

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 : 22-Aug-10 on 20-Aug-10	
The Summary of Yesterday's (21-Aug-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	4172.0	MW	Hour :	10:00	Min Gen. at 8:00	3947 MW
Evening Peak Generation :	4542.5	MW	Hour :	21:00	Max Generation :	4495 MW
E.P. Demand (at gen end) :	5250.0	MW	Hour :	21:00	Max Demand :	5500 MW
Maximum Generation :	4691.5	MW	Hour :	4:00	Shortage :	1005 MW
Total Gen. (MKWH) :	100.98	System L/ Factor :		85.41%	Load Shed :	890 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	570	MW	at 3:00	Energy	11498000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 22-Aug-10						
Actual :	103.84	Ft.(MSL) ,	Rule curve :	95.72	Ft.(MSL)	

Gas Consumed : Total	827.27	MMCFt.	Oil Consumed (PDB) :			
			HSD :	1729808	Liter	
			FO :	0	Liter	

Cost of the Consumed Fuel (PDB) : Gas : Tk61,143,526 Oil : Tk69,192,310 Total : Tk130,335,836

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	305	(18:30-04:35 gen. shortage)	2142	385	18%
Chittagong Area	102	(18:30-04:35 gen. shortage)	598	125	21%
Khulna Area	82	(18:30-04:50 gen. shortage)	538	108	20%
Rajshahi Area	80	(18:30-04:15 gen. shortage)	443	89	20%
Comilla Area	18	(18:30-01:30 gen. shortage)	345	66	19%
Mymensing Area	10	(18:30-12:05 gen. shortage)	228	43	19%
Sylhet Area	-	0	222	-	-
Barisal Area	6	(18:30-04:30 gen. shortage)	105	21	20%
Rangpur Area	23	(18:30-04:15 gen. shortage)	250	53	21%
Total	626	21:00	4871	890	

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)

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. b) Due to gas limitation RPCL (210 MW) ,HPL (360 MW) Baghabari (71MW) and Baghabari (100MW) were limited to 89 MW,349 MW,50 MW and 50 MW respectively. c) Ashuganj CCPP GT-1 & ST tripped at 14:36 due to excessive vibration and GT-1 was synchronized at 17:39 . d) Khulna 60 MW tripped at 17:15 due to A/C failure. e) Bheramara 132 KV Bus -B was shut down at 08:18 due to hooking new RPP and was switched on at 14:18. f) Ishurdi Breaker No-632B was shut down at 13:11 due to maintenance work and was switched on at 16:20.	So about 626 MW (21:00) of load shed was imposed over the whole areas (except Sylhet) of the national grid .

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle