



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : January, 2017				Day : Saturday				Date : 07.01.17					
Probable Maximum Demand : 7400 MW				Probable Maximum Generation : 8842 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.73 ft				Today = 100.69 ft.					
				Rule Curve = 101.86 ft.									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.01.17 (Yesterday)		07.01.17 (Today)		06.01.17 (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	Machines shut down (MW)			
(A) Plants in operation:													
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	40	40	40					
	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	72	95	91	100				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	42	46	45	45				
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	98	102	104	102				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	50	81	78	78				
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage	
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	20	20	20	20	20		Gas Shortage	
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110				
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	305	332	360	330				
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	320	390	420	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	0	0	0		150	Under Maintenance	07.01.17
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	230	360	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	90	217	150	110				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	96	98	0	0	98	98				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	70	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	16	7	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	32	62	90	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	3	30	55	55				
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	10	93	93				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	40	80	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	51	58	57	55				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Rupganj	Gas (SIPP, REB)	4x8.73	33	33	23	25	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	8	43	43	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	0	10	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	9	38	41	41				
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55				
	CLCPC Keranigonj 108 MW	HFO (IPP)				2	0	0	0			On Test	
Dhaka Zone Total				4322	4143	1806	2494	3579	3576	170	150		
32	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	35	46	100	100		50	Unit-5 Under Maintenance	15.03.17
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	130	130	130	110	50		Gas Shortage	
34	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	26	25	25				
35	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	10	50	50	50				
36	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	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	51	51	0	8	51	51				
39	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	50	90	100	100				
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	51	16	102				
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	68	9	68				
42	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	16	16				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			31	42	30	30				
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	12	100	105				
Chittagong Zone Total				1416	1336	300	539	627	757	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	125	125	132	132				
	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				
	e) Ashuganj : GT-2	Gas (APSCL)	1 x 56	56	40	0	0	0	0				
45	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	29	29	29	29				
46	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	217	217	145	220	217	217				
47	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	400	382	360	360				
48	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	20	10	30	10				
49	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	10	10	10	10				
50	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8				
51	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0				
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	7	51	51				
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	52	50	85	85				
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	45				
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	11	11	11				
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	24	25	25				
59	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	52	52				
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	24	23	24				
**	Tripura	India		100	100	60	88	79	100				
Comilla Zone Total				2192	2105	1358	1445	1561	1608	0	0		
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	109	140	120	140	62		Gas Shortage	
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	32	95	95	95			COD on 29.11.16	
Mymensing Zone Total				327	319	161	255	235	255	62	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.01.17 (Yesterday)		07.01.17 (Today)		06.01.17 (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	60	60				
65	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0	90	Under Maintenance	10.01.17	
66	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	31	50	50				
67	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	31	20	45	44				
68	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	10	10	10	10				
69	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	0	0	0	0	66	Gas Shortage		
70	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	79	88	120	120				
71	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	30	86	86				
72	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
73	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0	142	Under Maintenance	15.01.17	
74	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
75	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	30	47	46	47				
76	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
77	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	9	16	15	16				
78	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0	341	Under Maintenance	21.01.17	
Sylhet Zone Total				1431	1396	274	312	462	463	66	573		
79	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	18				
80	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	35	38	35	50				
81	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	35	68	35	86				
82	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	230	230				
83	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	75	45	110	110				
84	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	49	115	115	115				
85	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	45	45				
86	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	42	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	249	489	248	493				
Khulna Zone Total				1273	1259	485	795	858	1187	0	0		
87	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	15				
88	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	98	110	110				
89	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	8	11	14	15				
90	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	65	66	69	67				
Barisal Zone Total				377	367	153	175	193	207	0	0		
91	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	44	67	70	67				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under Maintenance	07.01.17	
92	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	50				
93	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	50				
94	Amnura	HFO (QRPP)	7x7.79	50	50	0	12	50	50				
95	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	46	0	46				
96	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
97	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	33				
98	Sirajganj CAPP	Gas (NWPGL)	1x150+1x75	210	210	200	190	210	210				
99	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	21	21	20	21				
100	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	9	8	9				
101	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	9	11				
102	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	8	52	52				
Rajshahi Zone Total				809	799	279	393	469	649	0	100		
103	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	0	0	0	0	100	Under Maintenance	10.01.17	
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	85	82	83	83				
104	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	19	0	20				
105	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	20	0	20				
106	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	23	0	13	0	17				
Rangpur Zone Total				337	263	85	134	83	140	0	100		
Sub-total: Plants in operation				12484	11987	4901	6542	8067	8842	568	1123		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						4515	6027	7432	8146				

(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	
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				667	560	0	0	0	0	0	560		
Gross Total				13151	12547	4901	6542	8067	8842	568	1683		

(D) Actual data of 06.01.17 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	: 6542.00 MW, at = 19:30 hrs		11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	: 6027.00 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)	: 6542.00 MW, at = 19:30 hrs		Dhaka	2004	2004	0	Mymensingh	493	493	0		
04.	Minimum Generation (Generation end)	: 4200.00 MW, at = 5:00 hrs		Chittagong	665	665	0	Sylhet	249	249	0		
05.	Day-peak Generation (Generation end)	: 4901.00 MW, at = 9:00 hrs		Khulna	810	810	0	Barisal	139	139	0		
06.	Evening-peak Generation (Generation end)	: 6542.00 MW, at = 19:30 hrs		Rajshahi	681	681	0	Rangpur	432	432	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs		Comilla	554	554	0	Total	6027	6027	0		
08.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 568 MW		12.	Fuel cost :	(a) Gas = 58596837 Taka	(c) Coal = 7929491 Taka						
	b) Low water level in Kaptai lake	: 0 MW				(b) Oil = 141765364 Taka	Total = 208291692 Taka						
	c) Plants under shut down/ maintenance	: 1683 MW		13.	Maximum Temperature in Dhaka was :	23.6° C							
09.	Total Energy (Generation + India Import)	: 119.37 MKWh		14.	Export through East-West interconnections :								
	By Gas = 88.62 MKWh	By Oil = 18.64 MKWh			At evening peak-hour	: -760 MW, at 19:30 hrs							
	By Coal = 2.04 MKWh	By Hydro = 0.85 MKWh			Maximum	: -20 MW, at 14:00 hrs							
10.	Total Gas Supplied	: 787.69 MMCFD			Energy	: 7.8675 MKWh							

(E) Forecast of 07.01.17 (Today) Saturday :					
01.	Maximum Demand	: 7400 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)
02.	Maximum Generation	: 8842 MW (Generation end)	05.	Total Generation	: 120.00 MKWh
03.	Maximum Shortage	: -1442 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	23.6° C

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation