



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

Office of the Member, Generation  
Tel : 9564667, 9551095

Month : May, 2011				Day : <b>Thursday</b>				Date : <b>26.05.11</b>				
Today's Probable Maximum Demand : 5100 MW				Today's Probable Maximum Generation : 4474 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = <b>77.93</b> ft				Today = <b>78.65</b> ft				
				Rule Curve = <b>77.20</b> ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.05.11 (Yesterday)		26.05.11 (Today)		25.05.11 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/ water limitation MW	Machines shut down (MW)		Description/ Remarks
1	a) Ghorasal ST:Unit -1, 2	Gas (PDB)	2 x 55	110	85	50	50	50	50	30	# 2 Under overhauling	# 2 - Dec. 2011
	b) Ghorasal ST:Unit-3,4,5,6	Gas (PDB)	4 x 210	840	760	540	540	540	540	190	# 6 Under overhauling	# 6 - Jan. 2012
2	Horipur GT: Unit-1,2,3	Gas (PDB)	3 x 32	96	96	57	57	57	57	32	# 3 Under maintenance	# 3 - Dec. 2011
3	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	40	0	105		
4	a) Shiddirganj ST	Gas (EGCB)	1 x 210	210	150	0	0	90	100	150	Was under maintenance	
	b) Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	105	42	44	44	44	61	# 1- Under maintenance	June, 2011
5	Horipur NEPC GT (HFO)	HFO (IPP)	8x15	110	110	51	54	50	54	56	Machine problem	
6	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	281	280	259	280	80		
7	Meghnaghat CCPP	Gas (IPP)	2x150+1x150	450	450	438	442	425	442			
8	Narsingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	15	16	19	16			
9	Summit Power, Dhaka	Gas (SIPP, REB)	6x3.67+2x6.97+1x6.73	146	146	96	108	104	108			
10	Pagla (DPA)	HSD QRPP (3 yrs)	100x0.5	49	49	25	26	26	26	23	Machine problem	
11	Ghorasal 100MW (Aggreko)	HSD QRPP (3 yrs)	128x0.85	100	100	100	102	100	100			
12	Ghorasal 45MW (Aggreko)	HSD QRPP (3 yrs)	58x0.85	45	45	43	46	44	46			
13	Ghorasal 78.5MW (Max)	Gas QRPP (3 yrs)	4x21.5			76	68	74	68		Under test run	
14	Madanganj (Summit)	HFO QRPP (5 yrs)	6x17	100	100	85	85	38	85	15	Machine problem	
15	Meghnaghat (IEL)	HFO QRPP (5 yrs)	12x8.9	100	100	94	103	46	100			
16	Siddirganj (Desh)	HSD QRPP (3 yrs)	96x1.2	96	96	73	82	78	82	14	Machine problem	
<b>Dhaka Zone Total</b>				<b>3149</b>	<b>2879</b>	<b>2066</b>	<b>2103</b>	<b>2084</b>	<b>2198</b>	<b>246</b>	<b>510</b>	
17	Chittagong ST:Unit -1, 2	Gas (PDB)	2 x 210	420	360	0	0	0	0	360	# 1 Under overhauling	# 1-June 2011
	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	88	88	58	88	92	# 2 Under maintenance	# 2-June 2011
	# 3 Under maintenance											# 3 - Dec. 2011
19	a) Shikalbaha ST	Gas (PDB)	1 x 60	60	40	39	40	40	40			
	b) Shikalbaha Peaking GT	Gas (PDB)	1x150	150	150	0	60	70	70			
20	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	12	19	17	19	3	Machine problem	
21	Shikalbaha (Energis)	HFO RPP (3 yrs)	4x12.5+2x11.9+1x3+1x1.5	55	55	36	36	24	36	19	Machine problem	
22	Malancha, Ctg.EPZ (Uniled)	Gas				6	20	5	20			
<b>Chittagong Zone Total</b>				<b>937</b>	<b>857</b>	<b>181</b>	<b>263</b>	<b>214</b>	<b>273</b>	<b>92</b>	<b>432</b>	
23	a) Ashuganj ST: Unit-1, 2	Gas (APSCL)	2 x 64	128	128	64	64	64	64	50	# 1 Under maintenance	# 1 - Dec. 2011
	b) Ashuganj ST:Unit-3,4,5	Gas (APSCL)	3 x 150	450	380	245	245	245	245	140	# 4 Under overhauling	# 4 - June 2011
	c) Ashuganj CCPP	Gas (APSCL)	2x56+1x34	146	98	75	75	55	75			
	d) Ashuganj Engines	Gas (APSCL)	14x3.968	50	50	53	42	47	42			
24	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	20	22			
25	Jangalla (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	23	24	24	24	9	Machine problem	
26	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8			
27	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	19	19	24	19			
28	Ashuganj (Precision)	Gas RPP (3 yrs)	15x4.0	55	55	51	52	50	52			
29	Brahmanbaria (Aggreko)	Gas QRPP (3 yrs)	72x1.10	68	68	42	72	35	72			
30	Ashuganj (Aggreko)	Gas QRPP (3 yrs)	82x1.10			15	83	20	0		Under test run	
<b>Comilla Zone Total</b>				<b>987</b>	<b>869</b>	<b>617</b>	<b>706</b>	<b>592</b>	<b>623</b>	<b>0</b>	<b>199</b>	
31	RPCL CCPP	Gas (IPP)	4x35+1x70	210	175	105	105	105	105	105		
32	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	16	20	2	Machine problem	
<b>Mymensingh Zone Total</b>				<b>232</b>	<b>197</b>	<b>125</b>	<b>125</b>	<b>121</b>	<b>125</b>	<b>105</b>	<b>2</b>	
33	a) Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	91	88	87	88	87			
	b) Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35			36	36	36	36		GT-2 under test run	
34	Shajibazar GT:Unit-5,6,8,9	Gas (PDB)	2x15+2x35	100	89	60	79	60	80			
35	Sylhet GT	Gas (PDB)	1 x 20	20	20	0	20	0	20			
36	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
37	Shajibazar (Energyprima)	Gas RPP (3 yrs)	27x2.0	50	50	25	46	45	46	4	Machine problem	
38	Sylhet (Energyprima)	Gas RPP (3 yrs)	27x2.0	48	48	33	48	43	48			
39	Fenchuganj (Barakatullah)	Gas RPP (15 yrs)	19x2.90	51	51	22	47	42	47			
40	Shajibazar (Shajibazar)	Gas RPP (15 yrs)	32x2.90	86	86	89	89	86	86			
41	Sylhet (Desh)	Gas RPP (15 yrs)	6x1.95	10	10	6	8	0	8	2	Machine problem	
<b>Sylhet Zone Total</b>				<b>473</b>	<b>456</b>	<b>370</b>	<b>471</b>	<b>411</b>	<b>469</b>	<b>0</b>	<b>6</b>	
42	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	46	0	46			
43	a) Khulna ST	HFO (PDB)	1 x 110	110	60	0	0	0	50	60	Under maintenance	26.05.2011
	b) Khulna ST	HFO (PDB)	1 x 60	60	35	0	0	0	0	30	Under maintenance	June, 2010
44	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	106	108	108	102	108			
45	Bheramara (Quantum)	HSD RPP (3 yrs)	12x8.5+2x6+2x13	110	105	60	77	25	77	28	Machine problem	
46	Khulna (Aggreko)	HSD RPP (3 yrs)	50x0.80	40	40	40	41	23	41			
47	Noapara (Quantum)	HFO RPP (5 yrs)	13x8.5			0	0	1.5	0		Under test run	
48	Khulna (Aggreko)	HSD QRPP (3 yrs)	71x0.85	55	53	54	53	33	53			
49	Khulna (KPCL-II)	HFO QRPP (5 yrs)	7x17			115	119	119	0		Under test run	
50	Noapara (Khanjahan Ali)	HFO QRPP (5 yrs)	5x8.5			43	44	43	0		Under test run	
<b>Khulna Zone Total</b>				<b>545</b>	<b>445</b>	<b>420</b>	<b>488</b>	<b>347</b>	<b>375</b>	<b>0</b>	<b>118</b>	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.05.11 (Yesterday)		26.05.11 (Today)		25.05.11 (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)		
51	Barisal Diesel	HSD (PDB)	2x1.4+2x1.35	5.5	3	0	1.5	0	1				
52	Barisal GT : Unit -1, 2	HSD (PDB)	2 x 20	40	32	0	14.5	0	15		15	# 1 Under maintenance	31.05.2011
53	Bhola (Venture)	Gas RPP (3 yrs)	1x34.50	33	33	7	26	10	26				
<b>Barisal Zone Total</b>				<b>79</b>	<b>68</b>	<b>7</b>	<b>42</b>	<b>10</b>	<b>42</b>	<b>0</b>	<b>15</b>		
54	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	68	68	69	68				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	100	100	80	100				
55	Westmont GT	Gas (IPP)	2x45	90	70	35	37	36	37		35	# 1 Under maintenance	09.06.2011
56	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	6	11	7	11				
57	Bogra (Engergyprima)	Gas RPP (3 yrs)				3	7	4	7			Under Test run	
58	Bogra (GBB)	Gas RPP (15 yrs)	6x4.0	21	21	20	20	21	20				
<b>Rajshahi Zone Total</b>				<b>293</b>	<b>273</b>	<b>232</b>	<b>243</b>	<b>217</b>	<b>243</b>	<b>0</b>	<b>35</b>		
59	Barapukuria ST:Unit -1, 2	Coal (PDB)	2 x 125	250	220	64	70	69	70		90	# 1-under maintenance	28.05.2011
60	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	14	0	14				
61	Syedpur GT	HSD (PDB)	1 x 20	20	19	0	17	0	17				
62	Thakurgaon (RZ Power)	HSD RPP (3 yrs)	20x1.5+21x1.1	50	47	25	25	0	25		22	Machine problem	
<b>Rangpur Zone Total</b>				<b>340</b>	<b>306</b>	<b>89</b>	<b>126</b>	<b>69</b>	<b>126</b>	<b>0</b>	<b>112</b>		
<b>Total</b>				<b>7034</b>	<b>6350</b>	<b>4107.0</b>	<b>4567.0</b>	<b>4064.5</b>	<b>4474.0</b>	<b>443</b>	<b>1428</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>3774</b>	<b>4197</b>	<b>3735</b>	<b>4112</b>				

A. Actual data of 25.05.11 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	5100.00	MW,	at = 21:00 hrs	11.	Zone wise Demand and Load-shed (at Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	4687.00	MW,	at = 21:00 hrs		Zone	Demand	Load Shed	Area	Demand	Load Shed	Max. Temp.
03.	Highest Generation (Generation end)	:	4567.00	MW,	at = 21:00 hrs			MW	MW		MW	MW	in Dhaka
04.	Minimum Generation (Generation end)	:	3455.00	MW,	at = 7:00 hrs		Dhaka	1960	236	Mymensingh	270	33	
05.	Day-peak Generation (Generation end)	:	4107.00	MW,	at = 12:00 hrs		Chittagong	508	148	Sylhet	279	0	
06.	Evening-peak Generation (Generation end)	:	4567.00	MW,	at = 21:00 hrs		Khulna	450	0	Barisal	91	0	
07.	Max. Load-shed at (Sub-station end)	:	490.00	MW,	at = 21:00 hrs		Rajshahi	495	29	Rangpur	274	0	
08.	Generation shortfall due to :						Comilla	360	44	<b>Total</b>	<b>4687</b>	<b>490</b>	
	a) Gas limitation	:	351	MW		12.	Fuel cost : (a) Gas = 56719491 Taka						
	b) Low water level in Kaptai lake	:	92	MW			(b) Oil = 1622650 Taka (PDB)						
	c) Plants under shut down/ maintenance	:	1428	MW			<b>Total 58342140 Taka</b>						
09.	Total Energy Generation		:	94.77	MKWh	13.	Export through East-West interconnections :						
	By Gas =	75.68	MKWH	By Oil =	15.88	MKWh	At evening peak-hour : 450 MW, at 21:00 hrs						
	By Coal =	1.56	MKWH	By Hydro =	1.66	MKWh	Maximum : 470 MW, at 3:00 hrs						
10.	Total Gas Supplied		:	710.29	MMCFD		Energy : 8.8995 MKWh						

B. Forecast of 26.05.11 (Today) Thursday :											
01.	Maximum Demand	:	5250	MW	(Generation end)	04.	Maximum Load-shed	:	713	MW	(Sub-station end)
02.	Maximum Generation	:	4474	MW	(Generation end)	05.	Total Generation	:	95.00	MKWh	
03.	Maximum Shortage	:	776	MW	(Generation end)						

(Engr. Md. Abu Yousuf)  
Deputy Secretary, Generation