

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month January, 2021		Day : Saturday			Date : 02.01.21									
Probable Maximum Demand :		9000 MW			Probable Maximum Generation : 12675 MW									
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 98.15 ft			Today = 98.09 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.01.20 (Yesterday)		02.01.21 (Today)		Rule Curve = 102.81 ft		01.01.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)	Description/ Remarks		Probable start-up date
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Gas Shortage				
(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 CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170			Gas Shortage	
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	40	50	80	80	130			Gas Shortage	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0			190	Under maint.	
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	300	300					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	102	103	100	108					
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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	315	348	360	360					
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	0	0			225	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	305	380	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 CCGP	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	0	24	100	100					
14	Meghnaghat CCGP(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	0	50	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	30	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	0	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	100	100	100					
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	24	7	100	100					
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	13	19	19	19					
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x8.67+6x8.73	80	80	36	53	58	58					
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	14	17	17	17					
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	30	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	17	105	105					
26	Kodda 150MW PP	HFO (BPOB-RPCL)	9x17.06	149	149	0	0	150	150					
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50					
28	Kamalajati 54 MW PP (Banos Energy)	HFO (IPP)	3x18.69	54	54	17	35	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	130	280	300	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	50	80	149	149					
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300					
32	Bramhangsan 100 MW PP (Agrateko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	50	100					
33	Aurahi 100MW PP (Agrateko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	60	100					
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	0	0	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	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	34	90	90	90					
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	162	54	162	162					
Dhaka Zone Total				6281	6057	1824	2309	3366	3664	1243	725			
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	48	45	45	45			185	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				Under maint.	
41	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	4	0	5	0	0					
42	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25					
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16	0	20	0					
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	24	24	50	50					
45	Sikalbaha 105 MW PP (Baraka Sikr)	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 CCGP	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	0	32	300	300					
49	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
50	Juldah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100					
51	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	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	19	19	19	19					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			23	38	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	17	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)				122	123	124	124					
Chattogram Zone Total				2326	2266	456	498	1366	1351	740	180			
58	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	70	70	80	80					
	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 CCGP	Gas (APSCL)	1x142+1*75	221	221	186	204	221	221					
61	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	100	0	120	120					
62	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	80	260	260	260			100	Under maint.	
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	133	150	150	150					
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50					
68	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	50	51	50	50					
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	57	85	200	200					
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	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	33	33	33	33					
73	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	43	43					
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	15	21	21					
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.02	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	0	16	113	113					
**	Impoort (Tripura)	India		160	160	72	90	110	148					
Cumilla Zone Total				3040	2980	890	1089	1614	1902	500	100			
78	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	120	140	150	150			62	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	48	95	95					
81	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115									

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.01.20 (Yesterday)		02.01.21 (Today)		01.01.20 (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)			
85	Fenchugonj	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	50	50	50	50					
86	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	30					
87	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	8	8	8	8					
88	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	20	20	20					
89	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0					
90	Hobiganj	11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11					
91	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	31	33	33	33					
92	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	146	146	155	155	184		Gas Shortage		
93	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	70	72	72	72					
94	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	137	210	210	210					
95	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	20	20					
96	Sylhet	50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
97	Sylhet	10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0					
98	Shahjahanulla	25 MW PP	Gas (CIIP, REB)	3x3.34	25	25	0	0	16	16					
99	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290	320	320					
100	Bibiana-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Gas Shortage		
		Bibiyana South 400 MW	Gas (PDB)				280	300	300	400					
		Shahjibazar 100 MW GTTP	Gas (PDB)				0	0	0	0					
Sylhet Zone Total							2033	1988	1027	1140	1215	1345	584	0	
101	Bheramara	GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16					
102	Bheramara	410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	210	245	225	225	165		Gas Shortage		
103	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	35	35					
104	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	70	70					
105	Khulna	225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220					
106	Khulna	115 PP MW (KPL-2)	HFO (QRP)	7x17	115	115	83	115	115	115					
107	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100					
108	Noapara	40 MW PP (Khanjahan Ali)	HFO (QRP)	5x8.5	40	40	0	0	40	40					
109	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	53	90	90					
110	Madhupati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	85	100	100					
**	Bheramara	(HVDC)	India		1000	1000	439	721	446	783					
Khulna Zone Total							2288	2284	732	1219	1171	1794	165	0	
111	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110					
112	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	26	24	26					
113	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194		Under maint.		
114	Bhola	95 MW PP (Agreko)	Gas (QRP)	1x96	95	95	33	88	90	90					
115	Payra	1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	0	0	0	0					
		Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				15	36	36	36					
		United Payra Power Ltd.	HFO (IPP)				0	0	0	0					
Barishal Zone Total							1054	1054	67	150	260	262	0	194	
116	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		
117		Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
118		Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
119		Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40					
120		Ammura 50 MW PP (Siraha)	HFO (QRP)	7x7.79	50	50	0	12	35	35					
121		Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	77	100	100					
122		Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50					
123		Katakhal 50 MW PP (Northern)	HFO (QRP)	6x8.9	50	50	0	0	50	50					
124		Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34					
125		Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
126		Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0	220		Gas Shortage		
127		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	150	150	220	220					
128		Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	405	417	400	400					
129		Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
130		Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0					
131		Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11					
132		Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52					
133		Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6x18.55	113	113	70	113	113	113					
134		Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	70	113	113	113					
Rajshahi Zone Total							2193	2183	722	915	1366	1490	601	0	
135	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		
136		Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150					
137		Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
138		Rangpur 113 MW PP (Confidence)	HFO (IPP)	7x16x 2'3	113	113	0	35	113	113					
139		Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
140		Majpara, Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0					
Rangpur Zone Total							685	605	155	185	271	263	170	0	
Sub-total: Plants in operation							20595	20104	6102.0	7934	11285	12675	4065	1199	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							5704	7417	10549	11849					
(B) Contract expired power plants															
Sub-Total: Plants under long term maintenance							0	0	0	0	0	0			
Gross Total							20595	20104	6102	7934	11285	12675	4065	1199	
(C) Actual data of 01.01.20 (Yesterday) Friday :															
01.	Max. Demand (Generation end)	:		7934.00 MW, at = 19:30 hrs											
02.	Max. Demand (Sub-station end)	:		7417.00 MW, at = 19:30 hrs											
03.	Highest Generation (Generation end)	:		7934.00 MW, at = 19:30 hrs											
04.	Minimum Generation (Generation end)	:		5422.00 MW, at = 5:00 hrs											
05.	Day-peak Generation (Generation end)	:		6102.00 MW, at = 12:00 hrs											
06.	Evening-peak Generation (Generation end)	:		7934.00 MW, at = 19:30 hrs											
07.	Evening Peak Load-shed (Sub-station end)	:		0.00 MW, at = 19:30 hrs											
08.	Actual Minimum Generation up to 8:00 hrs.	:		5153.00 MW, at = 7:00 hrs and											
09.	Generation shortfall at evening peak due to :														
	a) Gas limitation	:		374.00 MW											
	d) Coal supply Limitation	:		170 MW											
	b) Low water level in Kaptai lake	:		185 MW											
	c) Plants under shut down/ maintenance	:		1199 MW											
10.	Total Energy (Generation + India Import)				152.43 MKWh										
	By Gas =	101.110 MKWh			33.161 MKWh										
	By Coal =	3.684 MKWh		By Hydro =	1.057 MKWh										
	By Solar =	0.467 MKWh													
11.	Total Gas Supplied				802.00 MMCFD										
12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :														
	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW							
	Dhaka	2386	2386	0	Mymensingh	664	664	0							
	Chattogram	846	846	0	Sylhet	302	302	0							
	Khulna	987	987	0	Barishal	227	227	0							
	Rajshahi	782	782	0	Rangpur	535	535	0							
	Cumilla	688	688	0	Total				7417	7417	0				
13.	Fuel cost :	(a) Gas = 106284701 Taka		(c) Coal = 19966738 Taka											
		(b) Oil = 207243979 Taka		Total = 333495418 Taka											
14.	Maximum Temperature in Dhaka was : 27.4° C														
15.	Export through East-West interconnections :														
	At evening peak-hour	:		-197 MW, at 19:30 hrs											
	Maximum	:		-313 MW, at 23:00 hrs											
	Energy	:		2.1435 MKWh											
(D) Forecast of 02.01.21 (Today) Saturday :															
01.	Maximum Demand	:		9000 MW (Generation end)											
02.	Maximum Generation	:		12675 MW (Generation end)											
03.	Maximum Shortage	:		-3675 MW (Generation end)											
04.	Maximum Load-shed				0 MW At evening peak (Sub-station end)										
05.	Total Generation				172.91 MKWh										
06.	Probable Max. Temperature in Dhaka :				25.9° C										

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation