



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month January, 2020			Day : Saturday				Date : 11.01.20							
Probable Maximum Demand : 8500 MW			Yesterday = 95.64 ft				Today = 95.56 ft				Rule Curve = 101.10 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.01.20 (Yesterday)		11.01.20 (Today)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Evening	Actual Peak Generation (MW)	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(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	101	256	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	263	294	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	313	372	360	360					
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	400	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	367	354	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	230	300	335	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	0	100	100					
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	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	0	0	102	102					
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22					
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	39	53	57	57					
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	26	33	33					
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	29	17	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	0	50	50					
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	17	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	Branhangoan 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	1751	2145	3669	4318	660	51				
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	47	45	45	46		185		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	110	120	120					
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180		Under Maint.	13.01.20
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.29	0	5	0					
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25					
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	19	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	104	138	130	150					
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	186	203	210	215					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	16	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	0	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.EP2 (United)	Gas	5x8.73+3x9.34			10	42	10	20					
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	499.29	573	1405	1616	185	180				
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	100	100		55		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	3	40	40	40					
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	185	185	225	225					
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	320	310	360	360					
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	365	315	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	8	83	55	55					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	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	51	89	90	90					
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200					
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	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	25	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	8	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					
**	Impoprt (Tripura)	India		160	160	72	94	87	109					
Cumilla Zone Total			3040	2980	1097	1305	1653	2339	318	0				
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	98	160	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	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780											

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.01.20 (Yesterday)		11.01.20 (Today)		10.01.20 (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	20	20	60	60						
82	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	66	66	66	66						
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	2	50	51	51						
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	2	50	44	44						
85	Kushihara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	130	163	163						
86	Hobigangj 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	45	67	66	66						
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	156	153	300	300						
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	5	76	73	73						
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	17	16	16						
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	325	320	341	341						
96	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	238	230	230	230						
Sylhet Zone Total					1944	1899	959	1224	1455	1455	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 (NWP,GCCL)	1 x 278+1 x 132	410	410	0	0	0	0	410	Under Maint.	30.01.2020			
99	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	37						
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	0	60	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	36	100						
**	Bheramara (HVDC)	India		1000	1000	176	456	207	650						
Khulna Zone Total					2328	2314	176	506	503	1457	0	410			
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	16	70	110						
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	20	20	20						
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	177	207	175	190						
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	13	62	95	95						
Barishal Zone Total					472	462	203	305	360	445	0	0			
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	70	70	70	1	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	50	50	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	130	180	210	210						
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWP,GCCL)	1x150 + 1x75	220	220	146	200	220	220						
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWP,GCCL)	1x141+1x79	220	220	178	203	220	220						
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	434	409	400	430						
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	22	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	10	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	0	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	948	1150	1738	2034	101	0			
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	20.01.20			
	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	195	200	200						
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*16x2*3	113	113	0	0	113	113						
135	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17						
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	2.5	0	8	0						
Rangpur Zone Total					685	605	163	195	321	347	0	170			
Sub-total: Plants in operation					19580	19057	5895.8	7680	11588	14593	1264	953			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					5528	7039	10865	13683							
(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	5895.8	7680	11588	14593	1264	953			
(C) Actual data of 10.01.20 (Yesterday) Friday :															
01.	Max. Demand (Generation end)	: 7680.00 MW, at = 20:00 hrs P				12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	: 7039.00 MW, at = 20:00 hrs P				Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 7680.00 MW, at = 20:00 hrs				MW	MW	MW	MW	MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	: 5055.00 MW, at = 5:00 hrs				Dhaka	2428	2428	0	Mymensingh	633	633	0		
05.	Day-peak Generation (Generation end)	: 5895.79 MW, at = 12:00 hrs				Chattogram	724	724	0	Sylhet	301	301	0		
06.	Evening-peak Generation (Generation end)	: 7680.00 MW, at = 20:00 hrs				Khulna	914	914	0	Barishal	215	215	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 20:00 hrs P				Rajshahi	914	914	0	Rangpur	215	215	0		
08.	Actual Minimum Generation up to 8:00 hrs.	: 4780.00 MW, at = 5:00 hrs am				Cumilla	695	695	0						
09.	Generation shortfall at evening peak due to :	:				Total							7039	7039	0
	a) Gas limitation	: 1079 MW				13. Fuel cost : (a) Gas = 121023709 Taka (c) Coal = 16598856 Taka									
	d) Coal supply Limitation	: 0 MW				(b) Oil = 13389692 Taka Total = 137622565 Taka									
	b) Low water level in Kaptai lake	: 185 MW													
	c) Plants under shut down/ maintenance	: 953 MW				14. Maximum Temperature in Dhaka was : 24.4° C									
10.	Total Energy (Generation + India Import)	: 145.89 MKWh				15. Export through East-West interconnections :									
	By Gas = 132.137 MKWh	By Oil = 1.352 MKWh				At evening peak-hour : -431 MW, at 20:00 hrs PM									
	By Coal = 4.058 MKWh	By Hydro = 1.066 MKWh				Maximum : -507 MW, at 8:00 hrs									
	By Solar= 0.175 MKWh					Energy : 5.611 MKWh									
11.	Total Gas Supplied	: 1021.16 MMCFD													
(D) Forecast of 11.01.20 (Today) Saturday :															
01.	Maximum Demand	: 8500 MW (Generation end)				04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	: 14593 MW (Generation end)				05. Total Generation : 161.47 MKWh									
03.	Maximum Shortage	: -6093 MW (Generation end)				06. Probable Max. Temperature in Dhaka : 23.4° C									

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation