



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : December, 2016				Day : Saturday				Date : 10.12.16				
Probable Maximum Demand : 7600 MW				Probable Maximum Generation : 8729 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 102.34 ft				Today = 102.26 ft				
								Rule Curve = 105.19 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.12.16 (Yesterday)		10.12.16 (Today)		09.12.16 (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 limitation MW	Machines shut down (MW)		
(A) Plants in operation:												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	38	38	38	38			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45	Gas Shortage	
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	100	100	100	100			
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	190	190	190	190			
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	82	103	92	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	39	44	41	45			
4	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	57	104	101	104			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	40	78	78			
6	Tongi GT	Gas (PDB)	1 x 105	105	105	35	0	0	0			
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	96	96			
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	296	251	310	310			
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	360	450	450	450			
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	110	110	110	110			
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	346	434	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	96	98	0	0	98	98			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	100	100	100			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	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	92	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	65	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	40	30	93	93			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	36	50	92	92			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	25	55	58	58			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
26	Summit Power, Rugganij	Gas (SIPP, REB)	4x8.73	33	33	22	26	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	17	35	43	43			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	0	65	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	41	42	42			
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55			
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	37	55	55			
	CLCPC Keraniganj 108 MW	HFO (IPP)				0	0	0	0			On Test
Dhaka Zone Total				4322	4143	1961	2650	3538	3553	255	0	
32	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	65	90	96	140		50	Unit-5 Under Maintenance 15.12.16
33	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	100	130	120	130	50	Gas Shortage	
34	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	9	25	25			
35	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	51	50	50			
36	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	28	0	0	0	40	Gas Shortage	
37	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Dual Fuel Conversion 30.01.17
38	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	43	43	0	42	30	43			
39	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	100	90	100			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	54	16	102			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	0	60			
42	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	17	18	18			
*	Malancha, Ctg. EPZ (Uniled)	Gas	5x8.73+3x9.34			10	42	10	42			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	92	90	92			
Chittagong Zone Total				1408	1328	247	627	545	802	270	200	
44	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	52	52	52	52			
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	110	132	132	132			
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	120	120	120	120			
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	134	134			
	e) Ashuganj : GT-2	Gas (APSCL)	1 x 56	56	40	20	20	30	30			
45	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	29	26	29	29			
46	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	217	217	170	225	217	217			
47	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	206	120	120	120			
48	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	10	5	10			
49	Ashuganj (Uniled)	Gas (QRPP)	14x4.00	53	53	10	10	10	10			
50	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	68	68	55	68			
51	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0			
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	51	45	51			
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	31	85	85	85			
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50			
55	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90			
56	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
57	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11			
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	31	30	31			
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	43	43			
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	21	22	21			
**	Tripura	India		100	100	50	84	70	94			
Comilla Zone Total				2192	2105	1024	1200	1322	1420	0	0	
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	111	107	112	112	95	Gas Shortage	
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22			
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	80	95	95			COD on 29.11.16
Mymensingh Zone Total				327	319	119	209	229	229	95	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.12.16 (Yesterday)		10.12.16 (Today)		09.12.16 (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 limitation MW	Machines shut down (MW)		
64	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	80	60	60	40	60				
65	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0	90		Under Maintenance	14.12.16
66	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	44	51				
67	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	31	44	44				
68	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	10	10				
69	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	0	0	0	0				
70	Shajbazar 330 MW CAPP (GT)	Gas (PDB)	2x110	220	220	0	40	120	120	180		PGCB Substation Work	10.12.16
71	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	10	50	78	78				
72	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
73	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0				
74	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	0	20	20				
75	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	0	21	44	45				
76	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	10	10	10				
77	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	5	25	15	25				
78	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	220	285	341	341				
Sylhet Zone Total				1321	1286	341	583	766	804	0	270		
79	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	26	0	32				
80	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	37	43	0	43				
81	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	65	0	70				
82	Khulna CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	230	230				
83	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	105	110	110	110				
84	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	99	99	115	115				
85	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	11	11	45	45				
86	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	0	0	0	0				
Khulna Zone Total				1273	1259	292	394	540	685	0	0		
87	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	25	0	25				
88	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	96	110	110	110				
89	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	8	13	11	13				
90	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	88	94	194	194				
Barisal Zone Total				377	367	192	242	315	342	0	0		
91	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	68	60	70	71				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Under Maintenance	12.12.16
92	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	40	0	40				
93	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	57				
94	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	45	50				
95	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	44				
96	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	50	50				
97	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	43	0	43				
98	Sirajganj CAPP	Gas (NWP/GCL)	1x150+1x75	210	210	185	195	210	210				
99	Bogra (GBB)	Gas (RPP)	6x4.0	20	22	22	22	22	22				
100	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	20	12	12	12	12				
101	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	11	6	11				
102	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	25	52	52				
Rajshahi Zone Total				807	809	287	538	467	662	0	100		
103	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	87	82	86	86				
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	88	85	87	87				
104	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
105	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	20	0	20				
106	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	40	0	20	20	21				
Rangpur Zone Total				337	280	175	225	193	232	0	0		
Sub-total: Plants in operation				12364	11896	4638	6668	7915	8729	620	570		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						4287	6164	7317	8069				
(B) Plants under long term maintenance :													
1 (e)	Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Under Overhauling	01.03.17
1 (f)	Ghorasal ST:Unit-6	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Under repowering process	Uncertain
6 (c)	Horipur GT: Unit-3	Gas (PDB)	1 x 32	32	20	0	0	0	0	20		Under Turbine maintenance	Uncertain
37 (f)	Ashuganj ST: Unit-1	Gas (AFSCL)	1 x 64	64	44	0	0	0	0	44		Generator under maint.	Uncertain
107	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0	105		Old machines	Uncertain
108	Khulna ST 110 MW	HFO (PDB)	1 x 110	110	55	0	0	0	0	55		Old machines	Uncertain
Sub-total: Plants under long term maintenance				731	604	0	0	0	0	0	604		
Gross Total				13095	12500	4638	6668	7915	8729	620	1174		
(D) Actual data of 09.12.16 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	6668.00	MW, at = 19:30 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	6164.00	MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	6668.00	MW, at = 19:30 hrs		Dhaka	2161	2161	0	Mymensingh	446	446	0
04.	Minimum Generation (Generation end)	:	4295.00	MW, at = 14:00 hrs		Chittagong	733	733	0	Sylhet	247	247	0
05.	Day-peak Generation (Generation end)	:	4638.00	MW, at = 9:00 hrs		Khulna	773	773	0	Barisal	139	139	0
06.	Evening-peak Generation (Generation end)	:	6668.00	MW, at = 19:30 hrs		Rajshahi	662	662	0	Rangpur	413	413	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Comilla	590	590	0	Total	6164	6164	0
08.	Generation shortfall at evening peak due to :				12.	Fuel cost :	(a) Gas = 58966487	Taka	(c) Coal = 16171466	Taka			
	a) Gas limitation	:	620	MW		(b) Oil = 172686836	Taka	Total = 247824789	Taka				
	b) Low water level in Kaptai lake	:	0	MW									
	c) Plants under shut down/ maintenance	:	1174	MW									
09.	Total Energy (Generation + India Import)	:	120.58	MKWh	13.	Maximum Temperature in Dhaka was : 28.4° C							
	By Gas = 95.71	MKWh	By Oil = 15.03	MKWh	14.	Export through East-West interconnections :							
	By Coal = 4.16	MKWh	By Hydro = 1.73	MKWh		At evening peak-hour	:	-820	MW, at 19:30 hrs				
10.	Total Gas Supplied	:	825.01	MMCFD		Maximum	:	-320	MW, at 5:00 hrs				
						Energy	:	7.8675	MKWh				
(E) Forecast of 10.12.16 (Today) Saturday :													
01.	Maximum Demand	:	7600	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	8729	MW (Generation end)	05.	Total Generation	:	125.00	MKWh				
03.	Maximum Shortage	:	-1129	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	28.4° C					

* Captive Power ** Imported Power

#Remarks: Highest Generation 9036MW on 30-06-2016

(MONIRUZZAMAN)
Deputy Secretary, Generation