

POWER GRID COMPANY OF BANGLADESH LTD.
NATIONAL LOAD DESPATCH CENTRE
DAILY REPORT

QF-LDC-08
Page -1

Till now the maximum generation is :- **4698.5 MW at 21:00 Hrs** Reporting Date : 21-Sep-10
on 20-Aug-10

The Summary of Yesterday's (20-Sep-10)		Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3751.0	MW	Hour :	10:00	Min Gen. at 7:00	3581	MW
Evening Peak Generation :	3994.0	MW	Hour :	19:30	Max Generation :	4057	MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	19:30	Max Demand :	5200	MW
Maximum Generation :	4005.5	MW	Hour :	1:00	Shortage :	1143	MW
Total Gen. (MKWH) :	89.14	System L/ Factor :		85.41%	Load Shed :	1011	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	520	MW	at 3:00	Energy	11045000	KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-	KWHR.
Water Level of Kaptai Lake at 6:00 A M of 21-Sep-10							
Actual :	107.84	Ft.(MSL) ,	Rule curve :	103.60	Ft.(MSL)		

Gas Consumed : Total 715.11 MMCFt. Oil Consumed (PDB) :
HSD : 1709230 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk52,853,780 Oil : Tk68,369,192 Total : Tk121,222,972

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e)	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	415	(17:55-05:39 gen. shortage)	1970	383	19%
Chittagong Area	151	(17:55-04:03 gen. shortage)	569	144	25%
Khulna Area	133	(17:55-05:33 gen. shortage)	519	131	25%
Rajshahi Area	110	(17:55-05:33 gen. shortage)	427	108	25%
Comilla Area	85	(17:55-03:05 gen. shortage)	335	84	25%
Mymensing Area	64	(17:55-03:05 gen. shortage)	220	55	25%
Sylhet Area	24	(17:55-03:05 gen. shortage)	225	22	10%
Barisal Area	26	(17:55-23:48 gen. shortage)	100	25	25%
Rangpur Area	59	(17:55-23:48 gen. shortage)	237	59	25%
Total	1067	19:30	4602	1011	

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) Ghorasal 2(26/04/10) 5) Siddirganj GT-1 (18/06/10) 6) Ghorasal 6(18/07/10) 7)Ghorasal-5(12/09/10)
	8) Ashuganj-4(12/09/10) 9)Ghorasal-3(19/09/10)

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 1067 MW (19:30) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Raozan (360 MW) and Tongi GT (105 MW) were limited to 290 MW, 75 MW respectively.	
c) Ghorasal RPP tripped at 10:29 due to breaker trip and was synchronized at 11:45.	Power interruption occurred (about 16 MW) under Ishurdi S/S areas 22:47 to 23:34 and about 13 MW has been occurring since 08:48(21/9/10)
d) Ashuganj - Kishoreganj 132 KV line-1 tripped from both side at 10:29 showing dist c . At the same time Ashuganj 132 KV bus coupler & Shahjibazar RPP also tripped. Ashuganj - Kishoreganj was switched on at 23:16 , bus coupler was switched on at 15:49 and RPP was synchronized at 10:36.	
e) Bheramara - Faridpur 132 KV line-1 was shut down at 14:41 due to CT ratio change and was switched on at 15:29.	
f) Ishurdi 132/33 KV X-former T1 tripped at 21:50 due to 33 KV breaker problem and T2 X-former tripped at 08:48(21/9/10) due to 33 KV incoming breaker problem.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle