



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month : May, 2017		Day : Tuesday				Date : 02.05.17							
Probable Maximum Demand :		8500 MW		Probable Maximum Generation :				9844 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 84.31 ft		Today = 83.87 ft.		Rule Curve = 81.81 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated Present Capacity (MW)	01.05.17 (Yesterday)		02.05.17 (Today)		01.05.17 (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	10.05.17
	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	175	175	175	175				
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	110	110	190	190				
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under Overhauling	10.05.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128x0.85	100	100	43	100	95	100				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	34	45	45	45				
4	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	5	44	89	92				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	20	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	10	20				
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	96	110				
9	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	312	332	360	360				
10	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	330	400	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	115	115	100	110				
12	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	300	330	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	38	98	101	110				
	Siddhirganj CCGP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test	
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	0	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	7	91	91				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50				
17	Meghnaghat CCGP (Summit)	HSD (IPP)	2x110+1x110	305	305	240	200	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	8	91	91				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	12	15	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	12	20	55	55				
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	40	50	93				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	8	16	102	102				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	15	22				
24	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	45	57	57				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
26	Summit Power, Ruppangaj	Gas (SIPP, REB)	4x8.73	33	33	9	25	25	25				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	5	42	43	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	0	150	149	150				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	12	42	42				
30	Southern Power	HFO (IPP)	3x19.3	55	55	0	17	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	18	55	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	104	104			COD 22.02.2017	
<b>Dhaka Zone Total</b>				<b>4644</b>	<b>4443</b>	<b>1922</b>	<b>2477</b>	<b>3663</b>	<b>3865</b>	<b>105</b>	<b>230</b>		
33	Kaptai Hydro:Unit -1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	136	146	152	150				
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	Under Maintenance	05.05.17
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	9	9	26	25				
36	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	12	14	30	50				
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	40				
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	125	98	137	130	52		Gas Shortage	
	Sikalbaha 225 MW GT	Gas (PDB)				0	0	0	0			On Test	
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	24	24	51	51				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	100	90	100				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	85	16	85				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	43	0	51				
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	20	20				
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			15	44	15	30				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	51	57	67	102				
<b>Chittagong Zone Total</b>				<b>1416</b>	<b>1336</b>	<b>468</b>	<b>640</b>	<b>604</b>	<b>834</b>	<b>232</b>	<b>180</b>		
45	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	100	132	135				
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	120	100	150	150				
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0		134	Under Maintenance	05.05.17
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	16	29	32	32				
47	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0		221	Under Maintenance	08.05.17
48	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	361	350	360	360				
	Ashuganj CCGP(North)	Gas (APSCL)				30	29	11	50			On Test	
49	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	15	55	55				
50	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	3	3	53	53				
51	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	100	75	178	95		Gas Shortage	
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	7	51	51				
54	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	6	51	50	85				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50				
56	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	50	50	50	50				
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	19	19				
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	8	11	11				
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	8	28	33				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	44	52				
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	21	18	15				
**	Tripura	India		100	100	110	148	98	160				
<b>Comilla Zone Total</b>				<b>2045</b>	<b>1974</b>	<b>929</b>	<b>1089</b>	<b>1289</b>	<b>1591</b>	<b>95</b>	<b>355</b>		
62	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	86	202	165	180				
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	17	15	22				
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	50	95	95			COD on 29.11.16	
<b>Mymensing Zone Total</b>				<b>327</b>	<b>319</b>	<b>86</b>	<b>269</b>	<b>275</b>	<b>297</b>	<b>0</b>	<b>0</b>		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.05.17 (Yesterday)		02.05.17 (Today)		01.05.17 (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	25	62	60	60				
66	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	43	45	43	43				
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	13	44	50				
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	15	40	43				
69	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	6	8	0	8				
70	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	56	40	66	66				
71	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	70	182	210	330				
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	20	84	84				
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	5	25	25				
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	50	50	142		Was Under Maintenance	
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	18	20	20				
76	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	5	25	43	43				
77	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	9	10	9				
78	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	24	21	24				
79	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	265	250	341	341				
<b>Sylhet Zone Total</b>				<b>1431</b>	<b>1396</b>	<b>485</b>	<b>716</b>	<b>1057</b>	<b>1196</b>	<b>0</b>	<b>142</b>		
80	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
Bheramara 360 MW CCPP (NWPGL)						230	280	312	0			On Test	
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	42	0	42				
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	43	0	61				
83	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	125	0	158	158				
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	5	98	110	110				
85	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	0	115	99	99				
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	45				
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
**	Bheramara HVDC Interconnector	India		500	500	493	486	497	497				
<b>Khulna Zone Total</b>				<b>1273</b>	<b>1259</b>	<b>853</b>	<b>1104</b>	<b>1216</b>	<b>1084</b>	<b>0</b>	<b>0</b>		
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	27				
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	110	80	110				
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	11	17	12	16				
91	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	90	82	94	94				
<b>Barisal Zone Total</b>				<b>377</b>	<b>367</b>	<b>117</b>	<b>209</b>	<b>186</b>	<b>247</b>	<b>0</b>	<b>0</b>		
92	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	52	43	64	63	28		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	10.05.17
93	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	0	0	40				
94	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	14	0	50				
95	Amnura	HFO (QRPP)	7x7.79	50	50	0	12	42	42				
Chapainawabganj-100 MW						0	0	0	0			On Test	
96	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	42				
97	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50				
98	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	35				
99	Sirajganj CCPP	Gas (NWPGL)	1x150+1x75	210	210	195	190	195	190				
100	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
101	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	4	5	6				
102	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	5	5	11				
103	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	0	0	0	0				
<b>Rajshahi Zone Total</b>				<b>809</b>	<b>799</b>	<b>269</b>	<b>298</b>	<b>383</b>	<b>551</b>	<b>28</b>	<b>100</b>		
104	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	77	80	81	81				
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	85	82	80	82				
105	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	16				
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>162</b>	<b>162</b>	<b>161</b>	<b>179</b>	<b>0</b>	<b>0</b>		
<b>Sub-total: Plants in operation</b>				<b>12612</b>	<b>12133</b>	<b>5291</b>	<b>6964</b>	<b>8834</b>	<b>9844</b>	<b>460</b>	<b>1007</b>		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5010	6594	8365	9321				
<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>5291</b>	<b>6964</b>	<b>8834</b>	<b>9844</b>	<b>460</b>	<b>1452</b>		
<b>(D) Actual data of 01.05.17 (Yesterday) Wednesday :</b>													
01.	Max. Demand (Generation end)	:	6964.00 MW, at = 19:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	6594.00 MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	6964.00 MW, at = 19:00 hrs	Dhaka	2588	2588	0	Mymensingh	454	454	0		
04.	Minimum Generation (Generation end)	:	4068.00 MW, at = 24:00	Chittagong	775	775	0	Sylhet	273	273	0		
05.	Day-peak Generation (Generation end)	:	5291.00 MW, at = 12:00 hrs	Khulna	955	955	0	Barisal	179	179	0		
06.	Evening-peak Generation (Generation end)	:	6964.00 MW, at = 19:00 hrs	Rajshahi	195	195	0	Rangpur	400	400	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs	Comilla	775	775	0	Total	6594	6594	0		
08.	Generation shortfall at evening peak due to :												
	a) Gas limitation	:	460 MW	Fuel cost :		(a) Gas = 51662384 Taka	(c) Coal = 14804312 Taka						
	b) Low water level in Kaptai lake	:	0 MW	(b) Oil = 210525197 Taka		Total = 276991892 Taka							
	c) Plants under shut down/ maintenance	:	1452 MW	13. Maximum Temperature in Dhaka was : 33.0° C									
09.	Total Energy (Generation + India Import)	:	125.00 MKWh	14. Export through East-West interconnections :									
	By Gas = 72.89 MKWh	By Oil = 31.50 MKWh											
	By Coal = 3.80 MKWh	By Hydro = 3.04 MKWh											
10.	Total Gas Supplied	:	791.94 MMCFD	At evening peak-hour		:	-220 MW, at 19:00 hrs						
				Maximum		:	50 MW, at 1:00 hrs						
				Energy		:	7.8675 MKWh						
<b>(E) Forecast of 02.05.17 (Today) Tuesday :</b>													
01.	Maximum Demand	:	8500 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	9844 MW (Generation end)	05.	Total Generation	:	125.00 MKWh						
03.	Maximum Shortage	:	-1344 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	33.0° C						

\* Captive Power \*\* Imported Power

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

(MONIRUZZAMAN)  
Deputy Secretary, Generation