

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2021		Day : Wednesday				Date : 03.03.21							
Probable Maximum Demand : 11000 MW		Yesterday = 91.19 ft		Probable Maximum Generation : 14330 MW		Rule Curve = 92.68 ft.							
Water Level of Kaptai Lake at 06:00 AM				Today = 91.04 ft.									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.03.21 (Yesterday)		03.03.21 (Today)		02.03.21 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)						
					Day	Evening	Day	Evening					
(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	180	180	180	180				
2	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	300	300	300	300				
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	12	12	12	12				
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0			Contract Expired on 08/01/2021	
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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	0	0	0	0	360	Under maint.	7/3/2021	
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	450	450	450	0			
9	210 MW Siddhirganj 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	0	17	412	412				
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	225	90	0	0	245	Under maint.		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	100	100	100	100				
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	260	255	300	300				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	26	66	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	97	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	84	100	100	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	64	102	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	55	55	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
24	Gasipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	30	52	52				
25	Gasipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	30	78	105	105				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	150	149	149				
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	2	14	50	50				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	268	300	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	133	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	55	55	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	35	35				
36	Bosila 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	64	144	144	144				
	Spectra Solar Plant Ltd.	Solar				33	0	30	0				
Dhaka Zone Total			6171	5972	2731	3064	3832	4054	335	1070			
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	Raazan 25 MW PP	HFO (RPCL)	3x8.9	25	25	23	22	25	25				
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	17	0	20	0				
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	46	50	50	50				
45	Sikalbaha 105 MW PP (Baraka Siks)	HFO (IPP)	6x18.415	105	105	0	0	50	100				
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	100	100	100	100	50	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	304	306	300	300				
49	Juldah 100 MW Unit-1 (Accom)	HFO (ORPP)	8x13.45	100	100	100	100	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	0	102	100	100				
52	Halihazari 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	15	16	16	16				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	18	10	20				
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	13	39	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	100	100	100	100				
58	Chattogram 116 MW PP (Anima Er)	HFO (IPP)	6x21.06	116	116	0	0	116	116				
Chattogram Zone Total			2442	2382	860	1077	1428	1463	615	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	10	10	10	10	35	Gas Shortage		
61	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	201	208	225	225				
62	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	260	260	300	300				
63	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	285	285	300	300				
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5	50	Gas shortage		
65	Ashuganj 185MW PP (APSCL United)	Gas (IPP)	20*9.73+1*16	195	195	0	0	0	0	195	Gas shortage		
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0	51	Gas Shortage		
67	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	0	0	150	Gas Shortage		
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	33	0	50				
69	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	136	131	140	150				
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	120	100	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	0	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	35	52	52				
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	19	20	20	20				
76	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14.45+1*15+1*16.026	200	200	0	0	0	200				
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	75	114	114				
78	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	46	76	113	113				
**	Impoort (Tripura)	India		160	160	114	128	135	147				
	Bhairab 54.5 MW	HFO (IPP)				0	54	0	0				
Cumilla Zone Total			3040	2980	1259	1474	1680	1952	879	0			
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	83	104	110	110				
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	17	17	17				
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.9										

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.03.21 (Yesterday)		03.03.21 (Today)		02.03.21 (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	20	20	20	20					
88	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0					
89	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	53	53	51	51					
90	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	0	0	0			Contract Expired on 14/02/2021		
91	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	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	34	36	36	36		30	Under maint.		
94	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	162	161	162	162	169		Gas Shortage		
95	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	82	82	82	82					
96	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	150	200			Under maint.		
97	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	20	20					
98	Sylhet	50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract Expired on 04/01/2020		
99	Sylhet	10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	3	3	4	4					
100	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	8	8	8					
101	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	305	290	341	341					
102	Bibiyana-II	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	318	330	350	350					
		Bibiyana South 400 MW	Gas (PDB)				295	270	300	300					
		Shahjibazar 100 MW GTTP	Gas (PDB)				0	0	0	0			On Test		
Sylhet Zone Total							2033	1988	1472	1412	1698	1748	169	261	
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	178	185	250	250	225		Gas Shortage		
105	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	4	25	25					
106	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	9	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	40	83	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	93	105	105	105					
112	Machumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100					
**	Bheramara (HVDC)	India		1000	1000		710	717	723	723					
Khulna Zone Total							2288	2284	1021	1143	1468	1754	225	0	
113	Barsal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	80	110	110					
114	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	27	26	27					
115	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0		194	Under maint.		
116	Bhola	95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	55	65	95	95					
117	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	410	470	620	620					
118	Potukhali	150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	150	150					
Bhola Nutan Biddut BD LTD							Gas/HSD	(IPP)	53	53	51	51	0	194	
Barishal Zone Total							1826	1826	534	695	1052	1053	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	11	0	40					
123		Ammura 50 MW PP (Sirha)	HFO (QRPP)	7x7.79	50	50	12	12	12	12					
124		Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	104	104					
125		Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36	50	50					
126		Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50					
127		Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	24	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	220		Gas Shortage		
130		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	150	153	180	180					
131		Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	393	380	400	400					
132		Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	19	21	22	22					
133		Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0			Contract Expired on 12/11/2020		
134		Uliapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	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)	6x18.55	113	113	113	113	113	113					
137		Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	94	94	94	94					
Rajshahi Zone Total							2193	2183	841	1104	1288	1412	601	0	
138	a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	85	85	85	0		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		20	Under Overhauling		
141		Rangpur 113 MW PP (Confidence)	HFO (IPP)	7x16x 2x3	113	113	107	113	113	113					
142		Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
143		Majpara, Talulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	6	0	8	0					
Rangpur Zone Total							685	605	353	348	356	348	85	20	
Sub-total: Plants in operation							21395	20929	9540	10798	13400	14330	2909	1725	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss									9207	10421	12932	13830			
(B) Contract expired power plants															
Sub-Total: Plants under long term maintenance							0	0	0	0	0	0			
Gross Total							21395	20929	9540	10798	13400	14330	2909	1725	
(C) Actual data of 02.03.21 (Yesterday) Tuesday :															
01.	Max. Demand (Generation end)	: 10798.00 MW, at = 19:00 hrs					12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 10421.00 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)	: 10798.00 MW, at = 19:00 hrs					Dhaka	3747	3747	0	Mymensingh	874	874	0	
04.	Minimum Generation (Generation end)	: 7631.00 MW, at = 5:00 hrs					Chattogram	1128	1128	0	Sylhet	383	383	0	
05.	Day-peak Generation (Generation end)	: 9540.00 MW, at = 12:00 hrs					Khulna	1296	1296	0	Barishal	290	290	0	
06.	Evening-peak Generation (Generation end)	: 10798.00 MW, at = 19:00 hrs					Rajshahi	1086	1086	0	Rangpur	686	686	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs					Cumilla	931	931	0					
08.	Actual Minimum Generation up to 8:00 hrs.	: 7437.00 MW, at = 7:00 hrs									Total	10421	10421	0	
09.	Generation shortfall at evening peak due to :	:					13.	Fuel cost : (a) Gas = 116608436 Taka (c) Coal = 85466627 Taka (b) Oil = 456676406 Taka Total = 658751469 Taka							
a)	Gas limitation	: 2664 MW					14.	Maximum Temperature in Dhaka was : 33.7° C							
d)	Coal supply Limitation	: 85 MW					15.	Export through East-West interconnections : At evening peak-hour : -262 MW, at 19:00 hrs Maximum : -313 MW, at 19:30 hrs Energy : 1.157 MKWh							
b)	Low water level in Kaptai lake	: 160 MW													
c)	Plants under shut down/ maintenance	: 1725 MW													
10.	Total Energy (Generation + India Import)	: 219.00 MKWh													
	By Gas = 113.824 MKWh														
	By Coal = 17.830 MKWh	By Hydro = 64.968 MKWh													
	By Solar = 0.742 MKWh	By Hydro = 1.684 MKWh													
11.	Total Gas Supplied	: 923.65 MMCFD													
(D) Forecast of 03.03.21 (Today) Wednesday :															
01.	Maximum Demand	: 11000 MW (Generation end)					04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 14330 MW (Generation end)					05.	Total Generation : 223.10 MKWh							
03.	Maximum Shortage	: -3330 MW (Generation end)					06.	Probable Max. Temperature in Dhaka : 32.6° C							

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation