

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	21:00	Hrs	on	20-Aug-10	Reporting Date : 7-Oct-10
The Summary of Yesterday's (6-Oct-10)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3607.0	MW	Hour :	10:00	Min Gen. at	7:00	2965 MW
Evening Peak Generation :	3953.8	MW	Hour :	21:00	Max Generation :		3966 MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	21:00	Max Demand :		5200 MW
Maximum Generation :	4038.5	MW	Hour :	2:00	Shortage :		1234 MW
Total Gen. (MKWH) :	90.73	System L/ Factor :		85.41%	Load Shed :		1121 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :- Maximum		480	MW	at	6:00	Energy	9753000 KWHR.
Import from West grid to East grid :- Maximum		-	MW	at	-	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of				7-Oct-10			
Actual :	106.90	Ft.(MSL) ,	Rule curve :	106.54	Ft.(MSL)		
Gas Consumed : Total		717.28	MMCFt.	Oil Consumed (PDB) :		HSD :	1859012 Liter
						FO :	0 Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk53,014,165	Oil :	Tk74,360,494	Total :	Tk127,374,659	

Load Shedding & Other Information

Area	Yesterday		Estimated Demand(s/s end)	Today	
	MW		MW	Estimated Shedding (s/s end)	Rates of Shedding (On Estimated Demand)
Dhaka	489	(17:35-00:30 gen. shortage)	2029	438	22%
Chittagong Area	156	(17:35-00:17 gen. shortage)	582	155	27%
Khulna Area	130	(17:35-21:55 gen. shortage)	530	141	27%
Rajshahi Area	115	(17:35-23:46 gen. shortage)	436	116	27%
Comilla Area	82	(17:35-22:52 gen. shortage)	344	92	27%
Mymensing Area	62	(17:35-22:48 gen. shortage)	226	60	27%
Sylhet Area	27	(17:35-22:25 gen. shortage)	230	26	11%
Barisal Area	19	(17:35-21:55 gen. shortage)	104	28	27%
Rangpur Area	52	(17:35-22:51 gen. shortage)	244	65	27%
Total	1132	21:00	4725	1121	

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) Barapukuria- 2(21/9/10)
	10) Ashuganj-St.(06/10/10)
	11) Raozan-1 (03/10/10)

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 1132 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to gas limitation, RPCL (175 MW) and Tongi (105MW) were limited to 90 MW and 0 MW respectively.	
c) Manikganj - Narinda 132 KV line-2 tripped at 23:35 showing pilot wire protection relay and was switched on at 23:48.	Power interruption occurred (about70 MW) underManikganj S/S areas from 23:35 to 23:48
d) Rajshahi 132/33 KV T2 transformer shut down at 05:37(07/10/10) due to fire of CT and was switched on at 11:45.	
e) Ishurdi 132/33 KV T2 transformer tripped at 05:08(07/10/10) showing O/C relays and was switched on at 06:36.	Power interruption occurred (about 17 MW) under Tangail S/S areas from 14:30 to 15:25.
f) Ishurdi 132/33 KV T2 transformer was shut down at 07:01(07/10/10) due to breaker maintenance.	
g) Tangail 132/33 KV transformer was shut down at 14:30 due to red hot maintenance and was switched on at15:25.	
Deputy / Asstt. Manager Network Operation Division	Deputy General Manager Load Despatch Circle

Manager
Network Operation Division