



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

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

Month January, 2020				Day : Sunday				Date : 12.01.20					
Probable Maximum Demand : 8700 MW				Probable Maximum Generation : 14624 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 95.56 ft		Today = 95.48 ft		Rule Curve = 100.91 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.01.20 (Yesterday)		12.01.20 (Today)		11.01.20 (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)			
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	34	35	35	35		50	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	0	0	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 CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	330	290	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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	352	322	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	450	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	353	335	370	370				
11	Siddhirganj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	335	355	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0				
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	100	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	102	102	102				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22				
21	Summit Power,(Madnabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	57	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	31	16	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	Kalpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	46	50	50				
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	17	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	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	55	55	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	72	72				
Dhaka Zone Total				6047	5811	1957	2271	3679	4328	660	50		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	46	75	45	46	155		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	4.22	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	17	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	48	50	50				
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	17	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	116	138	130	150				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	201	210	215				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	135	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	20	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, Cig.EPZ (United)	Gas	5x8.73+3x9.34			6	29	10	20				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	2	0	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	538.22	792	1405	1616	155	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	125	125	125	125	10		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 CCPP	Gas (APSCL)	1x142+1'75	221	221	183	184	225	225				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	360	315	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	370	324	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	26	45	55	55				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	7	45	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 CCPP	Gas (PDB)	1X106+1x57	163	163	50	82	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	19	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	8	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	10	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	9	113	113				
**	Impoort (Tripura)	India		160	160	86	102	88	107				
Cumilla Zone Total				3040	2980	1284	1351	1679	2362	273	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	157	147	150	150				
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	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	40	115	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	0	100	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.6	0	1.6	0				
Mymensingh Zone Total				645	637	177.6	302	483.6	582	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.01.20 (Yesterday)		12.01.20 (Today)		11.01.20 (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 CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	6	30	60	60				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	66	66	66	66				
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	10	50	44	44				
85	Kushlari 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	67	69	66	66				
88	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	282	302	300	300				
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	7	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	341	285	341	341				
96	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	228	229	230	230				
Sylhet Zone Total				1944	1899	1118	1385	1455	1455	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/CL)	1 x 278+1 x 132	410	410	0	0	0	0	410	Under Maint.	30.01.2020	
99	Fairdipur 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 (NWPGCL)	1 x 150+1x75	230	230	0	0	0	200				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	26	60	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	24	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	32	36	100				
**	Bheramara (HVDC)	India		1000	1000	206	646	303	648				
Khulna Zone Total				2328	2314	206	728	599	1455	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	32	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	7	21	20	20				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	177	182	175	190				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	33	97	95	95				
Barishal Zone Total				472	462	217	332	360	445	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	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	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	38				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	214	214	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	197	191	220	220				
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	202	210	220	220				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	435	432	400	430				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	18	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	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	70	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	1133	1271	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	150	149	200	200				
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*16x 2'3	113	113	0	72	113	113				
135	Saidpur 20 MW GTPP	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	5.2	0	8	0				
Rangpur Zone Total				685	605	155	221	321	347	0	170		
Sub-total: Plants in operation				19580	19057	6786.0	8653	11720	14624	1189	952		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6378	7960	11015	13745				
(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	6786.0	8653	11720	14624	1189	952		
(C) Actual data of 11.01.20 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8653.00	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)	:	7960.00	MW,	at = 19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8653.00	MW,	at = 19:30 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	4780.00	MW,	at = 5:00 hrs	Dhaka	2856	2856	0	Mymensingh	656	656	0
05.	Day-peak Generation (Generation end)	:	6786.02	MW,	at = 12:00 hrs	Chattogram	901	901	0	Sylhet	319	319	0
06.	Evening-peak Generation (Generation end)	:	8653.00	MW,	at = 19:30 hrs	Khulna	1024	1024	0	Barishal	232	232	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:30 hrs P	Rajshahi	1024	1024	0	Rangpur	232	232	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5133.00	MW,	at = 5:00 hrs am	Cumilla	716	716	0				
09.	Generation shortfall at evening peak due to :	:								Total	7960	7960	0
	a) Gas limitation	:	1034	MW		13.	Fuel cost :	(a) Gas = 128639225 Taka	(c) Coal = 15173900 Taka				
	d) Coal supply Limitation	:	0	MW				(b) Oil = 38367009 Taka	Total = 143813125 Taka				
	b) Low water level in Kaptai lake	:	155	MW									
	c) Plants under shut down/ maintenance	:	952	MW									
10.	Total Energy (Generation + India Import)	:	158.25	MKWh		14.	Maximum Temperature in Dhaka was : 17.0° C						
	By Gas = 140.301 MKWh			By Oil = 4.209 MKWh		15.	Export through East-West interconnections :						
	By Coal = 3.710 MKWh			By Hydro = 1.157 MKWh			At evening peak-hour : -361 MW, at 19:30 hrs PM						
	By Solar= 0.148 MKWh						Maximum : -467 MW, at 8:00 hrs						
11.	Total Gas Supplied	:	1037.43	MMCFD			Energy : 4.989 MKWh						
(D) Forecast of 12.01.20 (Today) Sunday :													
01.	Maximum Demand	:	8700	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14624	MW	(Generation end)	05.	Total Generation	:	159.11	MKWh			
03.	Maximum Shortage	:	-5924	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	24.9° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation