



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel.: 9584667, 9551095

Month January, 2020				Day : Thursday				Date : 02.01.20					
Probable Maximum Demand : 8600 MW				Probable Maximum Generation : 14652 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 95.99 ft				Today = 95.91 ft					
				Rule Curve = 102.81 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.01.19 (Yesterday)		02.01.20 (Today)		01.01.19 (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)			
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	34	34	35	35		51	Unit-1 Under Maint.	05.01.20
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			On Test	
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	100	101	200	200				
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage	
2	Ghorasal 365 MW CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	220	310	360	360				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0				
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage	
6	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage	
7	Haripur 360MW CCP(HPL)	Gas (IPP)	1x235+1x125	360	360	360	344	360	360				
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	420	450	450				
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage	
10	Haripur 412 MW CCP	Gas (EGCB)	1x273+1x139	412	412	363	365	360	360				
11	Siddhirganj 2120 MW GTPP	Gas (EGCB)	2 x 105	210	210	62	70	70	70	140		Gas Shortage	
12	Siddhirganj 335 MW CCP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0		335	Under maint.	04.01.20
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	28	100	100				
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	55	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	0	0	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
19	Gagnagar 102 MW PP Digital Pow	HFO (IPP)	12x8.924	102	102	7	50	102	102				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
21	Summit Power, (Madnabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	56	57	57				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	20	20	33	33				
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	29	31	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	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	50	149	149				
27	Kalpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	47	50	50				
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	35	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	100	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300				
32	Bramhangaoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
34	Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	72	72				
Dhaka Zone Total				6047	5811	1741	2103	3424	4073	590	386		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	47	45	84	84	185		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	110	120	120				
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Under Maint.	08.01.20
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2.22	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50				
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	107	150	150				
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	217	216	210	215				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	32	108	230	300				
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	90	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	80	100				
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	21	21				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			14	42	10	15				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	12	50	100				
53	Sikalbaha 54 MW Power Plant(Jodiad Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54				
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110				
Chattogram Zone Total				2226	2166	571.22	749	1464	1649	185	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	100	125	125	35		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	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	40	40	35	38				
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1*75	221	221	0	0	147	147			was under maint.	
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	305	350	360	360				
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	315	365	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0				
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*116	195	195	111	158	150	180				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	100	150				
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur 150 MW CCP	Gas (PDB)	1X106+1x57	163	163	30	87	90	90				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	150	200				
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50				
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	14	14	14	14				
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200				
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	0	114				
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	0	113	113				
**	Impoport (Tripura)	India		160	160	86	100	90	109				
Cumilla Zone Total				3040	2980	1107	1323	1843	2409	298	0		
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	100	102	160	160				
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	16	95	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	100	115				
79	Mymensingh 200 MW PP (Unlited)	HFO (IPP)	21x9.780	200	200	0	0	100	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.3	0	1.6	0				
Mymensingh Zone Total				645	637	139.3	334	478.6	592	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.01.19 (Yesterday)		02.01.20 (Today)		01.01.19 (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	Probable start-up date
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	60	60				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	60	60	85	86				
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
85	Kushlari 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	100	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SI/PP, REB)	4x2.90	11	11	11	11	11	11				
87	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	66	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	156	157	160	160				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	76	79	75	79				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0		142	Under Overhauling	31.01.20
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	16	17	17	17				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	30	32	40	40				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CI/PP, REB)	3x9.34	25	25	16	24	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	315	341	341				
96	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	331	398	400	400				
Sylhet Zone Total				1944	1899	1333	1402	1547	1552	0	142		
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	335	260	400	400				
99	Fairdipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	25				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulna 225 MW CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	200				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	0	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	80	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105				
106	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	85	32	100				
**	Bheramara (HVDC)	India		1000	1000	310	505	316	514				
Khulna Zone Total				2328	2314	645	965	948	1709	0	0		
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	48	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	11	23	20	20				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	111	200	175	190				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95				
Barishal Zone Total				472	462	122	271	360	445	0	0		
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	70	50	70	70	21		Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
114	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	50	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100				
118	Katahal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
119	Katahal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	192	214	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	195	201	220	220	220		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	0	0	0	0		220	Under maint.	03.01.20
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	420	438	400	430				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	14	14				
127	Ullapara 11 MW PP (Summit)	Gas (SI/PP, REB)	4x2.90	11	11	11	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	104	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113				
Rajshahi Zone Total				2193	2183	914	1095	1522	1816	341	220		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	04.01.20
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Shutdown for Low Demand	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	175	174	260	260				
133	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	20	113	113				
135	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tetulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	2.2	0	8	0				
Rangpur Zone Total				685	605	177	194	381	407	0	170		
Sub-total: Plants in operation				19580	19057	6749.7	8436	11968	14652	1414	1098		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6379	7799	11311	13848				
(B) Contract expired power plants													
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance				50	50	0	0	0	0				
Gross Total				19630	19107	6749.7	8436	11968	14652	1414	1098		
(C) Actual data of 01.01.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	8436.00	MW,	at =	19:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand (Sub-station end)	:	7799.00	MW,	at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	8436.00	MW,	at =	19:00 hrs		MW	MW	MW		MW	MW
04.	Minimum Generation (Generation end)	:	5176.00	MW,	at =	5:00 hrs	Dhaka	2844	2844	0	Mymensingh	640	640
05.	Day-peak Generation (Generation end)	:	6749.72	MW,	at =	12:00 hrs	Chattogram	814	814	0	Sylhet	318	318
06.	Evening-peak Generation (Generation end)	:	8436.00	MW,	at =	19:00 hrs	Khulna	1012	1012	0	Barishal	230	230
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Rajshahi	1012	1012	0	Rangpur	230	230
08.	Actual Minimum Generation up to 8:00 hrs.	:	5041.00	MW,	at =	5:00 hrs am	Cumilla	699	699	0			
09.	Generation shortfall at evening peak due to :	:									Total	7799	7799
	a) Gas limitation	:	1229	MW			13.	Fuel cost :	(a) Gas = 127739517 Taka	(c) Coal = 16933827 Taka			
	d) Coal supply Limitation	:	0	MW					(b) Oil = 62728444 Taka	Total = 144673344 Taka			
	b) Low water level in Kaptai lake	:	185	MW									
	c) Plants under shut down/ maintenance	:	1098	MW									
10.	Total Energy (Generation + India Import)	:	160.31	MKWh			14.	Maximum Temperature in Dhaka was : 28.5° C					
	By Gas = 138.786 MKWh			By Oil = 6.931 MKWh			15.	Export through East-West interconnections :					
	By Coal = 4.140 MKWh			By Hydro = 1.096 MKWh				At evening peak-hour : -272 MW, at 19:00 hrs PM					
	By Solar= 0.058 MKWh							Maximum : -366 MW, at 8:00 hrs					
11.	Total Gas Supplied	:	1073.85	MMCFD				Energy : 2.922 MKWh					
(D) Forecast of 02.01.20 (Today) Thursday :													
01.	Maximum Demand	:	8600	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	14652	MW	(Generation end)		05.	Total Generation	:	163.43	MKWh		
03.	Maximum Shortage	:	-6052	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	27.9° C			

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation