

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

Revised

QF-LDC-08

Page -1

Till now the maximum generation is :-				4606.0 MW at	22:00	Hrs	Reporting Date : 16-Apr-10	
The Summary of Yesterday's (15-Apr-10) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	4085.0	MW	Hour :	10:00	Min Gen. at	8:00	2623	MW
Evening Peak Generation :	4191.0	MW	Hour :	19:30	Max Generation :		4305	MW
E.P. Demand (at gen end) :	5300.0	MW	Hour :	19:30	Max Demand :		5000	MW
Maximum Generation :	4460.0	MW	Hour :	1:00	Shortage :		695	MW
Total Gen. (MKWH) :	96.37	System L/ Factor :			85.41%	Load Shed :	587	MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR								
Export from East grid to West grid :- Maximum				640	MW	at 1:00	Energy	12597000 KWHR.
Import from West grid to East grid :- Maximum				-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of					16-Apr-10			
Actual :	77.45	Ft.(MSL) ,			Rule curve :	85.00	Ft.(MSL)	
Gas Consumed :	Total	792.14	MMCFt.		Oil Consumed (PDB) :			
							HSD :	259331 Liter
							FO :	0 Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk58,547,067			Oil :	Tk10,373,230	Total : Tk68,920,297	

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	397	(18:30- 23:42, gen. shortage)		1768	202 11%
Chittagong Area	136	(18:30- 22:52, gen. shortage)		480	80 17%
Khulna Area	125	(18:30- 22:52, gen. shortage)		452	79 17%
Rajshahi Area	126	(18:30- 22:33 gen. shortage)		412	70 17%
Comilla Area	75	(18:30- 23:02, gen. shortage)		332	58 17%
Mymensing Area	53	(18:30- 22:33 gen. shortage)		245	42 17%
Sylhet Area	-	0		200	- -
Barisal Area	24	(18:30- 22:52, gen. shortage)		92	16 17%
Rangpur Area	-	0		240	40 17%
Total	936	19:30		4221	587

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Kaptai- 3 (19/04/08) 2) Khulna 110MW (31/03/09) 3) Haripur SBU GT-3 (18/06/09) 4) Ashuganj CCPP ST (05/12/09) 5) Kaptai -4 (17/01/10) 6) Ghorasal-2 (29/03/10) 7) HPL St (15/04/10)

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 936 MW (19:30) of load shed was imposed over the whole area (except Sylhet and Rangpur) of the national grid .
b) Due to low gas pressure, RPCL (175 MW), Raozan (360 MW), NEPC (110 MW), and Siddhirganj GT-1 (120 MW) were limited to 104 MW, 320 MW, 40 MW and 50 MW respectively.	
c) Haripur Power Ltd. Steam was shut down at 11:27 due to turbine bearing vibration high.	
d) After maintenance, Tongi GT was synchronized at 12:25.	
e) Barapukuria unit -1 & 2 tripped at 06:19 (16/04/10) and 06:35 (16/04/10) showing ' Generator failure ' and ' Auxiliary failure' respectively. Unit -2 may be synchronized before evening peak hour today.	
<u>Due to heavy rain and storm , the demand was dropped and also some lines and transformers tripped . The tripping Details has given below :-</u>	
f) Jhenidaha 132/33 KV T1, T2 and T3 transformers tripped at 23:15 showing ' O/C' and were switched on at 23:22.	Power interruption occurred (60 MW) under Jhenida S/S areas for 7 minutes.
g) Tongi (on DIST Z1) - Aminbazar (on DIST RST) 230 KV line -2 tripped at 01:15 (16/04/10) from both end and was switched on from Aminbazar end only at 08:00 (16/04/10).	
h) Haripur - Madanganj 132 KV line tripped at 01:34 (16/04/10) from Haripur end showing 'E/F' and was switched on at 02:25 916/04/10).	
i) Kabirpur (on DREW) - Tongi (on DIST prot) 132 KV line -1 tripped at 01:35 (16/04/10) from both end and was switched on at 02:40 (16/04/10).	
j) Haripur - Shyampur 132 KV line tripped at 01:36 (16/04/10) from Haripur end showing ' ABN Z2' and was switched on at 02:28 (16/04/10).	
k) Joydevpur - Ghorasal 132 KV line -2 tripped from Ghorasal end at 01:02 (16/04/10) showing ' Remote prot' and was switched on at 02:38 (16/04/10).	
l) Shyampur 132/33 KV T2 and T3 transformers tripped at 01:36 (16/04/10) showing no relay and were switched on at 02:30 (16/04/10).	Power interruption occurred (85 MW) under Shyampur S/S areas from 01:06 to 02:30.
m) Hasnabad 132/33 KV T2, T5 and T6 transformers tripped at 01:30 (16/04/10) showing ' LVTHI O/C at B& C-phase' and were switched on at 02:30 (16/04/10),02:25 and 02:26 respectively.	No interruption.
n) Hasnabad - Shyampur 132 KV line tripped at 01:45 (16/04/10) from Hasnabad end showing ' DIST Z2 AB' and was switched on at 02:42 (16/04/10).	
o) Ishurdi - Bheramara 132 KV line -2 tripped at 01:50 (16/04/10) from Ishurdi end sowing 'CAR CD, DIST' and was switched on at 01:59 916/04/10).	
p) Bottail 132/33 KV T1 and T2 tripped at 01:49 (16/04/10)showing ' 86 X & E/F' and were switched on at 01:53 (16/04/10) respectively.	Power interruption occurred (3.5 MW) under Bottail S/S areas from 01:06 to 02:30.
q) Bheramara P/S - GK project tripped at 03:48 (16/04/10) from GK project end showing ' Diff. lockout' and was switched on at 03:55 (16/04/10).But it tripped again at 04:50 (16/04/10) showing same relay and was switched on at 04:54 (16/04/10).	
r) After erection of tower Tongi - Aminbazar 230 KV line -1 & 2 was switched on at 18:16. Again it is under shut down since 07:35 (16/04/10) due to the same reason.	

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division



Deputy General Manager
Load Despatch Circle