



**Bangladesh Power Development Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel : 9564667, 9551095

Month : January, 2017				Day : Sunday				Date : 08.01.17				
Probable Maximum Demand : 7500 MW				Probable Maximum Generation : 8580 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.69 ft				Today = 100.64 ft				
								Rule Curve = 101.67 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.01.17 (Yesterday)		08.01.17 (Today)		07.01.17 (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)		
<b>(A) Plants in operation:</b>												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	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	86	105	91	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	41	46	45	45			
4	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	90	100	100	100			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	79	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	13	110	110			
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	364	321	360	360			
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	320	400	380	400			
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	0	110	110	150	Was Under Maintenance	
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	230	400	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	150	124	0	0			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	96	98	0	0	98	98			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	40	50	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	47	58	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	58	65	90	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	26	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	50	50	93	93			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	70	50	102	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+7x6.73	80	80	55	57	57	57			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	0	33	33	33			
26	Summit Power, Rugganij	Gas (SIPP, REB)	4x8.73	33	33	30	30	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	43	43	43			
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	33	83	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	40	41	42			
30	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55			
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	54	55	55			
	CLCPC Keraniganj 108 MW	HFO (IPP)				0	0	0	0		On Test	
<b>Dhaka Zone Total</b>				<b>4322</b>	<b>4143</b>	<b>2141</b>	<b>2654</b>	<b>3517</b>	<b>3557</b>	<b>170</b>	<b>150</b>	
32	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	34	41	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	130	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	12	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	0	51	51	51			
39	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	78	100	100	100			
40	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	102	16	102			
41	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	9	0	9	68			
42	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	16	16			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			3	23	30	30			
43	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	70	100	105			
<b>Chittagong Zone Total</b>				<b>1416</b>	<b>1336</b>	<b>310</b>	<b>607</b>	<b>627</b>	<b>777</b>	<b>270</b>	<b>200</b>	
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	125	125	125			
	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	130	200	0	0			
47	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	330	356	360	360			
48	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	10	10	10			
49	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	10	10			
50	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	151	119	119			
51	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0			
52	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	51	51	51			
53	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	80	86	85	85			
54	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	42			
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	11	11	11	11			
58	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	24	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	12	24	23	24			
**	Tripura	India		100	100	0	92	79	100			
<b>Comilla Zone Total</b>				<b>2192</b>	<b>2105</b>	<b>1215</b>	<b>1603</b>	<b>1425</b>	<b>1489</b>	<b>0</b>	<b>0</b>	
61	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	111	105	113	113	97	Gas Shortage	
62	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20			
63	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	64	95	95	95		COD on 29.11.16	
<b>Mymensingh Zone Total</b>				<b>327</b>	<b>319</b>	<b>192</b>	<b>220</b>	<b>228</b>	<b>228</b>	<b>97</b>	<b>0</b>	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.01.17 (Yesterday)		08.01.17 (Today)		07.01.17 (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	45	50	50	50					
67	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	48	44	44					
68	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	10	10	10	10					
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	120	0	0	0		330	Under Maintenance	12.01.17	
71	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	30	81	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	15.01.17	
74	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	20	20	20					
75	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	46	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	11	16	15	16					
78	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0		341	Under Maintenance	21.01.17	
<b>Sylhet Zone Total</b>				<b>1431</b>	<b>1396</b>	<b>370</b>	<b>342</b>	<b>341</b>	<b>343</b>	<b>66</b>	<b>903</b>			
79	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	0	17					
80	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	25	44	0	44					
81	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	32	67	35	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	5	69	110	110					
84	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	115	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	32	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	247	490	370	506					
<b>Khulna Zone Total</b>				<b>1273</b>	<b>1259</b>	<b>456</b>	<b>841</b>	<b>945</b>	<b>1182</b>	<b>0</b>	<b>0</b>			
87	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	15	0	15					
88	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	110	110	110	110					
89	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	7	14	14	14					
90	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	63	67	69	69					
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>180</b>	<b>206</b>	<b>193</b>	<b>208</b>	<b>0</b>	<b>0</b>			
91	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	62	64	70	71					
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	17.01.17	
92	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	48	0	50					
93	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	21	0	57					
94	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50					
95	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	39	0	46					
96	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50					
97	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	35	0	35					
98	Sirajganj CAPP	Gas (NWP/GCL)	1x150+1x75	210	210	200	200	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	9	9	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	34	52	52					
<b>Rajshahi Zone Total</b>				<b>809</b>	<b>799</b>	<b>298</b>	<b>583</b>	<b>472</b>	<b>663</b>	<b>0</b>	<b>100</b>			
103	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	0	88	0	0					
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	85	84	85	83					
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	21	0	20					
106	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	23	0	10	10	10					
<b>Rangpur Zone Total</b>				<b>337</b>	<b>263</b>	<b>85</b>	<b>223</b>	<b>95</b>	<b>133</b>	<b>0</b>	<b>0</b>			
<b>Sub-total: Plants in operation</b>				<b>12484</b>	<b>11987</b>	<b>5247</b>	<b>7279</b>	<b>7843</b>	<b>8580</b>	<b>603</b>	<b>1353</b>			
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>4855</b>	<b>6735</b>	<b>7257</b>	<b>7939</b>					
<b>(B) Plants under long term maintenance :</b>														
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	
<b>Sub-total: Plants under long term maintenance</b>				<b>667</b>	<b>560</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>560</b>			
<b>Gross Total</b>				<b>13151</b>	<b>12547</b>	<b>5247</b>	<b>7279</b>	<b>7843</b>	<b>8580</b>	<b>603</b>	<b>1913</b>			
<b>(D) Actual data of 07.01.17 (Yesterday) Saturday :</b>														
01.	Max. Demand (Generation end)	: 7279.00 MW, at = 19:30 hrs				11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 6735.00 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)	: 7279.00 MW, at = 19:30 hrs				Dhaka	2436	2436	0	Mymensingh	446	446	0	
04.	Minimum Generation (Generation end)	: 3771.00 MW, at = 5:00 hrs				Chittagong	764	764	0	Sylhet	268	268	0	
05.	Day-peak Generation (Generation end)	: 5247.00 MW, at = 9:00 hrs				Khulna	874	874	0	Barisal	151	151	0	
06.	Evening-peak Generation (Generation end)	: 7279.00 MW, at = 19:30 hrs				Rajshahi	750	750	0	Rangpur	458	458	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs				Cornilla	588	588	0	Total	6735	6735	0	
08.	Generation shortfall at evening peak due to :													
	a) Gas limitation	: 603 MW				12. Fuel cost : (a) Gas = 62319455 Taka			(c) Coal = 11796578 Taka					
	b) Low water level in Kaptai lake	: 0 MW				(b) Oil = 167924940 Taka			Total = 242040973 Taka					
	c) Plants under shut down/ maintenance	: 1913 MW				13. Maximum Temperature in Dhaka was : 26° C								
09.	Total Energy (Generation + India Import)	: 125.65 MKWh				14. Export through East-West interconnections :								
	By Gas = 93.02 MKWh	By Oil = 19.87 MKWh												
	By Coal = 3.03 MKWh	By Hydro = 0.85 MKWh												
10.	Total Gas Supplied	: 872.45 MMCFD				Energy : 7.8675 MKWh								
<b>(E) Forecast of 08.01.17 (Today) Sunday :</b>														
01.	Maximum Demand	: 7500 MW (Generation end)				04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 8580 MW (Generation end)				05. Total Generation : 133.00 MKWh								
03.	Maximum Shortage	: -1080 MW (Generation end)				06. Probable Max. Temperature in Dhaka : 25° C								

\* Captive Power \*\* Imported Power

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

(MONIRUZZAMAN)  
Deputy Secretary, Generation