



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month December, 2019		Day : Thursday				Date : 12.12.19							
Probable Maximum Demand :		8600 MW		Probable Maximum Generation : 13958 MW									
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 98.38 ft		Today = 98.23 ft		Rule Curve = 105.00 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	9	11.12.19 (Yesterday)		12.12.19 (Today)		11.12.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	Probable start-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	154	154	190	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	6	109	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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	333	367	360	360				
8	Meghnaghat 450 MW CCGP(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 CCGP	Gas (EGCB)	1x273+1x139	412	412	383	368	412	412				
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	37	85	100	100	125		Gas Shortage	
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	220	350	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0				
15	Meghnaghat 100 MW(IE)	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	42	15	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	100	100				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22				
21	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	56	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	0	33	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	44	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	48	149	149				
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	47	46	48	48				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	17	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	200	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)	25x6.14	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	35	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	72	72	72				
Dhaka Zone Total				6047	5811	1732	2524	3624	4224	833	415		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	80	80	80	80	150		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	100	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	3.711	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknat 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	15.46	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	12	50	50				
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	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	230	201	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	0	100	100	100				
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	102	40	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	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	21	21	21				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	8	5	10				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	50	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	573.171	737	1310	1490	150	330		
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	110	110	110	110	19		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	365	320	360	360				
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	305	305	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	55	55				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	7	25	43	43				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	35	150	150				
64	Titas 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	90	82	90	90				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	35	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	8	11	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	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	6	5	20	20				
72	Daudkandi 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	0	0	114				
**	Impopt. (Tripura)	India		160	160	82	102	99	125				
Cumilla Zone Total				2927	2867	1120	1247	1640	2130	208	0		
74	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	156	145	160	160				
75	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
76	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	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	70	200	100	200				
79	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.6	0	1.6	0				
Mymensingh Zone Total				645	637	249.6	375	493.6	592	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	9	11.12.19 (Yesterday)		12.12.19 (Today)		11.12.19 (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	Fenchuganj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	30					
81	Fenchuganj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	63	65	52					
82	Fenchuganj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	49	53	51					
83	Fenchuganj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44					
84	Kushlira 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	163	163					
85	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11					
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	65	69	66					
87	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	330		Under Maint.	25.12.19	
88	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	79	79	76					
89	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	0	0	0	142		Under Overhauling	31.01.2020	
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	17					
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	34	39	40					
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10					
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	24					
94	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	310	341					
95	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	407	363	400					
Sylhet Zone Total				1944	1899	1243	1283	1325	1325	0	472		
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0					
97	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	240	120	200					
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0					
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0					
100	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0					
101	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	0					
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	80					
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40					
104	Rupsha 105 MW PP (Oron rupsha)	HFO (IPP)	6x18.445	105	105	0	53	20					
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.445	105	105	0	54	0					
**	Bheramara (HVDC)	India		1000	1000	282	622	289					
Khulna Zone Total				2328	2314	522	889	629	1731	0	0		
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0					
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	70					
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	27	26					
109	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	118	112	120					
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95					
Barishal Zone Total				472	462	130	203	311	381	0	0		
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71		Gas Shortage		
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	100		Gas Shortage		
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200					
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
115	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	32	50					
116	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80					
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40					
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40					
119	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
120	Sirajganj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	205	154	210					
121	Sirajganj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	168	134	0					
122	Sirajganj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	194	160	220					
123	Sirajganj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	432	413	400					
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22					
125	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	14					
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11					
127	Natore 52 MW PP (Rajjanka)	HFO (IPP)	6x8.92	52	52	0	0	52					
128	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	113					
129	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	0					
Rajshahi Zone Total				2193	2183	1043	1055	1452	1718	171	0		
130	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0			85	Under Maintenance	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0			85	Shutdown for Low Demand	
131	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	180	180	200					
132	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0					
133	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	35	113					
134	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0					
135	Majpara, Tatulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.6	0	8					
Rangpur Zone Total				685	605	185	215	321	367	0	170		
Sub-total: Plants in operation				19467	18944	6797.4	8528	11106	13958	1362	1387		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6509	8047	10634	13366				
(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	6797.4	8528	11106	13958	1362	1387		
(C) Actual data of 11.12.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	8528.00	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)	:	8047.00	MW,	at = 19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8528.00	MW,	at = 19:00 hrs	Dhaka	3060	3060	0	Mymensingh	631	631	0
04.	Minimum Generation (Generation end)	:	5134.00	MW,	at = 5:00 hrs	Chattogram	916	916	0	Sylhet	326	326	0
05.	Day-peak Generation (Generation end)	:	6797.37	MW,	at = 12:00 hrs	Khulna	985	985	0	Barishal	221	221	0
06.	Evening-peak Generation (Generation end)	:	8528.00	MW,	at = 19:00 hrs	Rajshahi	985	985	0	Rangpur	221	221	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs P	Cumilla	702	702	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5146.00	MW,	at = 5:00 hrs am								
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation	:	1212	MW		13.	Fuel cost :	(a) Gas = 126847477 Taka	(c) Coal = 17900703 Taka				
	b) Coal supply Limitation	:	0	MW				(b) Oil = 88787484 Taka	Total = 144748180 Taka				
	d) Low water level in Kaptai lake	:	150	MW									
	c) Plants under shut down/ maintenance	:	1387	MW		14.	Maximum Temperature in Dhaka was :	26.8° C					
10.	Total Energy (Generation + India Import)	:	161.01	MKWh		15.	Export through East-West interconnections :						
	By Gas = 136.079 MKWH			By Oil = 9.174 MKWh			At evening peak-hour	-347	MW,	at 19:00 hrs PM			
	By Coal = 4.377 MKWH			By Hydro = 1.877 MKWh			Maximum	-360	MW,	at 24:00			
	By Solar = 0.145 MKWH						Energy	2.1905	MKWh				
11.	Total Gas Supplied	:	1076.49	MMCFD									
(D) Forecast of 12.12.19 (Today) Thursday :													
01.	Maximum Demand	:	8600	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	13958	MW	(Generation end)	05.	Total Generation	:	162.36	MKWh			
03.	Maximum Shortage	:	-5358	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