



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9531095

Month December, 2019				Day : Wednesday				Date : 04.12.19					
Probable Maximum Demand : 8600 MW				Probable Maximum Generation : 13800 MW				Rule Curve = 105.73 ft.					
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.49 ft				Today = 99.34 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.12.19 (Yesterday)		04.12.19 (Today)		03.12.19 (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
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	10	35	35		75	Unit-2 Under Maint.	07.12.19
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	189	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				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	105	104	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	363	335	360	360				
8	Meghnaghat 450 MW CCPP(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 CCPP	Gas (EGCB)	1x273+1x139	412	412	365	352	412	412				
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	62	40	100	100	170		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	232	236	335		103	ST Under Maint.	05.12.2019
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	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	0	0	100	100				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22				
21	Summit Power (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	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	25	25	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	16	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	17	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	6	46	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	120	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	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	0	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	43	72	72	72				
Dhaka Zone Total				6047	5811	1713	2217	3670	4214	878	178		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	95	97	94	94				
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	100				
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	90	90	0	0				
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.7	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	19.7	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	22	105	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	144	150	150				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	217	207	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	50	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	0	19	19	19				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	18	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	13	54	54				
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110				
Chattogram Zone Total				2226	2166	597.4	991	1372	1632	0	0		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	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	100	135	135	135				
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	37	37	37	37				
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	201	202	200	200				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	345	340	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	55	55				
61	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	45	45	45	45				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	43	43	43				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	50	100	150				
64	Titus 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	8	50				
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	91	90	95	95				
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	22	22	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	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	20	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	94	110	106	132				
Cumilla Zone Total				2927	2867	1124	1275	1540	1958	144	0		
74	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	156	161	160	161				
75	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	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	55	180	100	200				
79	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	1.6	0				
Mymensingh Zone Total				645	637	233.1	371	493.6	593	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.12.19 (Yesterday)		04.12.19 (Today)		03.12.19 (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	60	62	62	62				
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	50	50	44	44				
84	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
85	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	8	11	11				
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	34	69	66	66				
87	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	0	0				
88	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	76	76	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	17	17	20	20				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	34	37	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	24	24	24	24				
94	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	305	341	341				
95	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	397	372	400	400				
Sylhet Zone Total				1944	1899	1303	1273	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	270	215	270	270				
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	17	53	20	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	36	0	100				
**	Bheramara (HVDC)	India		1000	1000	298	448	300	449				
Khulna Zone Total				2328	2314	585	792	710	1529	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	16	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	153	183	180	180				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	11	40	95	95				
Barishal Zone Total				472	462	180	264	371	441	0	0		
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0			Gas Shortage	
112	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	71		Gas Shortage	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50	100			
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	25	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	205	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	195	213	220	220				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	408	438	400	400				
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 (SIIP, REB)	4x2.90	11	11	8	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	50	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	861	1091	1454	1718	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	160	160	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	95	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	4.4	0	8	0				
Rangpur Zone Total				685	605	164	255	321	347	0	170		
Sub-total: Plants in operation				19467	18944	6761	8529	11300	13800	1193	348		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6488	8056	10844	13243				
(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	6761	8529	11300	13800	1193	348		
(C) Actual data of 03.12.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end) : 8529.00 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) : 8056.00 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) : 8529.00 MW, at = 19:00 hrs					Dhaka	3120	3120	0	Mymensingh	618	618	0
04.	Minimum Generation (Generation end) : 5287.00 MW, at = 5:00 hrs					Chattogram	904	904	0	Sylhet	321	321	0
05.	Day-peak Generation (Generation end) : 6760.90 MW, at = 12:00 hrs					Khulna	970	970	0	Barishal	222	222	0
06.	Evening-peak Generation (Generation end) : 8529.00 MW, at = 19:00 hrs					Rajshahi	970	970	0	Rangpur	222	222	0
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 19:00 hrs P					Cumilla	709	709	0				
08.	Actual Minimum Generation up to 8:00 hrs. : 5243.00 MW, at = 5:00 hrs am												
09.	Generation shortfall at evening peak due to :									Total	8056	8056	0
	a) Gas limitation : 1193 MW					13.	Fuel cost :		(a) Gas = 129958523 Taka	(c) Coal = 16418078 Taka			
	d) Coal supply Limitation : 0 MW						(b) Oil = 78482390 Taka		Total = 146376601 Taka				
	b) Low water level in Kaptai lake : 0 MW												
	c) Plants under shut down/ maintenance : 348 MW					14.	Maximum Temperature in Dhaka was : 27° C						
10.	Total Energy (Generation + India Import) : 162.16 MKWh					15.	Export through East-West interconnections :						
	By Gas = 138.749 MKWH By Oil = 8.313 MKWh						At evening peak-hour		-224	MW, at 19:00 hrs PM			
	By Coal = 4.014 MKWH By Hydro = 2.268 MKWh						Maximum		-297	MW, at 19:30 hrs			
	By Solar= 0.178 MKWH						Energy		1.9795	MKWh			
11.	Total Gas Supplied : 1145.33 MMCFD												
(D) Forecast of 04.12.19 (Today) Wednesday :													
01.	Maximum Demand : 8600 MW (Generation end)					04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation : 13800 MW (Generation end)					05.	Total Generation : 163.51 MKWh						
03.	Maximum Shortage : -5200 MW (Generation end)					06.	Probable Max. Temperature in Dhaka ; 26.7° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation