



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month December, 2019		Day: Monday				Date: 16.12.19							
Probable Maximum Demand :		8000 MW		Probable Maximum Generation : 13443 MW									
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 97.84 ft		Today = 97.71 ft		Rule Curve = 104.60 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.12.19 (Yesterday)		16.12.19 (Today)		15.12.19 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)			
					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.	21.12.19
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	115	114	170	170			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	101	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 GTPP	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	348	347	360	360				
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	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	355	355	412	412				
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	67	40	100	100	170		Gas Shortage	
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	300	335	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(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	22	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	7	0	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+7x3.73	80	80	56	49	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	29	29	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	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	100	149	149				
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	46	46	50	50				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	35	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	300	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	0	300				
32	Bramhanganj 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	17	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	32	72	72	72				
Dhaka Zone Total				6047	5811	1976	2573	3606	4206	878	415		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	81	82	80	80	148		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.	18.12.19
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.291	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	19.39	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50				
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	68	105	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under Maint.	18.12.19
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	217	215	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	50	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	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	16	18	21	21				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			12	25	10	15				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	98	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	587.681	763	1335	1495	148	330		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	90	100	100	100	35		Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	140	140	140	140				
	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	360	340	360	360				
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	365	325	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	83	167	100	185				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	25	43	43	43				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	50	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	91	90	90	90				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	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	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	10	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	54	102	86	109				
Cumilla Zone Total				2927	2867	1321	1481	1702	2274	169	0		
74	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	154	143	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	36	192	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	213.9	365	493.6	592	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.12.19 (Yesterday)		16.12.19 (Today)		15.12.19 (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	60	60	60	60				
81	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	65	65	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	50	50	50				
84	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	100	163	163				
85	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	5	11	11				
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	31	32	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	76	79	79	79				
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	17	17				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	10	37	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	340	320	0	0				
95	Bitiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	395	362	400	400				
Sylhet Zone Total				1944	1899	1255	1208	1036	1036	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	265	240	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	7	4	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	0	50	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.445	105	105	0	15	0	100				
**	Bheramara (HVDC)	India		1000	1000	290	616	167	425				
Khulna Zone Total				2328	2314	562	915	637	1520	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	48	70	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	25	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	132	188	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	12	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	204	184	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	217	202	210	210				
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	211	190	220	220				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	14	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	0	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	726	798	1312	1578	121	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	160	160	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	66	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.8	0	8	0				
Rangpur Zone Total				685	605	165	226	321	367	0	170		
Sub-total: Plants in operation				19467	18944	6938.4	8517	10748	13443	1316	1387		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6512	7900	10088	12618				
(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	6938.4	8517	10748	13443	1316	1387		
(C) Actual data of 15.12.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	8517.00	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)	:	7900.00	MW,	at = 19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8517.00	MW,	at = 19:30 hrs	Dhaka	2997	2997	0	Mymensingh	604	604	0
04.	Minimum Generation (Generation end)	:	5307.00	MW,	at = 5:00 hrs	Chattogram	888	888	0	Sylhet	324	324	0
05.	Day-peak Generation (Generation end)	:	6938.38	MW,	at = 12:00 hrs	Khulna	973	973	0	Barishal	215	215	0
06.	Evening-peak Generation (Generation end)	:	8517.00	MW,	at = 19:30 hrs	Rajshahi	973	973	0	Rangpur	215	215	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:30 hrs	Cumilla	711	711	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5134.00	MW,	at = 5:00 hrs					Total	7900	7900	0
09.	Generation shortfall at evening peak due to :												
a)	Gas limitation	:	1168	MW		13.	Fuel cost :		(a) Gas = 130514848	Taka	(c) Coal = 15960407	Taka	
b)	Coal supply Limitation	:	0	MW					(b) Oil = 105504171	Taka	Total = 146475255	Taka	
c)	Low water level in Kaptai lake	:	148	MW									
d)	Plants under shut down/ maintenance	:	1387	MW		14.	Maximum Temperature in Dhaka was : 27.8° C						
10.	Total Energy (Generation + India Import)	:	162.90	MKWh		15.	Export through East-West interconnections :						
	By Gas = 136.872	MKWH		By Oil = 10.913	MKWh		At evening peak-hour		-512	MW,	at 19:30 hrs PM		
	By Coal = 3.902	MKWH		By Hydro = 1.936	MKWh		Maximum		-556	MW,	at 2:00 hrs		
	By Solar = 0.189	MKWH					Energy		6.0675	MKWh			
11.	Total Gas Supplied	:	1099.14	MMCFD									
(D) Forecast of 16.12.19 (Today) Monday :													
01.	Maximum Demand	:	8000	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	13443	MW	(Generation end)	05.	Total Generation : 153.02 MKWh						
03.	Maximum Shortage	:	-5443	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 24.2° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation