Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: December, 2017 | Day : **Monday** | Date : **04.12.17**

Probable Maximum Demand : 8100 MW | **Probable Maximum Generation :** 9820 MW

Water Level of Kaptai Lake at 06:00 AM Yesterday = **103.61** ft Today = **103.49** ft. Rule Curve = **105.73** ft.

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.12.17 (Yesterday) Actual Peak Generation (MW)		04.12.17 (Today) Probable Peak Generation (MW)		03.12.17 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
											Gas/ water limitation	Machines shut down	Description/ Remarks	Probable start-up date
							Day	Evening	Day	Evening	MW	(MW)		
(A)	**Plants in operation:**													
1	a) Ghorasal ST:Unit -1	Gas	(PDB)	1 x 55	55	40	35	35	35	35				
	b) Ghorasal ST:Unit -2	Gas	(PDB)	1 x 55	55	45	43	38	38	38				
	c) Ghorasal ST:Unit-3	Gas	(PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage	
	d) Ghorasal ST:Unit-4	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	(e) Ghorasal ST:Unit-5	Gas	(PDB)	1 x 210	210	190	210	210	210	210				
	Ghorasal CCPP:Unit-7	Gas	(PDB)				0	0	0	0			On Test	
2	Ghorasal 100MW (Aggreko)	Gas	(QRPP)	128X0.85	100	100	32	97	85	100				
3	Ghorasal 45MW (Aggreko)	Gas	(QRPP)	58x0.85	45	45	43	46	45	45				
4	Ghorashal (Regent)	Gas	(IPP)	34x3.35	108	108	55	99	80	100				
5	Ghorasal 78.5MW (Max)	Gas	(QRPP)	2x40	78	78	50	40	78	78				
6	Tongi GT	Gas	(PDB)	1 x 105	105	105	0	0	0	0		105	Under Maintenance	31.12.17
7	Horipur GT: Unit-1,2	Gas	(PDB)	2 x 32	64	40	30	40	40	40				
8	Horipur NEPC (HFO)	HFO	(IPP)	8x15	110	110	0	13	83	83				
9	Horipur Power CCPP	Gas	(IPP)	1x235+1x125	360	360	267	155	360	360				
10	Meghnaghat CCPP	Gas	(IPP)	2x140+1x170	450	450	435	410	450	450				
11	Shiddirganj ST	Gas	(PDB)	1 x 210	210	115	110	115	110	115				
12	Horipur 412MW CCPP	Gas	(EGCB)	1x273+1x139	412	412	360	390	400	412				
13	Shiddirganj GT:Unit-1&2	Gas	(EGCB)	2 x 105	210	210	100	63	40	40	147		Gas Shortage	
	Siddhirganj CCPP-335 MW GT	Gas	(EGCB)				0	0	0	0			On Test	
14	Siddirganj (Desh)	HSD	(QRPP)	96x1.2	100	100	0	0	100	100				
15	Siddirganj (Dutch Bangla)	HFO	(QRPP)	12x8.9	100	100	7	50	80	83		.		
16	Pagla (DPA)	HSD	(QRPP)	100x0.5	50	50	41	10	50	50				
17	Meghnaghat CCPP (Summit)	HSD	(IPP)	2x110+1x110	305	305	0	0	305	305				
18	Meghnaghat (IEL)	HFO	(QRPP)	12x8.9	100	100	7	90	100	90				
19	Madanganj (Summit)	HFO	(QRPP)	6x17	102	100	13	48	100	100				
20	Madanganj-55 MW	HFO	(IPP)	5x17.08+1x11.3	55	55	15	55	55	55				
21	Keranigonj (Powerpac)	HFO	(QRPP)	8x13.45	100	100	30	65	80	80				
22	Gagnagar (Orion)	HFO	(IPP)	12x8.924	102	102	16	102	90	102				
23	Narshingdi (Doreen)	Gas	(SIPP, REB)	8x2.90	22	22	16	16	16	16				
24	Summit Power,(Madhabdi+Ashulia)	Gas	(SIPP, REB)	6x3.67+7x8.73	80	80	32	31	58	55				
25	Summit Power, Maona	Gas	(SIPP, REB)	4x8.73	33	33	25	25	33	33				
26	Summit Power, Rupganj	Gas	(SIPP, REB)	4x8.73	33	33	31	31	31	33				
27	Gazipur (RPCL)	HFO	(RPCL)	6x8.90	52	52	43	42	43	42				
28	Kodda, Gajipur	HFO	(BPDB-RPCL)	9x17.06	149	149	48	95	132	132				
29	Kathpotti 52 MW	HFO	(IPP)	7x7.90	51	51	0	30	35	42				
	Banco Energy 54MW	HFO	(IPP)				18	54	18	54			On Test	
30	Southern Power	HFO	(IPP)	3x19.3	55	55	17	55	55	55				
31	Northern 55 MW	HFO	(IPP)	3x19.3	55	55	18	55	55	55				
32	Bosila 108 MW (CLC)	HFO	(IPP)	12x8.775+1x3.5	108	108	24	94	64	94			COD 22.02.2017	
	Dhaka Zone Total				**4644**	**4408**	**2171**	**2699**	**3554**	**3682**	**497**	**105**		
33	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro	(PDB)	2x40, 3x50	230	230	82	83	150	175				
34	a) Chittagong ST:Unit -1	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	b) Chittagong ST:Unit -2	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
35	Raozan 25 MW (RPCL)	HFO	(RPCL)	3x8.9	25	25	9	26	25	25				
36	Patenga 50MW (Barakatullah)	HFO	(IPP)	8x6.89	50	50	6	45	35	45				
37	Shikalbaha ST	Gas	(PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
38	Shikalbaha Peaking GT	HSD	(PDB)	1 x 150	150	150	0	0	100	100				
	Sikalbaha 225 MW GT	HSD	(PDB)				251	146	0	0			On Test	
39	Sikalbaha (Energis)	HFO	(RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	12	51	51	51				
40	Julda (Acorn)	HFO	(QRPP)	8x13.45	100	100	58	75	60	75				
41	Dohazari-Kalaish Peaking	HFO	(PDB)	6x17.0	102	102	17	85	17	102				
42	Hathazari Peaking	HFO	(PDB)	11x8.9	98	98	0	85	0	85				
43	Barabkunda (Regent)	Gas	(SIPP, PDB)	8x2.90	22	22	16	17	20	17				
*	Malancha, Ctg.EPZ (United)	Gas		5x8.73+3x9.34			2	15	10	15				
44	Chittagong (ECPV)	HFO	(IPP)	16x7.00	108	108	53	79	90	90				
	Chittagong Zone Total				**1416**	**1336**	**506**	**707**	**558**	**780**	**400**	**0**		
45	a) Ashuganj ST: Unit-2	Gas	(APSCL)	1 x 64	64	53	0	0	0	0	53		Gas Shortage	
	b) Ashuganj ST:Unit-3	Gas	(APSCL)	1 x 150	150	135	148	148	148	148				
	c) Ashuganj ST:Unit-4	Gas	(APSCL)	1 x 150	150	129	150	150	150	150				
	d) Ashuganj ST:Unit-5	Gas	(APSCL)	1 x 150	150	134	135	135	135	135				
46	Ashuganj Engines	Gas	(APSCL)	14x3.968	53	45	37	40	40	40				
47	Ashuganj CCPP 225 MW	Gas	(APSCL)	1×142+1*75	221	221	0	0	0	221				
48	Ashuganj CCPP(South)	Gas	(APSCL)	1x360	360	360	330	300	360	360				
49	Ashuganj CCPP(North)	Gas	(APSCL)	1x361	360	360	0	0	0	0		360	Under Maintenance	05.12.17
50	Ashuganj (Precision)	Gas	(RPP)	15*4	55	55	5	20	5	20				
51	Ashuganj (United)	Gas	(QRPP)	14x4.00	53	53	5	5	20	5				
52	Ashuganj Modular 195 MW	Gas	(IPP)	20*9.73+1*16	195	195	67	67	67	67				
53	Ashuganj (Midland)	Gas	(IPP)	6x9.34	51	51	10	24	6	24				
54	Brahmanbaria (Aggreko)	Gas	(QRPP)	86x1.10	85	85	0	61	60	85				
55	Titas (Daudkandi) Peaking	HFO	(PDB)	6x8.92	52	52	0	0	0	40				
56	Chandpur CCPP	Gas	(PDB)	1X106+1x57	163	163	0	0	50	90				
57	Feni (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	19	19	21	21				
58	Feni, Mohipal (Doreen)	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
59	Jangalia (Summit)	Gas	(SIPP, PDB)	4x8.73	33	33	8	33	33	33				
60	Jangalia (Lakdanavi)	HFO	(IPP)	6x8.92	52	52	0	41	42	42				
61	Summit Power, Comilla	Gas	(SIPP, REB)	3x3.67+2x6.97	25	25	0	23	22	23				
**	Tripura		India		160	160	88	122	100	122				
	Comilla Zone Total				**2465**	**2394**	**1013**	**1199**	**1270**	**1637**	**53**	**360**		
62	RPCL CCPP	Gas	(IPP)	4x35+1x70	210	202	145	147	149	150	55		Gas Shortage	
63	Tangail (Doreen)	Gas	(SIPP, PDB)	8x2.90	22	22	22	22	22	22				
64	Jamalpur IPP	HFO	(IPP)	12x8.924	95	95	16	95	95	95				
65	Sarishabari Solar Plant	Solar	(IPP)	12x8.924	3	3	2	0	2	0			COD on 03.08.17	
	Mymensing Zone Total				**330**	**322**	**185**	**264**	**268**	**267**	**55**	**0**		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.12.17 (Yesterday) Actual Peak Generation (MW)		04.12.17 (Today) Probable Peak Generation (MW)		03.12.17 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
											Gas/ water limitation	Machines shut down	Description/ Remarks	Probable start-up date
							Day	Evening	Day	Evening	MW	(MW)		
66	Fenchuganj CCPP-1	Gas	(PDB)	2x32+1x33	97	70	69	70	69	70				
67	Fenchuganj CCPP-2	Gas	(PDB)	2x35+1x35	104	90	74	79	74	79				
68	Fenchuganj (Barakatullah)	Gas	(RPP)	19x2.90	51	51	5	48	42	51				
69	Fenchuganj (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	15	50	50	44				
70	Kushiara 163 MW Fenchugonj	Gas	(IPP)	1x109	109	109	30	70	109	109			COD on 25.07.17	
71	Hobiganj (Confidence-EP)	Gas	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
72	Shajibazar GT:Unit-8,9	Gas	(PDB)	2x35	70	66	64	50	66	66				
73	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	99	85	110	110				
74	Shajibazar (Shajibazar)	Gas	(RPP)	32x2.90	86	86	10	86	60	86				
75	Shajibazar (Energyprima)	Gas	(RPP)	27x2.0	50	50	5	42	40	50				
76	Sylhet 150MW GT	Gas	(PDB)	1x142	142	142	110	67	100	120				
77	Sylhet 20MW GT	Gas	(PDB)	1 x 20	20	20	0	0	0	0		20	Under Overhauling	25.12.17
78	Sylhet (Desh)	Gas	(RPP)	6x1.95	10	10	10	10	10	10				
79	Shahjahanulla 25MW	Gas	(CIPP, REB)	3x9.34	25	25	8	16	16	24				
80	Summit Bibiana- 2	Gas	(IPP)	1x222+1x119	341	341	285	275	341	341				
	Sylhet Zone Total				**1490**	**1445**	**792**	**959**	**1098**	**1171**	**0**	**20**		
81	Bheramara GT: Unit-1,2,3	HSD	(PDB)	3 x 20	60	46	0	0	0	30				
82	Bheramara 360 MW CCPP	Gas	(NWPGCL)	1 x 278	278	278	18	68	80	200				
83	Faridpur Peaking	HFO	(PDB)	8x6.89	54	54	0	43	0	44				
84	Gopalganj Peaking	HFO	(PDB)	16x6.98	109	109	0	62	0	62				
85	Khulna CCPP	HSD	(NWPGCL)	1 x 150+1x75	230	230	180	160	180	230				
86	Khulna (KPCL-I)	HFO	(IPP)	19x6.5	110	110	10	95	110	110				
87	Khulna (KPCL-II)	HFO	(QRPP)	7x17	115	115	16	115	115	115				
88	Khulna (Aggreko) 55MW	HSD	(QRPP)	71x0.85	55	55	0	11	0	45				
89	Noapara (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	8	40	40	40				
**	Bheramara HVDC Interconnector		India		500	500	475	475	480	480				
	Khulna Zone Total				**1551**	**1537**	**707**	**1069**	**1005**	**1356**	**0**	**0**		
90	Barisal GT :Unit -1, 2	HSD	(PDB)	2 x 20	40	30	0	0	0	30				
91	Summit Barisal 110 MW	HFO	(IPP)	7 x 17.076	110	110	16	110	110	110				
92	Bhola (Venture)	Gas	(RPP)	1x34.50	33	33	11	26	17	26				
93	Bhola CCPP GT-1,2,ST	Gas	(PDB)	2x63+1x68	194	194	155	188	194	194				
	Barisal Zone Total				**377**	**367**	**182**	**324**	**321**	**360**	**0**	**0**		
94	a) Baghabari GT	Gas	(PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas	(PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	31.12.17
95	Baghabari Peaking	HFO	(PDB)	6x8.9	52	52	0	32	0	32				
96	Bera Peaking	HFO	(PDB)	9x8.29	71	71	0	43	0	43				
97	Amnura	HFO	(QRPP)	7x7.79	50	50	12	50	50	50				
98	Chapainawabganj-100 MW	HFO	(PDB)	12x8.924	104	104	0	51	100	100			COD on 12.08.17	
99	Katakhali Peaking	HFO	(PDB)	6x8.7	50	50	0	46	0	46				
100	Katakhali (Northern)	HFO	(QRPP)	6x8.9	50	50	8	43	43	43				
101	Santahar Peaking	HFO	(PDB)	6x8.7	50	50	34	43	31	43				
102	Sirajganj CCPP 1	Gas	(NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
	Sirajganj CCPP 2	Gas	(NWPGCL)				0	0	0	0			On Test	
103	Bogra (GBB)	Gas	(RPP)	6x4.0	22	22	22	22	22	22				
104	Bogra (Engergyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	12	15	15	15				
105	Ullapara (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	5	11	8	11				
106	Rajlanka 52 MW	HFO	(IPP)	6x8.92	52	52	8	52	52	52				
	Rajshahi Zone Total				**913**	**903**	**101**	**408**	**321**	**457**	**281**	**100**		
107	a) Barapukuria ST:Unit -1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	10.01.18
	b) Barapukuria ST:Unit - 2	Coal	(PDB)	1 x 125	125	85	74	73	75	73				
	Barapukuria ST:Unit - 3	Coal	(PDB)				0	0	0	0			On Test	
108	Rangpur GT	HSD	(PDB)	1 x 20	20	20	0	17	0	17				
109	Syedpur GT	HSD	(PDB)	1 x 20	20	20	0	20	0	20				
	Rangpur Zone Total				**290**	**210**	**74**	**110**	**75**	**110**	**0**	**85**		
	Sub-total: Plants in operation				**13476**	**12922**	**5731**	**7739**	**8470**	**9820**	**1286**	**670**		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							**5419**	**7318**	**8009**	**9286**				
(B)	**List of Contract Expired Power Plants :**													
110	Sylhet (Enegyprima)	Gas	(RPP)	27x2.0	50	0	0	0	0	0		0	Contract Expired	Uncertain
111	Ashuganj (Aggreko)	Gas	(QRPP)	96x1.10	95	0	0	0	0	0		0	Contract Expired	Uncertain
	Sub-total: Plants under long term maintenance				**145**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
	Gross Total				**13621**	**12922**	**5731**	**7739**	**8470**	**9820**	**1286**	**670**		

(C) Actual data of 03.12.17 (Yesterday) Monday :

01.	Max. Demand (Generation end)	:	**7739.00**	MW, at =	**19:00 hrs**	
02.	Max. Demand (Sub-station end)	:	**7318.00**	MW, at =	**19:00 hrs**	
03.	Highest Generation (Generation end)	:	**7739.00**	MW, at =	**19:00 hrs**	
04.	Minimum Generation (Generation end)	:	**4425.00**	MW, at =	**5:00 hrs**	
05.	Day-peak Generation (Generation end)	:	**5731.00**	MW, at =	**12:00 hrs**	
06.	Evening-peak Generation (Generation end)	:	**7739.00**	MW, at =	**19:00 hrs**	
07.	Evening Peak Load-shed (Sub-station end)	:	**0.00**	MW, at =	**19:00 hrs**	
08.	Generation shortfall at evening peak due to :					
	a) Gas limitation	:	**1286**	MW		
	b) Low water level in Kaptai lake	:	**0**	MW		
	c) Plants under shut down/ maintenance	:	**670**	MW		
09.	Total Energy (Generation + India Import)	:	**139.66**	MKWh		
	By Gas = **99.34** MKWH		By Oil = **24.88** MKWh			
	By Coal = **1.80** MKWH		By Hydro = **1.76** MKWh			
10.	Total Gas Supplied	:	**897.43**	MMCFD		

11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :

Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
Dhaka	2785	2785	0	Mymensingh	512	512	0
Chittagong	781	781	0	Sylhet	292	292	0
Khulna	911	911	0	Barisal	168	168	0
Rajshahi	763	763	0	Rangpur	474	474	0
Comilla	632	632	0	**Total**	**7318**	**7318**	**0**

12. Fuel cost : (a) Gas = **76505125** Taka (c) Coal = **9162196** Taka
(b) Oil = **240805004** Taka **Total =** **326472324** Taka

13. Maximum Temperature in Dhaka was : **28.5° C**

14. Export through East-West interconnections :
At evening peak-hour : **-660** MW, at **19:00 hrs**
Maximum : **-310** MW, at **16:00 hrs**
Energy : **7.8675** MKWh

(D) Forecast of 04.12.17 (Today) Monday :

01.	Maximum Demand	:	**8100**	MW	(Generation end)	**04.**	Maximum Load-shed	: **0**	**MW**	At evening peak (Sub-station end)
02.	Maximum Generation	:	**9820**	MW	(Generation end)	**05.**	Total Generation	: **140.00**	**MKWh**	
03.	Maximum Shortage	:	**-1720**	MW	(Generation end)	**06.**	Probable Max. Temperature in Dhaka :	**26.2° C**		

* Captive Power ** Imported Power

#Remarks: Highest Generation 9507MW on 18-10-2017 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation