	10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10				
100	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	8	16	16				
101	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	341	341				
102	Bibiyana-II	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	425	381	420	420				
	Bibiyana South	400 MW	Gas (PDB)				0	0	0	0				
	Shahjibazar	100 MW GTTP	Gas (PDB)				100	100	100	100				On Test
Sylhet Zone Total					2033	1988	1197	1300	1402	1402	447	66		
103	Bheramara	GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
104	Bheramara	410 MW CCPP	Gas (NWPGL)	1 x 278+ 1 x 132	410	410	190	170	200	410				
105	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25				
106	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	4	15	60	60				
107	Khulna	225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
108	Khulna	115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	37	115	115	115				
109	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100				
110	Noapara	40 MW PP (Kharjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
111	Rupsha	105 MW PP (Onion rupsha)	HFO (IPP)	6x18.445	105	105	92	90	95	95				
112	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000		719	775	732	924				
Khulna Zone Total					2288	2284	1042	1205	1417	2105	0	0		
113	Barsal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32	110	110				
114	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	11	19	26	26				
115	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194		Under maint.	
116	Bhola	95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	36	86	95	95				
117	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	400	520	620	620				
118	Potuaekhali	150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	150	150				
	Bhola Nutan Biddut	BD LTD	Gas/HSD (IPP)				0	0	0	0				
Barishal Zone Total					1826	1826	447	674	1001	1001	0	194		
119	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	
		Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
121	Baghabari	200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
122	Bera	70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40				
123	Ammura	50 MW PP (Sirha)	HFO (QRPP)	7x7.79	50	50	0	12	25	25				
124	Chapainawabganj	100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	102	104	104				
125	Katakhal	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	8	50	50				
126	Katakhal	50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
127	Santahar	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	18	0	34				
128	Sirajgonj	225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
129	Sirajgonj	225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
130	Sirajgonj	225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	129	140	229	229				
131	Sirajgonj	400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	387	270	400	400				
132	Bogra	22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
133	Bogra	20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0				
134	Ullapara	11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
135	Natore	52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52				
136	Bagura	113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	113	113	35	113				
137	Bagura	113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113				
Rajshahi Zone Total					2193	2183	823	911	1241	1443	381	0		
138	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	
139	Barapukuria	275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150				
140	Rangpur	20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
141	Rangpur	113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	87	80	113	113				
142	Saidpur	20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
143	Majpara	Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0				
Rangpur Zone Total					685	605	242	230	271	263	170	0		
Sub-total: Plants in operation					21395	20929	8282.0	9495	12511	13897	3092	1605		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							7892	9048	11922	13243				
(B) Contract expired power plants														
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0				
Gross Total					21395	20929	8282	9495	12511	13897	3092	1605		
(C) Actual data of 10.02.21 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end)	: 9495.00 MW, at = 19:00 hrs		12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	: 9048.00 MW, at = 19:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW			
03.	Highest Generation (Generation end)	: 9495.00 MW, at = 19:00 hrs		Dhaka	3136	3136	0	Mymensingh	838	838	0			
04.	Minimum Generation (Generation end)	: 5888.00 MW, at = 5:00 hrs		Chattogram	978	978	0	Sylhet	319	319	0			
05.	Day-peak Generation (Generation end)	: 8282.00 MW, at = 12:00 hrs		Khulna	1111	1111	0	Barishal	238	238	0			
06.	Evening-peak Generation (Generation end)	: 9495.00 MW, at = 19:00 hrs		Rajshahi	977	977	0	Rangpur	671	671	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Cumilla	780	780	0							
08.	Actual Minimum Generation up to 8:00 hrs.	: 5993.00 MW, at = 7:00 hrs						Total	9048	9048	0			
09.	Generation shortfall at evening peak due to :			13.	Fuel cost :	(a) Gas = 104969552 Taka	(c) Coal = 71908827 Taka							
	a) Gas limitation	: 2762 MW				(b) Oil = 330877822 Taka	Total = 507756201 Taka							
	d) Coal supply Limitation	: 170 MW		14.	Maximum Temperature in Dhaka was :	28.6° C								
	b) Low water level in Kaptai lake	: 160 MW		15.	Export through East-West interconnections :									
	c) Plants under shut down/ maintenance	: 1605 MW			At evening peak-hour	: -145 MW, at 19:00 hrs								
10.	Total Energy (Generation + India Import)	: 187.11 MKWh			Maximum	: -233 MW, at 20:00 hrs								
	By Gas = 98.708 MKWh	By Hydro = 51.754 MKWh			Energy	: 0.599 MKWh								
	By Coal = 15.522 MKWh	By Hydro = 1.672 MKWh												
	By Solar= 0.633 MKWh													
11.	Total Gas Supplied	: 825.68 MMCFD												
(D) Forecast of 11.02.21 (Today) Thursday :														
01.	Maximum Demand	: 9600 MW (Generation end)		04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 13897 MW (Generation end)		05.	Total Generation	: 189.18 MKWh								