



**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel: 9564667, 9531095

Month December, 2019		Day : Tuesday				Date : 10.12.19							
Probable Maximum Demand : 8700 MW		Yesterday = 98.67 ft				Today = 98.52 ft				Rule Curve = 105.19 ft			
Water Level of Kaptai Lake at 06:00 AM													
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.12.19 (Yesterday)		10.12.19 (Today)		09.12.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	Probable shut-up date	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)			Description/ Remarks
					Day	Evening	Day	Evening					
(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.	13.12.19
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	159	159	134	190			On Test	
	c) Ghorasal Repowered CCGP 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 CCGP 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	110	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 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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	358	318	360	360				
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	374	344	412	412				
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	60	57	100	100	153		Gas Shortage	
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	338	352	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	100	100			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	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	3	15	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	2	0	100	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	10	0	100	100				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22				
21	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	55	56	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	31	31	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	25	52	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	70	90	90				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	75	149	149				
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	18	47	48	48				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	0	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	15	145	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149				
31	Ketaniganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	0	200	300				
32	Bramhangonj 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	25	35	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	16	72	72	72				
Dhaka Zone Total				6047	5811	2147	2530	3758	4214	861	415		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	81	80	80	80	150		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	0	0		180	Under Maint.	17.12.19
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.148	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	51	105	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Under Maint.	16.12.19
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	229	204	215	215				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	0	0	230	300				
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	100	100	100				
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	0	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	17	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	19	19	19				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	14	10	13				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	25	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	516.148	694	1333	1491	150	330		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	100	100	100	35		Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	100	100	100	100	29		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	37	37	37	37				
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1775	221	221	0	0	0	0				
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	180	320	360	360				
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	360	340	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+1'16	195	195	8	45	45	45				
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	50	150	150				
64	Titus 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	91	80	90	90				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	17	150	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	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	16	21	20	20				
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x11.4+40x15.15+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				
**	Impopt. (Tripura)	India		160	160	88	110	99	125				
Cumilla Zone Total				2927	2867	1036	1329	1620	2110	198	0		
74	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	153	146	160	160				
75	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	2	2	22	22				
76	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	8	95	95				
77	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115				
78	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	110	127	100	200				
79	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	1.6	0				
Mymensingh Zone Total				645	637	294.9	303	493.6	592	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.12.19 (Yesterday)		10.12.19 (Today)		09.12.19 (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)			
80	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	28	29	30	30				
81	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	52	60	52	52				
82	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
83	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	44	44				
84	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
85	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	69	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 (Shahjibazar)	Gas (RPP)	32x2.90	86	86	73	76	76	76				
89	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0	142	Under Overhauling	31.01.2020	
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	20	20				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	35	39	40	40				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
94	Bitiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	300	341	341				
95	Bitiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	399	366	400	400				
Sylhet Zone Total					1944	1899	1203	1264	1328	1328	0	472	
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	0				
97	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	250	210	300	300				
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	0				
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	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	0	0	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 (Oron rupsha)	HFO (IPP)	6x18.445	105	105	0	17	20	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.445	105	105	0	54	0	100				
**	Bheramara (HVDC)	India		1000	1000	286	627	288	635				
Khulna Zone Total					2328	2314	536	948	728	1705	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	19	25	26	26				
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	115	101	120	120				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95				
Barishal Zone Total					472	462	134	190	311	381	0	0	
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71		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	Santahar 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	191	190	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	140	140	140	140				
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	197	200	220	220				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	344	397	400	400				
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	12	12	14	14				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
128	Natore 52 MW PP (Rajjanka)	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				
129	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	0	113				
Rajshahi Zone Total					2193	2183	913	1170	1592	1858	171	0	
130	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	21.12.19	
131	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	180	180	200	220				
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	113	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
135	Majpara, Tatulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	5.2	0	8	0				
Rangpur Zone Total					685	605	185	293	321	367	0	170	
Sub-total: Plants in operation					19467	18944	6965	8721	11485	14046	1380	1387	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					6593	8123	10871	13295					
(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	6965	8721	11485	14046	1380	1387	
(C) Actual data of 09.12.19 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	8721.00	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)	:	8123.00	MW,	at = 19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8721.00	MW,	at = 19:00 hrs	Dhaka	3202	3202	0	Mymensingh	634	634	0
04.	Minimum Generation (Generation end)	:	5388.00	MW,	at = 4:00 hrs	Chattogram	889	889	0	Sylhet	325	325	0
05.	Day-peak Generation (Generation end)	:	6965.25	MW,	at = 12:00 hrs	Khulna	962	962	0	Barishal	234	234	0
06.	Evening-peak Generation (Generation end)	:	8721.00	MW,	at = 19:00 hrs P	Rajshahi	962	962	0	Rangpur	234	234	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs P	Cumilla	681	681	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5279.00	MW,	at = 5:00 hrs am								
09.	Generation shortfall at evening peak due to :												
a)	Gas limitation	:	1230	MW		13.	Fuel cost :		(a) Gas = 130385228	Taka	(c) Coal = 17074523	Taka	
b)	Coal supply Limitation	:	0	MW					(b) Oil = 90259065	Taka	Total = 147459751	Taka	
c)	Low water level in Kaptai lake	:	150	MW									
d)	Plants under shut down/ maintenance	:	1387	MW		14.	Maximum Temperature in Dhaka was :		27.4° C				
10.	Total Energy (Generation + India Import)	:	165.17	MKWh		15.	Export through East-West interconnections :						
	By Gas = 140.040	MKWH		By Oil = 9.425	MKWh		At evening peak-hour		-110		MW,	at 19:00 hrs PM	
	By Coal = 4.175	MKWH		By Hydro = 1.907	MKWh		Maximum		-355		MW,	at 8:00 hrs	
	By Solar = 0.100	MKWH					Energy		2.56		MKWh		
11.	Total Gas Supplied	:	1107.39	MMCFD									
(D) Forecast of 10.12.19 (Today) Tuesday :													
01.	Maximum Demand	:	8700	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14046	MW	(Generation end)	05.	Total Generation : 164.77 MKWh						
03.	Maximum Shortage	:	-5346	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 25.8° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation