



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month : May, 2017		Day : Saturday				Date : 13.05.17							
Probable Maximum Demand :		8800 MW		Probable Maximum Generation :				9020 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 78.24 ft		Today = 77.50 ft.				Rule Curve = 79.72 ft.					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	12.05.17 (Yesterday)		13.05.17 (Today)		12.05.17 (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	0	0	0	0		40	Under Maintenance	16.05.17
	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	0	0	0	0		170	Under Maintenance	15.05.17
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	190	190	190	190				
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling	20.05.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	64	91	91	91				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	45	45	45	45				
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	56	94	94	94				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	60	60	72	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	0	0	0				
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	13	95	95				
9	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	341	346	355	346				
10	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	425	430	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	105	105	100	105				
12	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	350	400	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	160	195	205	120	15		Gas Shortage	
	Siddhirganj CCGP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	90	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	40	90	90				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50				
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	200	240	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	58	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	15	40	80	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	0	60	80	90				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	8	8	80	90				
23	Narshingdi (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	19	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	49	47	41	50				
25	Summit Power, Maona	Gas (SIIP, REB)	4x8.73	33	33	33	0	33	33				
26	Summit Power, Ruppangaj	Gas (SIIP, REB)	4x8.73	33	33	16	33	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	17	34	34	34				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	32	115	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	12	40	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	56	55	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	60	100	104			COD 22.02.2017	
<b>Dhaka Zone Total</b>				<b>4644</b>	<b>4443</b>	<b>2291</b>	<b>2944</b>	<b>3638</b>	<b>3623</b>	<b>120</b>	<b>400</b>		
33	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	40	106	93	140				
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	0	26	26	25				
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	47	48	48				
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage	
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Gas Shortage	
	Sikalbaha 225 MW GT	Gas (PDB)				150	150	150	150			On Test	
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	42	42	42	42				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	74	80	80	80				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	80	80	80				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	59	0	65				
43	Barabkunda (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	21	22	22	22				
*	Malancha, Ctg,EPZ (Unired)	Gas	5x8.73+3x9.34			27	36	6	15				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	12	97	97	97				
<b>Chittagong Zone Total</b>				<b>1416</b>	<b>1336</b>	<b>388</b>	<b>745</b>	<b>596</b>	<b>764</b>	<b>550</b>	<b>0</b>		
45	a) Ashuganj ST:Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0		53	Under Maintenance	15.05.17
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	75	132	110	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	100	135				
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	30	27	30	30				
47	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	60	144	150	150				
48	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0				
	Ashuganj CCGP(North)	Gas (APSCL)				0	48	40	0			On Test	
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	57	53	55	55				
50	Ashuganj (Unired)	Gas (QRPP)	14x4.00	53	53	10	53	30	53				
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	125	130	198	130				
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	7	7	7				
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	21	80	85	85				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
56	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	90	89	0	90	74		Gas Shortage	
57	Feni (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	18	19	18				
58	Feni, Mohipal (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	8	8	8				
59	Jangalia (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	0	33	33	33				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	40	52				
61	Summit Power, Comilla	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	18	22	18	22				
**	Tripura	India		100	100	72	144	110	150				
<b>Comilla Zone Total</b>				<b>2045</b>	<b>1974</b>	<b>876</b>	<b>1273</b>	<b>1183</b>	<b>1350</b>	<b>74</b>	<b>53</b>		
62	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	197	189	185	190	13		Gas Shortage	
63	Tangail (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	22	22	22				
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95			COD on 29.11.16	
<b>Mymensing Zone Total</b>				<b>327</b>	<b>319</b>	<b>205</b>	<b>306</b>	<b>302</b>	<b>307</b>	<b>13</b>	<b>0</b>		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.05.17 (Yesterday)		13.05.17 (Today)		12.05.17 (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)			
65	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	80	60	60	50	60					
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30					
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	49	47	50					
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	13	41	41	41					
69	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8					
70	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	61	65	60	66					
71	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	241	327	330	330					
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	20	84	80	86					
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	0	26	45	45					
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	68	70	60	70	72		Gas Shortage		
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Gas Shortage		
76	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	41	43	44	43					
77	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	10					
78	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24					
79	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	285	305	341	341					
<b>Sylhet Zone Total</b>				<b>1431</b>	<b>1396</b>	<b>871</b>	<b>1141</b>	<b>1169</b>	<b>1204</b>	<b>92</b>	<b>0</b>			
80	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	40	42	40					
	Bheramara 360 MW CCPP	(NWPGL)				0	0	0	0			On Test		
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	42	45	45					
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	73	46	73					
83	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	140	140	150	140					
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	97	103	105	105					
85	Khulna (KPCL-II)	HFO (QRPP)	7x7	115	115	87	115	115	115					
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	36	41	45					
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	492	486	494	494					
<b>Khulna Zone Total</b>				<b>1273</b>	<b>1259</b>	<b>856</b>	<b>1075</b>	<b>1078</b>	<b>1097</b>	<b>0</b>	<b>0</b>			
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	26	27	26					
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	96	110	110	110					
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	16	13	16					
91	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	36	64	0	0					
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>146</b>	<b>216</b>	<b>150</b>	<b>152</b>	<b>0</b>	<b>0</b>			
92	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	53	60	60	18		Gas Shortage		
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	15.05.17	
93	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	40	40	40	40					
94	Bera Peaking	HFO (PDB)	9x8.29	71	71	41	36	0	0					
95	Amnura	HFO (QRPP)	7x7.79	50	50	41	41	41	41					
	Chapainawabganj-100 MW	HFO (PDB)				0	0	0	0			On Test		
96	Katakali Peaking	HFO (PDB)	6x8.7	50	50	36	40	40	40					
97	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	50	50					
98	Santalar Peaking	HFO (PDB)	6x8.7	50	50	30	33	32	33					
99	Sirajganj CCPP	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0					
100	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	0	22					
101	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	4	7	6	7					
102	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	5	8					
103	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	4	52	52	52					
<b>Rajshahi Zone Total</b>				<b>809</b>	<b>799</b>	<b>321</b>	<b>375</b>	<b>326</b>	<b>353</b>	<b>18</b>	<b>100</b>			
104	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	76	75	78	75					
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	80	80	80	80					
105	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	15					
106	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	0					
<b>Rangpur Zone Total</b>				<b>290</b>	<b>240</b>	<b>156</b>	<b>155</b>	<b>158</b>	<b>170</b>	<b>0</b>	<b>0</b>			
<b>Sub-total: Plants in operation</b>				<b>12612</b>	<b>12133</b>	<b>6110</b>	<b>8230</b>	<b>8600</b>	<b>9020</b>	<b>867</b>	<b>553</b>			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						<b>5639</b>	<b>7596</b>	<b>7937</b>	<b>8325</b>					
<b>(B) Plants under long term maintenance :</b>														
1 (f)	Ghorasal ST:Unit-6	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Under repowering process	Uncertain	
52	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	95	0	0	0	0	95		Contract Expired	Uncertain	
107	Bheramara (Quantum)	HSD (RPP)	12x8.5+2x6+2x13	105	105	0	0	0	0	105		Old machines	Uncertain	
108	Thakurgaon (RZ)	HSD (RPP)	20x1.5+21x1.1	47	0	0	0	0	0	0			Uncertain	
109	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>567</b>	<b>445</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>445</b>			
<b>Gross Total</b>				<b>13179</b>	<b>12578</b>	<b>6110</b>	<b>8230</b>	<b>8600</b>	<b>9020</b>	<b>867</b>	<b>998</b>			
<b>(D) Actual data of 12.05.17 (Yesterday) Wednesday :</b>														
01.	Max. Demand (Generation end)	:	8230.00 MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	7596.00 MW, at = 21:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	8230.00 MW, at = 21:00 hrs		Dhaka	3028	3028	0	Mymensingh	626	626	0		
04.	Minimum Generation (Generation end)	:	5346.00 MW, at = 8:00 hrs		Chittagong	916	916	0	Sylhet	341	341	0		
05.	Day-peak Generation (Generation end)	:	6110.00 MW, at = 12:00 hrs		Khulna	719	719	0	Barisal	135	135	0		
06.	Evening-peak Generation (Generation end)	:	8230.00 MW, at = 21:00 hrs		Rajshahi	722	722	0	Rangpur	305	305	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00 hrs		Cornilla	804	804	0	Total	7596	7596	0		
08.	Generation shortfall at evening peak due to :			12.	Fuel cost : (a) Gas = 75207344 Taka (c) Coal = 14569947 Taka									
	a) Gas limitation	:	867 MW		(b) Oil = 348049951 Taka			Total = 437827242 Taka						
	b) Low water level in Kaptai lake	:	0 MW											
	c) Plants under shut down/ maintenance	:	998 MW											
09.	Total Energy (Generation + India Import)	:	162.43 MKWh	13.	Maximum Temperature in Dhaka was : 35.0° C									
	By Gas = 102.87 MKWh	By Oil = 39.08 MKWh		14.	Export through East-West interconnections :									
	By Coal = 3.74 MKWh	By Hydro = 2.12 MKWh			At evening peak-hour	:	-290 MW, at 21:00 hrs							
10.	Total Gas Supplied	:	953.16 MMCFD		Maximum	:	80 MW, at 6:00 hrs							
					Energy	:	7.8675 MKWh							
<b>(E) Forecast of 13.05.17 (Today) Saturday :</b>														
01.	Maximum Demand	:	8800 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	9020 MW (Generation end)	05.	Total Generation	:	165.00 MKWh							
03.	Maximum Shortage	:	-220 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	35.0° C							

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 9212MW on 18-04-2017

(MONIRUZZAMAN)  
Deputy Secretary, Generation