

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month February, 2021			Day: Monday				Date: 01.02.21						
Probable Maximum Demand: 9200 MW			Probable Maximum Generation: 12962 MW				Rule Curve = 97.00 ft.						
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 95.92 ft.		Today = 95.68 ft.		31.01.21 (Yesterday)						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.01.21 (Yesterday)		01.02.21 (Today)		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 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	0	0	0	0		180	Under maint.	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180				
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	Under maint.	
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	105	107	108	108				
4	Ghorasal 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 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	322	276	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450		Under maint.	9/2/2021
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	0	0	0	0		412	Under Maint.	8/2/2021
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	170	150	200	200	60		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	60	24	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	260	260	305	305				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	7	24	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	98	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	68	73	100	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	24	40	100	100				
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+1x8.73	80	80	57	57	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	25	25	25				
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	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	50	105	105				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	82	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	54	54	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	45	135	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	130	117	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	0	100	300				
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	50	100				
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	100	100				
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	36	35	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	17	35	35				
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	72	70	104	104				
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	144	144	144	144				
Dhaka Zone Total				6281	6057	2051	2130	3293	3543	635	1662		
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	61	42	68	68	188		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	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	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	27	5	46	46				
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	307	307	300	300				
49	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	8	100	100				
50	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	90	100	100	100				
51	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	17	102	85	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	20	20	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	28	25	40				
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	30	97	97				
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	44	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	100	100	100	100				
	Anlima Energy Ltd.	HFO (IPP)				0	0	0	0				
Chattogram Zone Total				2326	2266	671	811	1157	1264	743	180		
58	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	100	130	130	35		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	5	23	26	26	22		Gas Shortage	
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	233	184	225	225				
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	300	280	350	350				
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360		Under Maint.	3/2/2021
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	8	8	50		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	51	51	51	51				
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	128	137	150	150				
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	50				
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	81	70	100	100				
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	34	200	200				
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	19	22	22				
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
72	Jargalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
73	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	16	21	22	22				
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+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	4	114	114				
77	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	26	26	113	113				
**	Impoort (Tijura)	India		160	160	96	104	135	146				
Cumilla Zone Total				3040	2980	1111	1152	1750	2011	557	360		
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	92	99	110	110	103		Gas Shortage	
79	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
80	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	81	81	81	81				
81	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9										

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.01.21 (Yesterday)		01.02.21 (Today)		31.01.21 (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	30	20	30	30					
87	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0					
88	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	48	48	51	51					
89	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50					
90	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0					
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	0	0	0	0		66	Under maint.		
93	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330		Gas Shortage		
94	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	66	69	74	74					
95	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0	231		Gas Shortage		
96	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	0	0					
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	9	9	10	10					
99	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16					
100	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	305	310	341	341					
101	Bibiana-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	251	252	320	320	148		Gas Shortage		
		Bibiyana South 400 MW	Gas (PDB)				415	415	415	415					
		Shahjibazar 100 MW GTTP	Gas (PDB)				100	100	100	100			On Test		
Sylhet Zone Total					2033	1988	1301	1300	1418	1448	709	66			
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	365	380	410	410					
104	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	10	25	25					
105	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	3	12	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	16	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	24	40	40					
110	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	100	105	95	95					
111	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100					
**	Bheramara (HVDC)	India			1000	1000	703	891	441	441					
Khulna Zone Total					2288	2284	1187	1537	1346	1632	0	0			
112	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	110	110					
113	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	22	27	22	22					
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	72	83	95	95					
116	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	450	530	620	620					
		Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				0	0	0	0					
		United Payra Power Ltd.	HFO (IPP)				0	0	50	150					
Barishal Zone Total					1676	1676	544	656	897	997	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	50	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	14	0	40					
121		Ammura 50 MW PP (Siraha)	HFO (QRPP)	7x7.79	50	50	25	25	25	25					
122		Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	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	0	0					
125		Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	28	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	164	162	220	220					
128		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	172	179	220	220					
129		Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0		414	Under Maint.	13/2/2021	
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	11	11	11					
133		Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52					
134		Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6x18.55	113	113	35	113	113	113					
135		Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	113	113					
Rajshahi Zone Total					2193	2183	481	869	1130	1254	381	414			
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	150	150	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	5	113	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	4	0	8	0					
Rangpur Zone Total					685	605	159	263	271	263	170	0			
Sub-total: Plants in operation					21239	20748	7989.0	9188	11864	12962	3298	2876			
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							7643	8790	11350	12401					
(B) Contract expired power plants															
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0					
Gross Total					21239	20748	7989	9188	11864	12962	3298	2876			
(C) Actual data of 31.01.21 (Yesterday) Sunday :															
01.	Max. Demand (Generation end) : 9188.00 MW, at = 19:00 hrs				12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end) : 8790.00 MW, at = 19:00 hrs				Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed			
03.	Highest Generation (Generation end) : 9188.00 MW, at = 19:00 hrs					MW	MW	MW		MW	MW	MW			
04.	Minimum Generation (Generation end) : 5628.00 MW, at = 5:00 hrs				Dhaka	2964	2964	0	Mymensingh	793	793	0			
05.	Day-peak Generation (Generation end) : 7989.00 MW, at = 12:00 hrs				Chattogram	899	899	0	Sylhet	333	333	0			
06.	Evening-peak Generation (Generation end) : 9188.00 MW, at = 19:00 hrs				Khulna	1113	1113	0	Barishal	247	247	0			
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 19:00 hrs				Rajshahi	989	989	0	Rangpur	722	722	0			
08.	Actual Minimum Generation up to 8:00 hrs. : 5589.00 MW, at = 7:00 hrs				Cumilla	730	730	0							
09.	Generation shortfall at evening peak due to :								Total	8790	8790	0			
	a) Gas limitation : 2940 MW				13.	Fuel cost :	(a) Gas = 96676525 Taka	(c) Coal = 66910959 Taka							
	d) Coal supply Limitation : 170 MW						(b) Oil = 306512514 Taka	Total = 470099998 Taka							
	b) Low water level in Kaptai lake : 188 MW														
	c) Plants under shut down/ maintenance : 2876 MW														
10.	Total Energy (Generation + India Import) : 179.79 MKWh				14.	Maximum Temperature in Dhaka was : 22.1° C									
	By Gas = 95.205 MKWh				15.	Export through East-West interconnections :									
	By Coal = 14.383 MKWh					At evening peak-hour : 126 MW, at 19:00 hrs									
	By Solar = 0.443 MKWh					Maximum : -367 MW, at 9:00 hrs									
	By Hydro = 49.504 MKWh					Energy : 1.488 MKWh									
11.	Total Gas Supplied : 811.91 MMCFD														
(D) Forecast of 01.02.21 (Today) Monday :															
01.	Maximum Demand : 9200 MW (Generation end)				04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation : 12962 MW (Generation end)				05.	Total Generation : 180.02 MKWh									
03.	Maximum Shortage : -3762 MW (Generation end)				06.	Probable Max. Temperature in Dhaka : 24.4° C									

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation