

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 :- **4606.0 MW at 22:00 Hrs** Reporting Date : 12-Aug-10
on 14-Apr-10

The Summary of Yesterday's (11-Aug-10)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3537.0	MW	Hour : 11:00	Min Gen. at 7:00	3837 MW
Evening Peak Generation :	3810.5	MW	Hour : 20:00	Max Generation :	3995 MW
E.P. Demand (at gen end) :	5400.0	MW	Hour : 20:00	Max Demand :	5400 MW
Maximum Generation :	3988.5	MW	Hour : 4:00	Shortage :	1405 MW
Total Gen. (MKWH) :	86.49	System L/ Factor :	85.41%	Load Shed :	1180 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	510	MW	at 7:00	Energy	10310000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 12-Aug-10						
Actual :	99.88	Ft.(MSL) ,	Rule curve :	92.52	Ft.(MSL)	

Gas Consumed : Total 734.18 MMCFt. Oil Consumed (PDB) :
HSD : 1720984 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk54,263,244 Oil : Tk68,839,356 Total : Tk123,102,600

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	586	(18:30-Till Now gen. shortage)	1964	478	24%
Chittagong Area	180	(18:30-Till Now gen. shortage)	560	164	29%
Khulna Area	153	(18:30-07:39 gen. shortage)	515	153	30%
Rajshahi Area	132	(18:30-06:04 gen. shortage)	422	125	30%
Comilla Area	105	(18:30-05:58 gen. shortage)	333	98	29%
Mymensing Area	76	(18:30-05:29 gen. shortage)	216	63	29%
Sylhet Area	-	0	191	-	-
Barisal Area	32	(18:30-05:39 gen. shortage)	100	30	30%
Rangpur Area	71	(18:30-06:04 gen. shortage)	235	69	29%
Total	1335	20:00	4536	1180	

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 (16/06/10)
	7) Sikalbaha St (07/07/10)
	8) Ghorasal 6(18/07/10)
	9) Raozan -2 (17/07/10)
	10) Ashuganj GT-1 (02/08/2010)
	11) Haripur SBU GT-1 (1/8/2010)
	12)Barapukuria #1(7/8/2010)

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 1335 MW (20:00) of load shed was imposed over the whole (except Sylhet) areas of the national grid .
b) Due to gas limitation, RPCL (210 MW) ,Tongi (105 MW) and HPL (360 MW) were limited to 104 MW,0 MW and 348 MW respectively.	
c) After maintenance WMPL # 2 was synchronized at 21:32.	
d) After maintenance Kaptai #1 was synchronized at 21:55..	Power interruption (23 MW) occurred under Jenidah S/S areas from 9:50 to 9:55.
e) After maintenance Ghorashal #3 was synchronized at 06:09 (12/08/2010).	
f) Sikalbaha RPP was shut down at 13:20 due to gas line maintenance.	
g) After maintenance Khulna 60 MW was synchronized at 16:50.	
h) Haripur -Norsingdi 132 KV line-1shut down at 13:50 due to maintenance at Norsingdi side and was switched on at 14:18.	
i) After maintenance Ashuganj -Ghorashal 230 KV line-1 was switched on at 15:30.	
j) Hasnabad - Kamrangirchar 132 KV line was opened at Kamrangirchar end due to red hot of line isolator .	
k) Hathazari - Comilla 230 KV line -1 tripped at 00:50 (12/8/10) showing distance relays at both end and was switched on at 00:56 (12/8/10).	
l) Ishurdi 132/33 KV T1 was dhut down at 09:43 due to red hot maintainance and was switched on at 15:37.	
m) Jenidah 132/33 KV T1 & T2 X-former tripped at 9:50 showing distance relay and was switched on at 9:55.	
	Due to generation shortage, about 500 MW (09:00) of load shed has been running since morning (12/08/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle