

POWER GRID COMPANY OF BANGLADESH LTD.
CENTRAL LOAD DESPATCH CENTER. LDC.DHAKA
DAILY REPORT

QF-LDC-08
Page -1

Till now the maximum generation is :- 4296.0 MW at 20:00 Hrs on 18-Sep-09 Reporting Date : 23-Feb-10

The Summary of Yesterday's (22-Feb-10)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3350.0	MW	Hour : 12:00	Min Gen. at 4:00	3109 MW
Evening Peak Generation :	3460.5	MW	Hour : 19:00	Max Generation :	3835 MW
E.P. Demand (at gen end) :	4700.0	MW	Hour : 19:00	Max Demand :	4750 MW
Maximum Generation :	3619.5	MW	Hour : 24:00	Shortage :	915 MW
Total Gen. (MKWH) :	77.06	System L/ Factor :	85.41%	Load Shed :	777 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	570	MW	at 3:00	Energy	10840000 KWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 23-Feb-10					
Actual : 86.86	Ft.(MSL) ,	Rule curve :	93.90	Ft.(MSL)	

Gas Consumed : Total	720.28	MMCFt.	Oil Consumed (PDB) :		
			HSD :	273642	Liter
			FO :	0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk53,235,895 Oil : Tk10,945,688 Total : Tk64,181,583

Load Shedding & Other Information

Area	Yesterday		Today		
	Actual Shedding (s/s end)		Estimated Demand(s/s end)		Rates of Shedding (On Estimated Demand)
	MW		from	MW	
Dhaka	331	(17:30-23:55, gen. shortage)	1685	277	16%
Chittagong Area	178	(17:30-00:10, gen. shortage)	461	107	23%
Khulna Area	136	(17:30-23:30, gen. shortage)	425	99	23%
Rajshahi Area	143	(17:30-23:26, gen. shortage)	393	93	24%
Comilla Area	102	(17:30-23:10, gen. shortage)	315	74	23%
Mymensing Area	82	(17:30-23:00, gen. shortage)	232	54	23%
Sylhet Area	-	0	208	-	-
Barisal Area	20	(17:30-23:30, gen. shortage)	87	20	23%
Rangpur Area	61	(17:30-23:26, gen. shortage)	229	53	23%
Total	1053	19:00	4035	777	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Khulna 60 MW (05/07/06)	1) Kaptai- 3 (19/04/08) 2) Shajibazar- 2 (13/07/08) 3) Shajibazar-4 (18/10/08) 4) Khulna 110 (31/03/09) 5) Haripur SBU GT-3 (18/06/09). 6) Shahjibazar 5 (05/08/09) 7) Shahjibazar -6 (11/10/09). 8) Raozan -2 (08/11/09)
	09) Ashuganj CCPP ST (05/12/09) 10) Raozan -1(19/12/09) 11) Sikalbaha St (27/12/09) 12) Kaptai -4 (17/01/10) 13) Baghabari GT-1 (17/01/10) 14) HPL GT & ST (22/02/10)

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

Description	Forced load shaded / Interrupted Areas
a) There was generation shortage in the evening peak hour yesterday.	So about 1053 MW (19:00) of load shed was imposed over the whole area (except Sylhet) of the national grid .
b) Due to gas limitation, RPCL (175 MW) , NEPC (110MW) and Siddhirganj 210 MW were limited to 105 MW, 75 MW and 150 MW respectively.	
c) Due to gas limitation, Sikalbaha Steam & Raozan -2 were under shut down.	
d) Siddhirganj GT-1 tripped at 08:59 due to gas booster trip and was synchronized at 11:26. Again it was shut down at 15:16 for inspection and maintenance.	
e) After maintenance, Tongi GT was synchronized at 09:35. But it tripped at 10:03 due to generator breaker trip and was synchronized at 11:27.	
f) Fenchuganj CCPP GT-2 was shut down at 12:14 due to combined mode and was synchronized at 12:58. Again it tripped at 16:24 showing reverse power and was synchronized at 17:13.	
g) Baghabari WMPL GT-1 tripped at 13:07 showing 'inlet manifold vacuum high'.	
h) Raozan unit -1 was synchronized at 20:01.	
i) After maintenance, Ghorasal unit -3 was synchronized at 20:14.	
j) After maintenance, Barapukuria unit -2 was synchronized at 03:55 (23/02/10).	
k) Hasnabad - Meghnaghat 230 KV line -1 & 2 were under shut down from 09:11 to 12:16 and 12:18 to 12:58 due to red-hot maintenance of isolator at Hasnabad end.	
l) Netrokona 132/33 KV T2 transformer was under annual maintenance from 10:05 to 18:05.	
m) Bagerhat - Bhandaria 132 KV line and Bhandaria - Barisal 132 KV lines tripped at 13:05 from Bhandaria end showing 'DIST Z2, Z3', 'DIST Z2' respectively. At the same time KPCL machines (1 & 3) also tripped . The lines were switched on at 13:16 and 13:15 and the machines were synchronized at 13:12 and 13:18 respectively.	Power interruption occurred (6 MW) under Bhandaria S/S areas for 10 minutes.
n) Noapara - Jessore 132 KV line -2 and Noapara - Khulna (C) 132 KV line -1 & 2 were under protection test from 11:40 to 12:30 and 12:35 to 14:06 respectively.	
o) Patuakhali 132/33 KV T3 transformer was under shut down from 11:57 to 13:41 due to replacement of Lightning arrester.	
p) Madanganj - Shitalakhya 132 KV line and Hasnabad - Shitalakhya 132 KV line tripped at 16:57 from Madanganj and Hasnabad end showing , E/F' and ' DIST ABC' due to broken of B -phase lightning arrester at Hasnabad end and were switched on at 17:07 and 20:15 respectively.	Power interruption occurred (46 MW) under Shitalakhya S/S areas from 16:57 to 17:07.
q) Pabna - Ishurdi 132 KV line is under project work since 06:33(23/02/10).	
r) Joydevpur - Kabirpur 132 KV line - 2 is under annual maintenance since 08:27 (23/02/10).	Due to generation shortage, about 200 MW (09:00) of load shed has been running since morning (23/02/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle