

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

QF-LDC-08
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Till now the maximum generation is :- **4698.5 MW at 21:00 Hrs** Reporting Date : **1-Oct-10**
on **20-Aug-10**

The Summary of Yesterday's (30-Sep-10)) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3753.0	MW	Hour :	12:00	Min Gen. at 7:00	3758 MW
Evening Peak Generation :	4036.5	MW	Hour :	20:00	Max Generation :	4131 MW
E.P. Demand (at gen end) :	5300.0	MW	Hour :	20:00	Max Demand :	5200 MW
Maximum Generation :	4226.0	MW	Hour :	2:00	Shortage :	1069 MW
Total Gen. (MKWH) :	92.29	System L/ Factor :		85.41%	Load Shed :	953 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	498	MW	at 20:00	Energy	11081000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 1-Oct-10						
Actual :	107.64	Ft.(MSL) ,	Rule curve :	106.00	Ft.(MSL)	

Gas Consumed : Total 716.56 MMCFt. Oil Consumed (PDB) :
HSD : 1775385 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk52,960,950 Oil : Tk71,015,410 Total : Tk123,976,360

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from tðMW	MW	(On Estimated Demand)
Dhaka	508	(17:45-05:50 gen. shortage)	1994	366	18%
Chittagong Area	126	(17:45-05:40 gen. shortage)	570	133	23%
Khulna Area	103	(17:45-05:50 gen. shortage)	519	121	23%
Rajshahi Area	126	(17:45-05:50 gen. shortage)	427	100	23%
Comilla Area	94	(17:45-05:39 gen. shortage)	337	79	23%
Mymensing Area	71	(17:45-05:36 gen. shortage)	222	52	23%
Sylhet Area	23	(17:45-00:55 gen. shortage)	231	24	10%
Barisal Area	14	(17:45-05:50 gen. shortage)	100	23	23%
Rangpur Area	62	(17:45-05:50 gen. shortage)	237	55	23%
Total	1127	20:00	4637	953	

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) Raozan- 2(27/9/10)
	10) Ashuganj-1(20/9/10)

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 1127 MW (20:00) 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 90 MW and 60 MW respectively.	
c) Barapukuria #1 tripped at 17:52 showing no flame and was synchronized at 19:12. again tripped at 20:18 due to same cause and was synchronized at 21:30.	Due to generation shortage, about 200 MW (09:00) of load shed has been running since morning (01/10/10) over the whole area of the national grid.
d) Ashuganj CCGT GT-1 & ST. tripped at 05:07(01/10/10) due to turbine over speed.	
e) Baghabari 71 MW was shut down at 06:23(01/10/10) due to change of filter.	
f) Bagherhat -Bhandaria 132 KV tripped at 14:04 showing E/F and was switched on at 14:09.	
g) Faridpur - Madaripur 132 KV line-1 & 2 tripped at 14:04 showing distance & earth fault relays and was switched on at 14:11.	
h) Kabirpur 132/33 KV T3 transformer tripped at 21:20 due to cable fault of 33 KV Nayer hat feeder and was switched on at 22:20.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle