



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month January, 2020			Day : Sunday				Date : 05.01.20						
Probable Maximum Demand : 8500 MW			Probable Maximum Generation : 14538 MW				Rule Curve = 102.24 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.01.20 (Yesterday)		05.01.20 (Today)		04.01.20 (Yesterday) 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	
					Today = 95.74 ft		Today = 95.74 ft						
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (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.	20.01.20	
	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	160	180	180				
	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	325	315	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	261	344	360	360				
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	330	450	225	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	314	345	360	360				
11	Siddhirganj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage		
12	Siddhirganj 335 MW CCP	Gas (EGCB)	1 x 217+1x118	335	335	180	350	300	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	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	16	87	87				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	2	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	102	102	102	102				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	22	22				
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	55	57	57				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	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	0	0	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149				
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	6	50	50				
28	Kamalgat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	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	Bramhangan 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	Nabaganj 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	1771	2288	3396	4305	660	51			
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	45	46	44	47	184	Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	110	110	110				
	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	2.685	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	6	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	70	140	130	150				
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	196	202	210	215				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	49	230	300				
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	10	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	0	19	21	21				
	* Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			4	26	10	25				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	50	100				
53	Sikalbaha 54 MW Power Plant(Jodioc 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	427,685	608	1394	1612	184	180			
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	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	40	40				
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	203	194	225	225				
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	315	320	360	360				
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	320	355	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+11'16	195	195	8	25	150	180				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	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	87	86	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	0	19	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	28	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	8	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	0	0				
**	Impoprt (Tripura)	India		160	160	84	96	90	109				
Cumilla Zone Total			3040	2980	1145	1331	1813	2376	298	0			
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	163	150	150	150				
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	95	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	100	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	0	100	200				
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	1.6	0				
Mymensingh Zone Total			645	637	163.9	267	468.6	582	0	0			

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.01.20 (Yesterday)		05.01.20 (Today)		04.01.20 (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)			
81	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	10	30	30	30				
82	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	40	62	60	60				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	0	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	50	44	44				
85	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SI,PP, REB)	4x2.90	11	11	0	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	20	69	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	156	150	160	160				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	2	77	75	75				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0	142	Under Overhauling	31.01.20	
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	16	17	17				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CI,PP, REB)	3x9.34	25	25	0	24	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	310	341	341				
96	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	332	424	400	400				
Sylhet Zone Total				1944	1899	970	1449	1452	1452	0	142		
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CCPP	Gas (NWP,GCCL)	1 x 278+1 x 132	410	410	250	270	75	75				
99	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulna 225 MW CCPP	HSD (NWP,GCCL)	1 x 150+1x75	230	230	0	0	0	200				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	66	0	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	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 (NWP,GCCL)	6x18.415	105	105	0	50	33	100				
**	Bheramara (HVDC)	India		1000	1000	216	651	314	660				
Khulna Zone Total				2328	2314	466	1037	622	1540	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	0	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	10	18	25	25				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	120	120	175	190				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	74	77	95	95				
Barishal Zone Total				472	462	204	215	365	450	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	60	70	70	70	1	Gas Shortage		
	b) Baghabari 100 MW GTPP	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	18	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100				
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
119	Katakhal 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	38				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWP,GCCL)	1x150+1x75	210	210	179	205	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWP,GCCL)	1x150 + 1x75	220	220	172	192	220	220	220	Gas Shortage		
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWP,GCCL)	1x141+1x79	220	220	0	0	0	0	220	Under maint.	05.01.20	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	380	414	400	430				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	0	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	5	10	10				
127	Ullapara 11 MW PP (Summit)	Gas (SI,PP, REB)	4x2.90	11	11	8	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	35	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	799	950	1516	1814	321	220		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	10.01.20	
	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	160	200	260	260				
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x2*3	113	113	0	52	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatula 8 MW Solar PP (Symra)	Solar (IPP)	1 x 8	8	8	1.9	0	8	0				
Rangpur Zone Total				685	605	162	252	381	407	0	170		
Sub-total: Plants in operation				19580	19057	6108.5	8397	11410	14538	1463	763		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					5730	7729	10703	13638					
(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	6108.5	8397	11410	14538	1463	763		
(C) Actual data of 04.01.20 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8397.00 MW, at = 19:30 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	7729.00 MW, at = 19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	8397.00 MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	:	4592.00 MW, at = 5:00 hrs	Dhaka	2791	2791	0	Mymensingh	659	659	0		
05.	Day-peak Generation (Generation end)	:	6108.49 MW, at = 12:00 hrs	Chattogram	839	839	0	Sylhet	319	319	0		
06.	Evening-peak Generation (Generation end)	:	8397.00 MW, at = 19:30 hrs	Khulna	991	991	0	Barishal	230	230	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs P	Rajshahi	991	991	0	Rangpur	230	230	0		
08.	Actual Minimum Generation up to 8:00 hrs.	:	5007.00 MW, at = 5:00 hrs am	Cumilla	679	679	0						
09.	Generation shortfall at evening peak due to :	:		Total	7729	7729	0						
	a) Gas limitation	:	1279 MW	13.	Fuel cost :	(a) Gas = 135497231 Taka	(c) Coal = 16614398 Taka						
	d) Coal supply Limitation	:	0 MW		(b) Oil = 29078339 Taka	Total = 15211629 Taka							
	b) Low water level in Kaptai lake	:	184 MW										
	c) Plants under shut down/ maintenance	:	763 MW	14.	Maximum Temperature in Dhaka was :	23.9° C							
10.	Total Energy (Generation + India Import)	:	157.59 MKWh	15.	Export through East-West interconnections :								
	By Gas = 140.333 MKWh	By Oil =	3.140 MKWh		At evening peak-hour	: -266 MW, at 19:30 hrs PM							
	By Coal = 4.062 MKWh	By Hydro =	1.037 MKWh		Maximum	: -385 MW, at 24:00							
	By Solar= 0.043 MKWh				Energy	: 3.629 MKWh							
11.	Total Gas Supplied	:	1065.67 MMCFD										
(D) Forecast of 05.01.20 (Today) Sunday :													
01.	Maximum Demand	:	8500 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14538 MW (Generation end)	05.	Total Generation	:	159.52 MKWh						
03.	Maximum Shortage	:	-6038 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	24.1° C						

* Captive Power ** Imported Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZAMAN)
Deputy Secretary, Generation