



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : January, 2017				Day : Sunday				Date : 17.01.16				
Probable Maximum Demand : 7450 MW				Probable Maximum Generation : 9157 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.20 ft				Today = 100.14 ft				
								Rule Curve = 99.96 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.01.16 (Yesterday)		17.01.16 (Today)		16.01.16 (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	0	0	0	0	40		Gas Shortage
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	40	40	40	40			
	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	100	190	190	190			
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	80	95	96	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	45	45	45	45			
4	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	101	104	104	104			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	50	83	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	313	293	327	320			
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	380	360	400	420			
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	110	115	115	115			
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	380	350	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	24	94	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	42	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	49	98	100	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	48	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	30	60	93	93			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	70	102	102			
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	51	58	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	30	33	30	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	43	43	43			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	32	75	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	27	42	41	42			
30	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55			
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	56	55	55			
	CLCPC Keraniganj 108 MW	HFO (IPP)				0	0	0	0			On Test
Dhaka Zone Total				4322	4143	2141	2621	3523	3544	375	0	
32	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	42	60	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	120	100	120	120	80		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	27	48	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	8	51	51	51			
39	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	92	100	100	100			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	87	16	102			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	68	0	65			
42	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	7	16	16	16			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			4	12	5	15			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	50	52	50	52			
Chittagong Zone Total				1416	1336	366	620	533	696	300	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	132	132	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	20	15	15	20			
45	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	23	26	26	26			
46	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	217	217	220	200	242	217			
47	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	272	261	283	283			
48	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	57	5	30	35			
49	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	49	10	49	49			
50	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	120	113	120	150			
51	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0			
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	51	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	140	140	140	140			
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	11	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	0	52	52			
60	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	23	22	22			
**	Tripura	India		100	100	68	102	80	100			
Comilla Zone Total				2192	2105	1619	1557	1722	1807	0	0	
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	85	83	89	89		119	Gas Shortage
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	14	14	20	20			
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	54	95	95	95			COD on 29.11.16
Mymensingh Zone Total				327	319	153	192	204	204	119	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.01.16 (Yesterday)		17.01.16 (Today)		16.01.16 (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	60	60					
65	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60					
66	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	36	53	50	51					
67	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	34	25	36	44					
68	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
69	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Gas Shortage		
70	Shajbazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	130	251	202	170					
71	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	50	20	86	86					
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		142	Under Maintenance	18.01.17	
74	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	0	20					
75	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	44	43	46	46					
76	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	0	10					
77	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	12	22	15	22					
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	437	575	566	580	66	483			
79	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	17					
80	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	45	25	45					
81	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	75	0	75					
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	21	69	105	110					
84	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	38	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	40	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	257	496	260	505					
Khulna Zone Total				1273	1259	356	840	820	1182	0	0			
87	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	27	25					
88	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	99	80	110	110					
89	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	6	14	10	16					
90	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	169	203	205	194					
Barisal Zone Total				377	367	274	297	352	345	0	0			
91	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	71	67	71	71					
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Under Maintenance	27.01.17	
92	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	48					
93	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	57					
94	Amnura	HFO (QRPP)	7x7.79	50	50	12	41	50	42					
95	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	50	0	50					
96	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	32	50	50					
97	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	43	0	44					
98	Sirajganj CAPP	Gas (NWP/GCL)	1x150+1x75	210	210	200	190	210	210					
99	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
100	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	7	8	8					
101	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	7	11	9	11					
102	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52					
Rajshahi Zone Total				809	799	321	515	472	665	0	100			
103	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	0	0	0	0	100		Under Maintenance	20.01.17	
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	85	82	89	89					
104	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	20	0	20					
105	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	20					
106	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	23	0	0	5	5					
Rangpur Zone Total				337	263	85	102	94	134	0	100			
Sub-total: Plants in operation				12484	11987	5752	7319	8286	9157	860	883			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5328	6780	7676	8483					
(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	5752	7319	8286	9157	860	1443			
(D) Actual data of 16.01.16 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	: 7319.00 MW, at = 19:30 hrs				11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 6780.00 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)	: 7319.00 MW, at = 19:30 hrs				Dhaka	2427	2427	0	Mymensingh	508	508	0	
04.	Minimum Generation (Generation end)	: 4242.00 MW, at = 5:00 hrs				Chittagong	740	740	0	Sylhet	265	265	0	
05.	Day-peak Generation (Generation end)	: 5752.00 MW, at = 9:00 hrs				Khulna	876	876	0	Barisal	143	143	0	
06.	Evening-peak Generation (Generation end)	: 7319.00 MW, at = 19:30 hrs				Rajshahi	821	821	0	Rangpur	425	425	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs				Cornilla	575	575	0	Total	6780	6780	0	
08.	Generation shortfall at evening peak due to :													
	a) Gas limitation	: 860 MW												
	b) Low water level in Kaptai lake	: 0 MW												
	c) Plants under shut down/ maintenance	: 1443 MW												
09.	Total Energy (Generation + India Import)	: 133.60 MKWh												
	By Gas = 99.04 MKWh	By Oil = 21.05 MKWh												
	By Coal = 2.03 MKWh	By Hydro = 1.23 MKWh												
10.	Total Gas Supplied	: 894.47 MMCFD												
12. Fuel cost : (a) Gas = 63173842 Taka (c) Coal = 7890427 Taka (b) Oil = 166105265 Taka Total = 237169533 Taka														
13. Maximum Temperature in Dhaka was : 25.0° C														
14. Export through East-West interconnections :														
At evening peak-hour : -770 MW, at 19:30 hrs														
Maximum : -480 MW, at 12:00 hrs														
Energy : 7.8675 MKWh														
(E) Forecast of 17.01.16 (Today) Sunday :														
01.	Maximum Demand	: 7450 MW (Generation end)		04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)										
02.	Maximum Generation	: 9157 MW (Generation end)		05. Total Generation : 134.00 MKWh										
03.	Maximum Shortage	: -1707 MW (Generation end)		06. Probable Max. Temperature in Dhaka : 26.0° C										

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

(MONIRUZZAMAN)
Deputy Secretary, Generation