

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month January, 2021				Day : Friday				Date : 29.01.21				
Probable Maximum Demand : 8400 MW				Probable Maximum Generation : 13011 MW				Rule Curve = 97.60 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 96.16 ft.				Today = 96.04 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.01.21 (Yesterday)		29.01.21 (Today)		28.01.21 (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 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	106	108	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	357	357	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	0	0	0	0		412	Under Maint.
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	190	145	200	200	65		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	100	70	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	320	245	305	305			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	49	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	85	95	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	41	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	49	36	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	102	102	100	100			
20	Narsingdi 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	56	57	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	17	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	0	91	105	105			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	84	98	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	54	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	234	269	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	111	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+91x.959	100	100	0	0	50	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	26	35	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	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	91	91	104	104			
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	54	138	162	162			
Dhaka Zone Total				6281	6057	2411	2530	3311	3561	640	1662	
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	65	58	68	68	172		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	25	25	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	0	2	19	19			
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	306	307	300	300			
49	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
50	Julda 100 MW 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	34	85	85	85			
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	17	20	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			8	21	25	40			
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	65	97	97			
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	Julda 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	720	837	1130	1220	727	180	
58	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	100	100	55		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	26	26	26	26	19		Gas Shortage
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	188	184	200	200			
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	340	350	350	350			
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360		Under Maint.
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	8	8	5	5	47		Gas Shortage
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	26	8	26	26	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	86	132	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	100	81	100	100			
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	17	200	200			
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	20	20			
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	8	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	15	15	22	22			
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+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	26	75	113	113			
**	Impoort (Tijpara)	India		160	160	74	110	135	147			
Cumilla Zone Total				3040	2980	1100	1199	1708	1970	571	360	
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	89	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	64	57	90	90			
81	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	24	61	115	115			
82	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	200	193	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	17	0	50	0			
85	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	18	1					

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.01.21 (Yesterday)		29.01.21 (Today)		28.01.21 (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	30	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	53	50	50				
89	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	50	50				
90	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	0	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	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	68	70	73	73				
95	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	150	150	150				
96	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	19	19	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	5	5	9	9				
99	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x3.34	25	25	8	8	8	8				
100	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	295	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)				400	415	400	400				
		Shahjibazar 100 MW GTTP	Gas (PDB)				100	100	100	100				On Test
Sylhet Zone Total					2033	1988	1199	1206	1405	1405	730	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	360	345	410	410				
104	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25				
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	99	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	40	40	40	40				
110	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	95	95	95	95				
111	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India			1000	1000	716	848	531	819				
Khulna Zone Total					2288	2284	1310	1443	1436	2010	0	0		
112	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	10	16	110	110				
113	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	26	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	75	83	95	95				
116	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	20	420	620	620				
		Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				25	26	35	35				
		United Payra Power Ltd.	HFO (IPP)				2	0	0	0				
Barishal Zone Total					1676	1676	148	571	882	882	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	50	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	42	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	31	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	189	152	220	220				
128		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	191	165	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	8	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)	6'18.55	113	113	35	95	113	113				
135		Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	0				
Rajshahi Zone Total					2193	2183	575	742	1017	1141	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	3	112	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	157	262	271	263	170	0		
Sub-total: Plants in operation					21239	20748	8054.0	9240	11771	13011	3322	2876		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							7709	8844	11266	12453				
(B) Contract expired power plants														
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0				
Gross Total					21239	20748	8054	9240	11771	13011	3322	2876		
(C) Actual data of 28.01.21 (Yesterday) Thursday :														
01.	Max. Demand (Generation end) :			9240.00	MW,	at = 19:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end) :			8844.00	MW,	at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end) :			9240.00	MW,	at = 19:00 hrs	Dhaka	2987	2987	0	Mymensingh	819	819	0
04.	Minimum Generation (Generation end) :			5741.00	MW,	at = 5:00 hrs	Chattogram	938	938	0	Sylhet	336	336	0
05.	Day-peak Generation (Generation end) :			8054.00	MW,	at = 12:00 hrs	Khulna	1098	1098	0	Barishal	236	236	0
06.	Evening-peak Generation (Generation end) :			9240.00	MW,	at = 19:00 hrs	Rajshahi	972	972	0	Rangpur	705	705	0
07.	Evening Peak Load-shed (Sub-station end) :			0.00	MW,	at = 19:00 hrs	Cumilla	753	753	0				
08.	Actual Minimum Generation up to 8:00 hrs. :			5736.00	MW,	at = 7:00 hrs					Total	8844	8844	0
09.	Generation shortfall at evening peak due to :						13.	Fuel cost :	(a) Gas = 104396486 Taka	(c) Coal = 40280780 Taka				
	a) Gas limitation :			2980	MW			(b) Oil = 365016145 Taka		Total = 509693411 Taka				
	d) Coal supply Limitation :			170	MW									
	b) Low water level in Kaptai lake :			172	MW									
	c) Plants under shut down/ maintenance :			2876	MW									
10.	Total Energy (Generation + India Import) :			182.72	MKWh		14.	Maximum Temperature in Dhaka was :		24.0° C				
	By Gas = 98.064 MKWh					55.930	15.	Export through East-West interconnections :						
	By Coal = 8.317 MKWh					1.430		At evening peak-hour :		-110	MW,	at 19:00 hrs		
	By Solar= 0.337 MKWh							Maximum :		-475	MW,	at 9:00 hrs		
11.	Total Gas Supplied :			833.67	MMCFD			Energy :		3.54	MKWh			
(D) Forecast of 29.01.21 (Today) Friday :														
01.	Maximum Demand :			8400	MW	(Generation end)	04.	Maximum Load-shed :			0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation :			13011	MW	(Generation end)	05.	Total Generation :			166.11	MKWh		
03.	Maximum Shortage :			-4611	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :			26.9° C			