

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month January, 2021				Day : Wednesday				Date : 20.01.21						
Probable Maximum Demand : 9500 MW				Probable Maximum Generation : 12946 MW				Rule Curve = 99.39 ft.						
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 96.95 ft.				Today = 96.87 ft.						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.01.21 (Yesterday)		20.01.21 (Today)		19.01.21 (Yesterday)		20.01.21 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual 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	Machines shut down (MW)				
(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	234	233	230	230					
	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	250	380	365	365					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108			Gas Shortage	
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	242	218	280	280					
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	324	335	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	40	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	16	55	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	88	100	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	41	40	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	86	85	100	100					
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	102	70	100	100					
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22					
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+1x8.73	80	80	45	57	58	58					
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25					
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	19	52	52					
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	105	105	105					
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	150	149	149					
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	6	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	285	300	300	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	100	139	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	100	100					
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	17	55	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	55	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	99	104	90	104					
38	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	35	144	144	144					
Dhaka Zone Total				6281	6057	2169	2873	3433	3697	1198	895			
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	45	44	44	44	186			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	3	0	5	0					
42	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	0	25					
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	13	0	20	0					
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	32	50	50	50					
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	270	306	300	300					
49	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
50	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	50	50	100	100					
51	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	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	15	15					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	13	10	15					
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	16	90	90					
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	35	54	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	572	745	1100	1205	741	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	3	3	5	5					
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	151	159	180	180					
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	240	240	250	250					
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	270	260	280	280					
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0	55			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	75	73	75	75					
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	45	36	50	50					
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	23	200	200					
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	14	19	21	21					
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11					
72	Jargalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33					
73	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	52	52					
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	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	26	55	113	113					
**	Impoort (Tijura)	India		160	160	86	108	135	147					
Cumilla Zone Total				3040	2980	1037	1097	1598	1862	640	0			
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	102	103	110	110	99			Gas Shortage	
79	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22					
80	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	67	82	95	95					
81	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	8	1							

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							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	0	0	20	20							
87	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	31	32	43	43							
88	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	8	19	8	8							
89	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	15	20	20							
90	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	140	140	163	163							
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	32	32	40	40							
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	68	70	70	70							
95	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	120	162	160	160							
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	9	9	9							
99	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	8	8	8							
100	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	300	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)				270	270	270	270							
		Shahjibazar 100 MW GTTP	Gas (PDB)				0	0	0	0			On Test				
Sylhet Zone Total					2033	1988	988	1086	1183	1183	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	340	345	350	350	65		Gas Shortage				
104	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	4	35	35							
105	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	7	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	24	40	40							
110	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	70	72	90	90							
111	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100							
**	Bheramara (HVDC)	India		1000	1000		726	871	741	886							
Khulna Zone Total					2288	2284	1275	1438	1591	2022	65	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	14	22	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	84	91	95	95							
116	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	440	430	600	600							
		Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				15	57	50	56							
		United Payra Power Ltd.	HFO (IPP)				0	0	0	0							
Barishal Zone Total					1676	1676	553	616	877	883	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	43	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 (Siraha)	HFO (QRPP)	7x7.79	50	50	0	25	28	28							
122		Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	102	104	104							
123		Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	12	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 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	0	0	0	0	220		Gas Shortage				
128		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage				
129		Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	378	351	400	400							
130		Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	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	5	8	11	11							
133		Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	25	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)	6x18.55	113	113	113	113	113	113							
Rajshahi Zone Total					2193	2183	631	813	1143	1267	821	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	113	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	1	0	8	0							
Rangpur Zone Total					685	605	264	263	271	263	170	0					
Sub-total: Plants in operation					21239	20748	7888.0	9380	11812	12946	4134	1599					
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							7530	8954	11275	12358							
(B) Contract expired power plants																	
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0							
Gross Total					21239	20748	7888	9380	11812	12946	4134	1599					
(C) Actual data of 19.01.21 (Yesterday) Tuesday :																	
01.	Max. Demand (Generation end) :			9380.00	MW,	at =	19:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end) :			8954.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end) :			9380.00	MW,	at =	19:00 hrs	Dhaka	3078	3078	0	Mymensingh	810	810	0		
04.	Minimum Generation (Generation end) :			5711.00	MW,	at =	5:00 hrs	Chattogram	1032	1032	0	Sylhet	329	329	0		
05.	Day-peak Generation (Generation end) :			7888.00	MW,	at =	10:00 hrs	Khulna	1102	1102	0	Barishal	233	233	0		
06.	Evening-peak Generation (Generation end) :			9380.00	MW,	at =	19:00 hrs	Rajshahi	960	960	0	Rangpur	664	664	0		
07.	Evening Peak Load-shed (Sub-station end) :			0.00	MW,	at =	19:00 hrs	Cumilla	746	746	0						
08.	Actual Minimum Generation up to 8:00 hrs. :			5941.00	MW,	at =	7:00 hrs					Total	8954	8954	0		
09.	Generation shortfall at evening peak due to :											(a) Gas =	104684142	Taka	(c) Coal =	67837722	Taka
	a) Gas limitation :			3778	MW							(b) Oil =	342111476	Taka	Total =	514633340	Taka
	d) Coal supply Limitation :			170	MW												
	b) Low water level in Kaptai lake :			186	MW												
	c) Plants under shut down/ maintenance :			1599	MW												
10.	Total Energy (Generation + India Import) :			182.75	MKWWh												
	By Gas =			101.527	MKWWh												
	By Coal =			14.592	MKWWh												
	By Solar =			0.218	MKWWh												
11.	Total Gas Supplied :			758.53	MMCFD												
(D) Forecast of 20.01.21 (Today) Wednesday :																	
01.	Maximum Demand :			9500	MW	(Generation end)	04.	Maximum Load-shed :			0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation :			12946	MW	(Generation end)	05.	Total Generation :			185.09	MW					
03.</																	