



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2019				Day : Wednesday				Date : 18.12.19				
Probable Maximum Demand : 8600 MW				Probable Maximum Generation : 13784 MW				Rule Curve = 104.40 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 97.59 ft				Today = 97.47 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.12.19 (Yesterday)		18.12.19 (Today)		17.12.19 (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
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35	50	Unit-1 Under Maint.	21.12.19
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	99	99	100	100		On Test	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage(On test)	
	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	0	0	0	0	365	Under Maint.	22.12.19
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	104	107	108	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78	Gas Shortage	
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage	
6	Haripur GTTP	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	365	368	360	360			
8	Meghnaghat 450 MW CCPP(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 CCPP	Gas (EGCB)	1x273+1x139	412	412	0	17	307	307			
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	91	97	100	100	113	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	345	344	335	335			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	40	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0			
15	Meghnaghat 100 MW(IE)	HFO (QRPP)	12x8.9	100	100	45	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	36	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	64	94	100	100			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power.(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	57	57	57			
22	Maons 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rupganj 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	52	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	65	149	149			
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	40	47	50	50			
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	30	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x8.14	300	300	0	0	0	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Auraha 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	15	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	1841	2219	3431	4031	821	415	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	82	83	80	80	147		Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	100	100	180	Was Under Maint.	
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.14	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	18.7	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	47	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Siku	HFO (IPP)	6x18.415	105	105	50	17	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	134	150	150			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	216	204	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	50	172	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	50	90	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	34	100	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	18	21	21			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			7	15	7	15			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	50	100			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54			
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
Chattogram Zone Total				2226	2166	663.84	937	1582	1745	147	180	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	120	120	120	120	15	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	60	135	135	74	Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	33	37	37	37			
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	285	285	360	360			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	295	345	240	240			
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*16	195	195	187	8	100	185			
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	150	150			
64	Titus 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	86	0	0	0			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	52	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	11	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	16	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	14	18	20	20			
72	Dauidkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+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	50	0	114			
**	Impoport (Tripura)	India		160	160	86	102	90	105			
Cumilla Zone Total				2927	2867	1198	1178	1511	2075	218	0	
74	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	142	145	210	210			
75	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
76	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	50	94	95	95			
77	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	115	115			
78	Mymensingh 200 MW PP (Limited)	HFO (IPP)	21x9.780	200	200	40	7	100	200			
79	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	1.6	0			
Mymensingh Zone Total				645	637	253.8	381	543.6	642	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.12.19 (Yesterday)		18.12.19 (Today)		17.12.19 (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
80	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
81	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	62	89	65	65				
82	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	47	47	51	51				
83	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	47	50	50				
84	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
85	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	7	11	11	11				
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	31	67	66	66				
87	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0	330	Under Maint.	25.12.19	
88	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	73	79	79	79				
89	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0	142	Under Overhauling	31.01.20	
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	17	17				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	34	35	40	40				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	16	24	24	24				
94	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	0	0				
95	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	321	363	400	400				
Sylhet Zone Total				1944	1899	891	1012	1036	1036	0	472		
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
97	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	300	170	300	300				
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	25				
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	4	4	30	70				
100	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	200				
101	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	66	16	0	115				
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	80	100				
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	50	0	100				
**	Bheramara (HVDc)	India		1000	1000	299	640	301	650				
Khulna Zone Total				2328	2314	669	920	801	1745	0	0		
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	70	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	11	12	20	20				
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	115	115	120	120				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95				
Barishal Zone Total				472	462	126	191	305	375	0	0		
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	50	50	50	50	21		Gas Shortage	
112	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	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	42				
120	Santhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	200	192	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	180	173	0	0				
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	196	195	220	220				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	125	419	290	400				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	14	14				
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	9	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	108	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	796	1234	1392	1768	121	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	21.12.19
132	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Shutdown for Low Demand	
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	260	260	200	220				
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	113	113	113				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
137	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	2.6	0	8	0				
Rangpur Zone Total				685	605	263	373	321	367	0	170		
Sub-total: Plants in operation				19467	18944	6701.2	8445	10923	13784	1307	1237		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6366	7899	10375	13094				
(B) Contract expired power plants													
136	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			Contract expired	
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance				103	103	0	0	0	0				
Gross Total				19570	19047	6701.2	8445	10923	13784	1307	1237		
(C) Actual data of 17.12.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end) : 8445.00 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) : 7899.00 MW, at = 19:00 hrs P					Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end) : 8445.00 MW, at = 19:00 hrs					Dhaka	3024	3024	0	Mymensingh	629	629	0
04.	Minimum Generation (Generation end) : 4671.00 MW, at = 5:00 hrs					Chattogram	783	783	0	Sylhet	318	318	0
05.	Day-peak Generation (Generation end) : 6701.24 MW, at = 12:00 hrs					Rajshahi	991	991	0	Barishal	221	221	0
06.	Evening-peak Generation (Generation end) : 8445.00 MW, at = 19:00 hrs					Khulna	991	991	0	Rangpur	221	221	0
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 19:00 hrs P					Cumilla	721	721	0				
08.	Actual Minimum Generation up to 8:00 hrs. : 5179.00 MW, at = 5:00 hrs												
09.	Generation shortfall at evening peak due to : :									Total	7899	7899	0
	a) Gas limitation : 1160 MW					13.	Fuel cost : (a) Gas = 120778952 Taka		(c) Coal = 21753074 Taka				
	d) Coal supply Limitation : 0 MW						(b) Oil = 118220908 Taka		Total = 142532026 Taka				
	b) Low water level in Kaptai lake : 147 MW												
	c) Plants under shut down/ maintenance : 1237 MW					14.	Maximum Temperature in Dhaka was : 25.7° C						
10.	Total Energy (Generation + India Import) : 154.62 MKWh					15.	Export through East-West interconnections :						
	By Gas = 124.747 MKWH						At evening peak-hour		60	MW,	at 19:00 hrs PM		
	By Coal = 5.319 MKWH						Maximum		-335	MW,	at 8:00 hrs		
	By Solar= 0.172 MKWH						Energy		2.1535	MKWh			
11.	Total Gas Supplied : 1056.70 MMCFD												
(D) Forecast of 18.12.19 (Today) Wednesday :													
01.	Maximum Demand : 8600 MW (Generation end)					04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation : 13784 MW (Generation end)					05.	Total Generation : 157.45 MKWh						
03.	Maximum Shortage : -5184 MW (Generation end)					06.	Probable Max. Temperature in Dhaka : 24.5° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation