Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

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

Month : August, 2010 | Day : Sunday | Date : 29.08.10

Probable Maximum Generation : (a) At Day Peak Time = 3985 MW (b) At Evening Peak Time = 4414 MW

Water Level of Kaptai Lake at 06:00 AM Yesterday = 104.98 ft Today = 105.31 ft. Rule Curve = 98.01 ft.

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.08.10 (Yesterday) Actual Generation (MW)		29.08.10 (Today) Probable Generation (MW)		28.08.10 (Yesterday) Shortage of Gas MW	at Even. Peak Gen. shortfall for : Plants under shutdown		
						Day Peak	Even. Peak	Day Peak	Even. Peak		Capacity (MW)	Description	Probable start-up date
1	Kaptai Hydro : Unit - 1, 2, 3, 4, 5	(PDB)	2x40, 3x50	230	230	136	176	176	176		50	# 3 rehab.	August, 2010
2	Chittagong ST (Gas) : Unit - 1, 2	(PDB)	2 x 210	420	360	220	280	220	280	80			
3	a) Shikalbaha ST (Gas)	(PDB)	1 x 60	60	40	40	40	40	40				
	b) Shikalbaha Peaking (GT)	(PDB)	1x150			0	0	0	0	150		Gas shortage	
4	a) Ghorasal ST (Gas) : Unit - 1, 2	(PDB)	2 x 55	110	85	45	45	45	45		30	# 2 under maint.	
	b) Ghorasal ST (Gas):Unit-3,4,5,6	(PDB)	4 x 210	840	760	460	530	460	530		190	# 6 under maint.	
5	Fenchuganj CCPP (Gas)	(PDB)	2x32+1x33	97	91	74	90	72	90				
6	Shajibazar GT (Gas) : Unit - 8, 9	(PDB)	2 x 35	70	69	64	65	62	65				
7	Sylhet GT (Gas)	(PDB)	1 x 20	20	20	0	19	0	19				
8	Tongi GT (Gas)	(PDB)	1 x 105	105	105	50	45	30	30	60			
9	a) Khulna ST (FO)	(PDB)	1 x 110	110	60	0	0	0	0		60	Under maintenance	August, 2010
	b) Khulna ST (FO)	(PDB)	1 x 60	60	35	0	0	0	0		35	Under maintenance	31.08.10
10	Rangpur GT (HSD)	(PDB)	1 x 20	20	20	0	15	0	15				
11	Syedpur GT (HSD)	(PDB)	1 x 20	20	19	0	0	0	16				
12	Bheramara GT (HSD)	(PDB)	3 x 20	60	54	0	46	0	46				
13	Barisal GT (HSD) : Unit - 1, 2	(PDB)	2 x 20	40	32	0	14	0	14				
14	Barisal Diesel (HSD):Unit-5,7,8,9	(PDB)	2x1.4+2x1.35	5.5	3	0	1.5	0	2				
15	Barapukuria ST (Coal):Unit-1,2	(PDB)	2 x 125	250	220	88	60	67	60		95	Under maintenance	30.08.10
16	Horipur GT (Gas)-1,2,3	(SBU, PDB)	3 x 32	96	96	57	56	57	56		32	# 3 under maint.	
17	a) Baghabari GT (Gas)	(SBU, PDB)	1 x 71	71	71	72	75	70	72				
	b) Baghabari GT (Gas)	(SBU, PDB)	1 x 100	100	100	100	65	102	60	35			
18	a) Shiddirganj Steam (Gas)	(EGCB)	1 x 210	210	150	150	150	150	150				
	b) Shiddirganj GT (Gas)	(EGCB)	1 x 105	105	105	0	0	0	0		105	Under maintenance	
	c) Shiddirganj GT (Gas)	(EGCB)	1 x 105			28	45	0	45	60			
19	a) Ashuganj Steam (Gas)-1, 2	(APSCL)	2 x 64	128	128	114	114	114	114				
	b) Ashuganj Steam (Gas)-3,4,5	(APSCL)	3 x 150	450	380	385	385	385	385				
	a) Ashuganj CCPP (Gas)	(APSCL)	2x56+1x34	146	98	74	77	40	77		18	ST under maintenance	
20	Meghnaghat CCPP (Gas)	(IPP)	2x150+1x150	450	450	448	451	433	450				
21	Horipur CCPP (Gas)	(IPP)	1x235+1x125	360	360	308	339	355	339	21			
22	RPCL CCPP (Gas)	(IPP)	4x35+1x70	210	175	105	89	105	89	86			
23	Horipur NEPC GT (HFO)	(IPP)	8x15	110	110	72	90	65	90				
24	KPCL, Khulna Engine (HFO)	(IPP)	19x6.5	110	106	96	102	102	102				
25	Westmont GT (Gas)	(IPP)	2x45	90	70	70	70	70	70				
26	Tangail (Gas)	(SIPP, PDB)	8x2.90	22	22	18	17	15	17				
27	Feni (Gas)	(SIPP, PDB)	8x2.90	22	22	22	22	22	22				
28	Jangalia (Gas)	(SIPP, PDB)	4x8.73	33	33	21	29	22	29				
29	Barabkunda (Gas)	(SIPP, PDB)	8x2.90	22	22	23	23	23	23				
30	Narshingdi (Gas)	(SIPP, REB)	8x2.90	22	22	22	22	22	22				
31	Hobiganj (Gas)	(SIPP, REB)	4x2.90	11	11	8	11	11	11				
32	Mahipal, Feni (Gas)	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
33	Ullapara Summit (Gas)	(SIPP, REB)	4x2.90	11	11	11	11	11	11				
34	Summit Power (Gas)	(SIPP, REB)	9x3.67+2x6.97+14x8.73	171	171	121	111	118	111				
35	Shajibazar (Gas)	Rental (3 yrs)	27x2.0	50	50	42	43	42	43				
36	Kumargaon, Sylhet (Gas)	Rental (3 yrs)	27x2.0	48	48	39	42	42	42				
37	Bhola (Gas)	Rental (3 yrs)	1x34.50	33	33	28	28	26	28				
38	Ashuganj (Gas)	Rental (3 yrs)	15x4.0	55	55	50	55	51	54				
39	Khulna (HSD)	Rental (3 yrs)	50x0.80	40	40	36	36	36	36				
40	Shikalbaha (HFO)	Rental (3 yrs)	4x12.5+2x11.9+1x3+1x1.5	55	55	26	26	25	26				
41	Thakurgaon (HSD)	Rental (3 yrs)	20x1.5+21x1.1	47	47	0	25	0	25				
42	Ghorasal 45 MW + 100 MW (HSD)	Rental (3 yrs)		45	45	71	119	120	119			100 MW Under test run	
43	Khulna 55 MW (HSD)	Rental (3 yrs)	71x0.85	53	53	0	57	0	57				
44	Shajibazar (Gas)	Rental (15 yrs)	32x2.90	86	86	89	89	89	89				
45	Sylhet (Gas)	Rental (15 yrs)	6x1.95	10	10	9	10	9	10				
46	Bogra (Gas)	Rental (15 yrs)	6x4.0	21	21	18	21	18	21				
47	Fenchuganj (Gas)	Rental (15 yrs)	19x2.90	51	51	50	52	52	52				
48	Malancha, Ctg. EPZ (Gas)	(IPP)				0	28	0	28				
	Total			6072	5521	3971	4422.5	3985	4414	492	615		
	Available load at Sub-station end after deducting Auxiliary use and Transmission loss					3446	3838	3458	3832	MW	MW		

A. 28.08.10 (Yesterday) Saturday :

1. Highest Generation : 4549.00 MW, at = 04.00 hrs.
2. Minimum Generation : 3808.00 MW, at = 17.00 hrs.
3. Day-peak Maximum Generation : 3971.00 MW, at = 10.00 hrs.
4. Evening-peak Maximum Generation : 4422.50 MW, at = 21.00 hrs.
5. Total Energy Generation 98.14 MKWh
   By Gas = 92.00 MKWH By Oil = 1.08 MKWh
   By Coal = 1.48 MKWH By Hydro = 3.58 MKWh
6. Max. Demand (Generation end) : 5350.00 MW, at = 21.00 hrs.
7. Max. Demand (Sub-station end) : 4643.00 MW, at = 21.00 hrs.
8. Max. Load-shed (Sub-station end) : 805.00 MW, at = 21.00 hrs.
9. Area wise Demand and Load-shed were :

Area	Demand MW	Load Shed MW	Area	Demand MW	Load Shed MW
Dhaka	1962	359	Mymensingh	270	44
Chittagong	515	106	Sylhet	250	16
Khulna	515	88	Barisal	112	15
Rajshahi	410	76	Rangpur	214	42
Comilla	395	59	Total	4643	805

B. 29.08.10 (Today) Sunday :

1. Forecast at evening peak-hour :
   a) Maximum Demand : 5500 MW
   b) Maximum Generation : 4414 MW
   c) Total Generation : 99 MKWh
   d) Maximum Shortage : 1086 MW (Generation end)
   e) Maximum Load-shed : 942 MW (Sub-station end)

10. Yesterday at Even. Peak Gen. shortfall for Gas shortage : 492 MW
11. Yesterday at Even. Peak Gen. shortfall for water shortage : 0 MW
12. Yesterday at Even. Peak Gen. shortfall for Plants shut-down : 615 MW
13. Yesterday Total Gas Supplied : 827.92 MMCFD
14. Yesterday Fuel cost :
    (a) Gas = 61191567 Taka
    (b) Oil = 70514194 Taka (PDB)
    Total 131705761 Taka
15. Yesterday Export through East-West interconnections :
    At evening peak-hour : 510 MW, at 21.00 hrs.
    Maximum : 620 MW, at 05:00 hrs.
    Energy : 13.1650 MKWh