



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9531095

Month December, 2019				Day : Friday				Date : 06.12.19				
Probable Maximum Demand : 8000 MW				Probable Maximum Generation : 14072 MW				Rule Curve = 105.55 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.17 ft				Today = 99.01 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.12.19 (Yesterday)		06.12.19 (Today)		05.12.19 (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)		
(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.	10.12.19
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	133	189	150	190		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	80	107	105	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	334	327	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	360	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	377	344	412	412			
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	97	37	100	100	173	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	300	270	236	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(IEI)	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	0	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	0	19	22	22			
21	Summit Power.(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	55	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	32	31	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	33	51	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	88	90			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	10	149	149			
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	47	48	48			
28	Kamalaghat 54 MW PP (Barco 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	0	174	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)	25x11.4	300	300	0	0	200	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	35	35	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	72	72	72			
Dhaka Zone Total				6047	5811	1945	2211	3670	4214	881	415	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	82	82	94	94			
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0			
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.4	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	18.86	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	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	144	144	150	150			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	216	203	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	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	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	19	19	19	19			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	10	5	10			
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	589.26	911	1472	1632	0	0	
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	30	100	100			
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	37	30	37	37			
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	200	199	200	200			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	350	315	360	360			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	315	140	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	64	64	45	45			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	10	43	43	43			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	100	100	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	0	0	0	0			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	90	150	200			
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	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	2	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	12	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	0			
**	Impoort (Tripura)	India		160	160	90	110	103	131			
Cumilla Zone Total				2927	2867	1222	1326	1704	2132	144	0	
74	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	152	160	160	161			
75	Tangail 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	40	95	95			
77	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115			
78	Myensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	200	100	200			
79	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	1.6	0			
Myensingh Zone Total				645	637	176.2	422	493.6	593	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	05.12.19 (Yesterday)		06.12.19 (Today)		05.12.19 (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	59	60	60						
81	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	60	60	62	62						
82	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	5	53	51	51						
83	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	49	44	44						
84	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	100	163	163						
85	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	8	11	11						
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	66	55	66	66						
87	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0						
88	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	5	79	76	76						
89	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0						
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	17	20	20						
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	27	36	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	0	24	24	24						
94	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	325	265	341	341						
95	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	360	366	400	400						
Sylhet Zone Total				1944	1899	1067	1181	1368	1368	0	0				
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	250	185	300	300						
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	40						
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 (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	17	20	105						
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	54	0	100						
**	Bheramara (HVDC)	India		1000	1000	446	733	175	446						
Khulna Zone Total				2328	2314	696	1029	615	1556	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	110	110	70	110						
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	25	26	26						
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	60	180	180						
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95						
Barishal Zone Total				472	462	126	195	371	441	0	0				
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	60	50	71	71	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	42	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	214	187	210	210						
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0						
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	194	202	220	220						
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	395	381	400	400						
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	3	22	22	22						
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	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	0	113	113						
129	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	97	0	113						
Rajshahi Zone Total				2193	2183	887	1014	1525	1789	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	199	290	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	113	113	113						
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17						
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	5.5	0	8	0						
Rangpur Zone Total				685	605	205	403	321	347	0	170				
Sub-total: Plants in operation				19467	18944	6913	8692	11540	14072	1146	585				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6539	8119	10916	13311						
(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	6913	8692	11540	14072	1146	585				
(C) Actual data of 05.12.19 (Yesterday) Thursday :															
01.	Max. Demand (Generation end)	:	8692.00	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)	:	8119.00	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)	:	8692.00	MW,	at = 19:00 hrs	Dhaka	3195	3195	0	Mymensingh	632	632	0		
04.	Minimum Generation (Generation end)	:	5196.00	MW,	at = 5:00 hrs	Chattogram	851	851	0	Sylhet	327	327	0		
05.	Day-peak Generation (Generation end)	:	6912.96	MW,	at = 12:00 hrs	Khulna	990	990	0	Barishal	221	221	0		
06.	Evening-peak Generation (Generation end)	:	8692.00	MW,	at = 19:00 hrs P	Rajshahi	990	990	0	Rangpur	221	221	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:00 hrs P	Cumilla	692	692	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	5338.00	MW,	at = 5:00 hrs am										
09.	Generation shortfall at evening peak due to :										Total	8119	8119		
	a) Gas limitation	:	1146	MW		13.	Fuel cost :		(a) Gas = 125795450 Taka	(c) Coal = 23713820 Taka					
	d) Coal supply Limitation	:	0	MW			(b) Oil = 88207411 Taka		Total = 149509270 Taka						
	b) Low water level in Kaptai lake	:	0	MW											
	c) Plants under shut down/ maintenance	:	585	MW		14.	Maximum Temperature in Dhaka was : 31.5° C								
10.	Total Energy (Generation + India Import) :										15.	Export through East-West interconnections :			
	By Gas = 135.142 MKWH		By Oil = 8.918 MKWh				At evening peak-hour		-70	MW,	at 19:00 hrs PM				
	By Coal = 5.798 MKWH		By Hydro = 2.231 MKWh				Maximum		-335	MW,	at 23:00 hrs				
	By Solar= 0.199 MKWH						Energy		1.8975	MKWh					
11.	Total Gas Supplied	:	1099.30	MMCFD											
(D) Forecast of 06.12.19 (Today) Friday :															
01.	Maximum Demand	:	8000	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	14072	MW	(Generation end)	05.	Total Generation : 150.71 MKWh								
03.	Maximum Shortage	:	-6072	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 28.3° C								

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation