

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month January, 2021				Day : Monday				Date : 04.01.21					
Probable Maximum Demand : 9000 MW				Probable Maximum Generation : 13529 MW				Rule Curve = 102.43 ft.					
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 98.03 ft				Today = 97.97 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.01.21 (Yesterday)		04.01.21 (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 Power 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		Gas Shortage	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	184	278	180	180				
	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	330	270	330	330				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	13	0	50	50	108		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 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	310	360	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450		Gas Shortage	
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	350	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	8	100	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	7	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	48	80	100	100				
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	38	100	100	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	16	57	100	100				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	22	19	19				
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+1x8.73	80	80	57	53	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	24	25	17	17				
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	8	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	46	70	105	105				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	32	150	150				
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50				
28	Kamalaghat 54 MW PP (Bano 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	268	283	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	105	123	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	50	100				
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	60	100				
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	35	37	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	55	55				
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	75	90	90	90				
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	55	55	162	162				
Dhaka Zone Total				6281	6057	2032	2570	3446	3736	1446	725		
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	35	35	75	75	195		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	0	25	25	25				
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0				
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50				
45	Sikalbaha 105 MW PP (Baraka Sike)	HFO (IPP)	6x18.415	105	105	0	0	100	100				
46	Shikalbaha 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	52	87	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	0	51	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	17	19	19	19				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			7	27	10	20				
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	102	102				
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	40	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)				121	0	124	124				
Chattogram Zone Total				2326	2266	494	534	1396	1381	750	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	5	5	5	5				
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	155	165	160	160				
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	325	380	360	360				
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	280	310	300	310				
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5	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	43	51	51	51				
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	123	150	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	163		Under maint.	
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	85	100	200	200				
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	19	19				
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	25	33	33	33				
73	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	43	43				
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	22	21	21				
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	26	46	113	113				
**	Impoort (Tripura)	India		160	160	80	102	140	149				
Cumilla Zone Total				3040	2980	1211	1414	1733	2002	635	163		
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	103	106	110	110	96		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	0	90	95	95				
81	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115				

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.01.21 (Yesterday)		04.01.21 (Today)		03.01.21 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	30	50	50				
87	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	20	20	30				
88	Fenchugonj 51 MW PP (Barakatulla)	Gas (RPP)	1x2.90	51	51	22	11	11	22				
89	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	30	20	20				
90	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0				
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
92	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	31	32	33	33				
93	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	145	144	155	155	186		Gas Shortage	
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	3x2.90	86	86	68	71	72	72				
95	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	30	129	100	200				
96	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	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	0	7	0	0				
99	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	0	16	16				
100	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	270	295	320	320				
101	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Gas Shortage	
	Bibiyana South 400 MW	Gas (PDB)				417	425	400	400				
	Shahjibazar 100 MW GTTP	Gas (PDB)				0	0	0	0				
Sylhet Zone Total				2033	1988	1068	1205	1228	1349	586	0		
102	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
103	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	185	155	250	250	255		Gas Shortage	
104	Faridpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	0	35	35				
105	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	4	70	70				
106	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
107	Khulna 115 PP MW (KPCCL-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	0	40	40				
110	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	53	105	105	105				
111	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	577	830	590	831				
Khulna Zone Total				2288	2284	954	1209	1355	1882	255	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	16	22	24	26				
114	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194		Under maint.	
115	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	93	54	90	90				
116	a) Payra 1320 MW TPP Unit-1	Coal (BCPCL)	1x622	622	622	0	260	600	600				
	b) Payra 1320 MW TPP Unit-2	Coal (BCPCL)	1x622	622	622	0	0	0	0				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				31	32	36	36				
	United Payra Power Ltd.	HFO (IPP)				0	54	0	0				
Barishal Zone Total				1676	1676	140	438	860	862	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	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	35	35				
122	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	86	100	100				
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 CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
127	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
128	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	156	138	220	220				
129	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	360	390	400	400				
130	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
131	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0				
132	Lillapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
133	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
134	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	60	113	113	113				
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113				
Rajshahi Zone Total				2193	2183	715	873	1366	1490	601	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	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	70	34	113	113				
140	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
141	Majpara, Tatula 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0				
Rangpur Zone Total				685	605	225	184	271	263	170	0		
Sub-total: Plants in operation				21239	20748	7151.0	8863	12271	13529	4539	1262		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
Sub-Total: Plants under long term maintenance													
Gross Total				21239	20748	7151	8863	12271	13529	4539	1262		
(C) Actual data of 03.01.21 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	8863.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8318.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8863.00	MW, at = 19:30 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5435.00	MW, at = 5:00 hrs		Dhaka	2918	0	0	Mymensingh	721	721	0
05.	Day-peak Generation (Generation end)	:	7151.00	MW, at = 12:00 hrs		Chattogram	873	873	0	Sylhet	316	316	0
06.	Evening-peak Generation (Generation end)	:	8863.00	MW, at = 19:30 hrs		Khulna	1078	1078	0	Barishal	245	245	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	870	870	0	Rangpur	583	583	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5580.00	MW, at = 7:00 hrs		Cumilla	714	714	0				
09.	Generation shortfall at evening peak due to :	:								Total	8318	8318	0
	a) Gas limitation	:	4174	MW	13.	Fuel cost :	(a) Gas = 107735036	Taka	(c) Coal = 29503098	Taka			
	d) Coal supply Limitation	:	170	MW			(b) Oil = 252039511	Taka	Total = 389277645	Taka			
	b) Low water level in Kaptai lake	:	195	MW									
	c) Plants under shut down/ maintenance	:	1262	MW									
10.	Total Energy (Generation + India Import)	:	168.69	MKWh	14.	Maximum Temperature in Dhaka was : 27.4° C							
	By Gas =	107.876	MKWh	37.272	15.	Export through East-West interconnections :							
	By Coal =	5.855	MKWh	0.792		At evening peak-hour	:	-247	MW, at	19:30 hrs			
	By Solar=	0.456	MKWh			Maximum	:	-290	MW, at	2:00 hrs			
						Energy	:	2.8055	MKWh				
11.	Total Gas Supplied	:	775.84	MMCFD									
(D) Forecast of 04.01.21 (Today) Monday :													
01.	Maximum Demand	:	9000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	13529	MW (Generation end)	05.	Total Generation : 171.29 MKWh							
03.	Maximum Shortage	:	4529	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 27.6° C							

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation