

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month January, 2021		Day : Thursday				Date : 07.01.21							
Probable Maximum Demand : 9200 MW		Probable Maximum Generation : 13150 MW				Rule Curve = 101.86 ft.							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 97.84 ft		Today = 97.78 ft		06.01.21 (Yesterday)							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.01.21 (Yesterday)		07.01.21 (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				
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0				
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	264	356	0	0				
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0				
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	330	255	340	360	110			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105			
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20			
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	310	338	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0				
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	353	350	412	412				
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0				
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	55	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0	305			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	12	65	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	24	0	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	67	87	87	87				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	32	58	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	25	57	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	24	25	25	25				
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25				
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	35	105	105				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	32	150	150				
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	7	50	50				
28	Kamalaghat 54 MW PP (Banos Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	205	280	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	32	142	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	8	55	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	53	90	90	90				
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	17	54	162	162				
Dhaka Zone Total				6281	6057	1886	2577	3196	3506	1386	895		
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	35	35	35	35	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				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	0	25	25				
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0				
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	41	50	50	50				
45	Sikalbaha 105 MW PP (Baraka Sike)	HFO (IPP)	6x18.415	105	105	0	0	100	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	271	255	300	300				
49	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
50	Julda 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	10	20	100	100				
51	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	22	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	20	17	17	17				
*	Malancha, Ctg EPZ (Unite)	Gas	5x8.73+3x9.34			4	20	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	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	539	573	1230	1215	750	180		
58	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	70	70	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	26	26	26	26				
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	184	184	225	225				
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	270	315	300	300				
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	150	150				
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	56	56	55	55				
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	100	101	100	100				
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	92	91	90	91				
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	34	68	200	200				
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	18	19	19				
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	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	43	43				
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	22	20	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	55	107	113	113				
**	Impoort (Tijura)	India		160	160	88	106	135	147				
Cumilla Zone Total				3040	2980	1031	1197	1763	2028	585	0		
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	103	105	110	110	97			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	72	90	95	95				
81	Jamalpur 115 MW PP (Unite)	HFO (IPP)	12x9.87	115	115	0	13	115	115				
82	Mymensingh 200 MW PP (Unite)	HFO (IPP)	21										

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.01.21 (Yesterday)		07.01.21 (Today)		06.01.21 (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	45	45	45			
87	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	20	20	20	20			
88	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	8	53	51	51			
89	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	49	44	44			
90	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0			
91	Hobiganj	11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
92	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	68	68	68			
93	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under maint.	25/01/2021
94	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	71	70	70	70			
95	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	144	182	200	200			
96	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	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	8	9	9			
99	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	14	16	16	16			
100	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	270	290	330	330			
101	Bibiyana-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400	Gas Shortage	
		Bibiyana South 400 MW	Gas (PDB)				421	283	400	400			
		Shahjibazar 100 MW GTTP	Gas (PDB)				0	0	0	0			
		Sylhet Zone Total			2033	1988	1078	1113	1284	1284	400	330	
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	290	325	300	325	85		Gas Shortage
104	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	35	35			
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	0	0	40	40			
110	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	105	105	105	105			
111	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000		579	811	586	827			
		Khulna Zone Total			2288	2284	1073	1356	1401	1953	85	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	20	26	24	26			
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	61	61	60	61			
116	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	380	480	600	600			
		Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				30	56	50	56			
		United Payra Power Ltd.	HFO (IPP)				0	54	0	0			
		Barishal Zone Total			1676	1676	491	693	844	853	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		Ammura 50 MW PP (Sirha)	HFO (QRPP)	7x7.79	50	50	0	12	35	35			
122		Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	51	94	94	94			
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		Santhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34			
126		Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			Gas Shortage
127		Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+ 1x75	220	220	0	0	0	0	220		Gas Shortage
128		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	150	180	220	220			
129		Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	318	336	400	400			
130		Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21	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	0	0	52	52			
134		Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	113	113	113	113			
135		Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6'18.55	113	113	113	113	113	113			
		Rajshahi Zone Total			2193	2183	777	880	1360	1484	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	58	102	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	212	252	271	263	170	0	
		Sub-total: Plants in operation			21239	20748	7533.0	9073	11965	13150	4074	1599	
		Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					7169	8635	11387	12515			
(B) Contract expired power plants													
		Sub-Total: Plants under long term maintenance			0	0	0	0	0	0			
		Gross Total			21239	20748	7533	9073	11965	13150	4074	1599	
(C) Actual data of 06.01.21 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end) :			9073.00 MW, at = 19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end) :			8635.00 MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end) :			9073.00 MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end) :			5622.00 MW, at = 5:00 hrs	Dhaka	3041	3041	0	Mymensingh	739	739	0	
05.	Day-peak Generation (Generation end) :			7533.00 MW, at = 12:00 hrs	Chattogram	991	991	0	Sylhet	316	316	0	
06.	Evening-peak Generation (Generation end) :			9073.00 MW, at = 19:30 hrs	Khulna	1091	1091	0	Barishal	223	223	0	
07.	Evening Peak Load-shed (Sub-station end) :			0.00 MW, at = 19:30 hrs	Rajshahi	912	912	0	Rangpur	577	577	0	
08.	Actual Minimum Generation up to 8:00 hrs. :			5765.00 MW, at = 7:00 hrs an	Cumilla	745	745	0					
09.	Generation shortfall at evening peak due to :								Total	8635	8635	0	
	a)	Gas limitation	: 3709 MW	13. Fuel cost : (a) Gas = 110955867 Taka (c) Coal = 88356472 Taka									
	d)	Coal supply Limitation	: 170 MW	(b) Oil = 307978067 Taka Total = 487290407 Taka									
	b)	Low water level in Kaptai lake	: 195 MW	14. Maximum Temperature in Dhaka was : 30° C									
	c)	Plants under shut down/ maintenance	: 1599 MW	15. Export through East-West interconnections :									
10.	Total Energy (Generation + India Import) :			176.27 MKWh	At evening peak-hour : 226 MW, at 19:30 hrs								
		By Gas = 103.526 MKWh	By Hydro = 40.801 MKWh	Maximum : -24 MW, at 8:00 hrs									
		By Coal = 14.707 MKWh	By Solar = 0.344 MKWh	Energy : 0 MKWh									
11.	Total Gas Supplied :			792.70 MMCFD									
(D) Forecast of 07.01.21 (Today) Thursday :													
01.	Maximum Demand :			9200 MW (Generation end)	04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation :			13150 MW (Generation end)	05. Total Generation : 178.74 MKWh								
03.	Maximum Shortage :			-3950 MW (Generation end)	06. Probable Max. Temperature in Dhaka : 30.3° C								

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation