

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

QF-LDC-08
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Till now the maximum generation is :-		4296.0 MW at	20:00	Hrs	on 18-Sep-09	Reporting Date : 25-Feb-10
The Summary of Yesterday's (24-Feb-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3422.0	MW	Hour :	10:00	Min Gen. at 4:00	3159 MW
Evening Peak Generation :	3622.5	MW	Hour :	20:00	Max Generation :	3800 MW
E.P. Demand (at gen end) :	4000.0	MW	Hour :	20:00	Max Demand :	4700 MW
Maximum Generation :	3734.5	MW	Hour :	21:00	Shortage :	900 MW
Total Gen. (MKWH) :	79.53	System L/ Factor :		85.41%	Load Shed :	776 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :- Maximum		680	MW	at 18:30	Energy	12084000 KWHR.
Import from West grid to East grid :- Maximum		-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 25-Feb-10						
Actual :	86.37	Ft.(MSL) ,	Rule curve :	93.60	Ft.(MSL)	
Gas Consumed : Total 695.20 MMCFt. Oil Consumed (PDB) :						
					HSD :	193716 Liter
					FO :	0 Liter
Cost of the Consumed Fuel (PDB) : Gas : Tk51,382,232 Oil : Tk7,748,654 Total : Tk59,130,886						

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	to MW	
Dhaka	58	(17:40-19:50, gen. shortage)		1710	292 17%
Chittagong Area	69	(17:40-22:00, gen. shortage)		460	104 23%
Khulna Area	47	(17:40-21:45, gen. shortage)		425	97 23%
Rajshahi Area	30	(17:40-22:00, gen. shortage)		390	88 23%
Comilla Area	46	(17:40-21:50, gen. shortage)		312	70 22%
Mymensing Area	39	(17:40-21:35, gen. shortage)		231	52 23%
Sylhet Area	-	0		209	- -
Barisal Area	10	(17:40-21:45, gen. shortage)		87	20 23%
Rangpur Area	27	(17:40-22:00, gen. shortage)		230	53 23%
Total	326	20:00		4054	776

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 CAPP ST (05/12/09) 10) Kaptai -4 (17/01/10) 11) HPL GT & ST (22/02/10) 12) Siddhirganj Gt -(23/02/10).

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. Due to heavy rain and Storm the demand was dropped .	So about 326 MW (20:00) of load shed was imposed over the whole area (except Sylhet) of the national grid .
b) Due to gas limitation, Ghorasal (830 MW), RPCL (175 MW) , NEPC (110MW) , Baghabari GT-2 (100 MW), Raozan (180 MW) and Siddhirganj 210 MW were limited to 810 MW, 71 MW, 3 MW, 80 MW and 150 MW respectively.	
c) Baghabari WMPL unit -2 tripped at 11:08 showing 'vibration high' and was synchronized at 14:15.	Power interruption occurred (26 MW) under Bottail S/S areas for 9 minutes.
d) Baghabari GT-1 (71 MW) was under shut down from 11:40 to 08:25 (25/02/10) due to changing of filter.	
e) After maintenance, Ashuganj unit -1 was synchronized at 13:13.	Power interruption occurred (131 MW) under Ullon and Dhanmondi S/S areas from 17:26 to 17:44.
f) After maintenance, Ghorasal unit - 4 was synchronized at 14:30.	
g) Tongi GT tripped at 18:38 showing ' Over frequency' and was synchronized at 20:20.	Power interruption occurred (62 MW) under Shyampur S/S areas from 17:35 to 18:05.
h) Hathazari - Comilla (N) 230 KV line -1 from 08:19 to 17:25, Netrokona 132/33 KV T2 transformer, from 08:35 to 16:10 and Goalpara - Khulna Central 132 KV line -1 from 09:30 to 14:28 were under annual maintenance.	
i) Ashuganj - Ghorasal 230 KV line -2 was under shut down from 09:51 to 18:19 due to oil filling at CT.	Power interruption occurred (45 MW) under uTTARA S/S areas for 7 minutes.
j) Bottail 132/33 KV T1 and T2 transformer tripped at 09:36 showing ' E/F' and were switched on at 09:45.	
k) After annual maintenance, Barisal S/S - P/S 132 KV line was switched on at 16:31.	
l) Aminbazar (on DIST RST) - Mirpur (on DIST) 132 KV line -2 tripped at 17:08 from both end and was switched on at 17:45.	
m) Due to heavy rain and storm, Rampura - Ullon 132 KV line from Rampura end showing 'DIST Z2' , Moghbazar - Ullon 132 KV line from Moghbazar end showing ' Main prot. trip' and Siddhirganj - Ullon 132 KV line -1 & 2 tripped from Siddhirganj end showing ' O/C, inst. E/F' tripped at 17:26. Rampura - Ullon 132 KV line and Siddhirganj Ullon 132 KV line -1 & 2 were switched on at 17:44 17:55 and 17:56 respectively. Moghbazar - Ullon 132 KV line is now under maintenance.	
n) Shyampur (DIST Z1) - Hasnabad (on DIST Z2) 132 KV line tripped at 17:28 from both end and was switched on at 18:45 then it tripped again . On the other hand , Shyampur - Haripur 132 KV line was forced shut down at 17:35 due to firing at 132 KV insulator. The lines were switched on at 20:52 and 18:05 respectively.	
o) Ghorasal - Narsingdi 132 line tripped at 16:15 from both end showing ' Remote prot.'. It is now under inspection and maintenance.	
p) Haripur - Madanganj 132 KV line tripped at 18:29 from Haripur end showing ' DIST prot. Diff. E/F' and was switched on at 18:38.	
q) Tongi - Uttara 132 KV line tripped at 18:33 from Tongi end showing ' DIST Z2' and was switched on at 23:03. Power restored at Uttara by switched on Mirpur - Uttara 132 KV line at 18:40.	
r) Comilla (N) - Chandpur 132 KV line tripped at 18:49 from Comilla end showing ' Directional O/C' and was switched on at 18:50.	
s) Gulshan 132/33 KV MT2 transformer tripped at 18:02 showing ' Gent prot. & differential ' and was switched on at 22:41.	

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle
