

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 on **20-Aug-10** Reporting Date : **4-Oct-10**

The Summary of Yesterday's (3-Oct-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	:	3737.0	MW	Hour	:	10:00	Min Gen. at 8:00 3879 MW
Evening Peak Generation	:	3986.5	MW	Hour	:	21:00	Max Generation : 4014 MW
E.P. Demand (at gen end)	:	5350.0	MW	Hour	:	21:00	Max Demand : 5350 MW
Maximum Generation	:	4087.5	MW	Hour	:	1:00	Shortage : 1336 MW
Total Gen. (MKWH)	:	91.56	System L/ Factor	:	:	85.41%	Load Shed : 1183 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	440	MW	at	7:00	Energy	9663000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at	-	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 4-Oct-10							
Actual	:	107.28	Ft.(MSL)	Rule curve	:	106.27	Ft.(MSL)

Gas Consumed : Total 715.86 MMCFt. Oil Consumed (PDB) :
HSD : 1841704 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk52,909,213 Oil : Tk73,668,144 Total : Tk126,577,357

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	516	(17:30-till now gen. shortage)	2033	463	23%
Chittagong Area	158	(17:30-till now gen. shortage)	586	165	28%
Khulna Area	144	(17:30-till now gen. shortage)	534	150	28%
Rajshahi Area	118	(17:30-till now gen. shortage)	439	123	28%
Comilla Area	91	(17:30-till now gen. shortage)	346	97	28%
Mymensing Area	68	(17:30-00:54 gen. shortage)	225	62	28%
Sylhet Area	23	(17:30-00:53 gen. shortage)	226	25	11%
Barisal Area	24	(17:30-till now gen. shortage)	103	28	27%
Rangpur Area	65	(17:30-till now gen. shortage)	246	70	28%
Total	1207	21:00	4738	1183	

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-1(20/9/10)
	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 1207 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Raozan (360 MW),RPCL (210 MW),Baghabari (100 MW), Sikalbaha GT (150 MW) and Tongi GT (105 MW) were limited to 100 MW ,105 MW ,60 MW 100 and 0 MW respectively.	
c) Kaptai #1 tripped at 08:48 due to AVR problem and was synchronized at 09:45. It again tripped at 14:35 due to voltage regulation failure and was synchronized at 16:25 . It again tripped at 18:14 due to voltage regulation failure and was synchronized at 19:20.	Power interruption occurred (about 40 MW) under Kishoreganj S/S areas from 13:26 to 13:48.
d) Mymensingh RPCL tripped at 13:26 due to voltage fluctuation and was synchronized at 13:33.	
e) Siddirganj GT-2 tripped at 16:52 due to auxiliary X-former relay problem and was synchronized at 21:01.	Due to generation shortage, about 350 MW (09:00) of load shed has been running since morning (04/10/10) over the whole area of the national grid.
f) Raozan #1 is under shut down due to over holing at 19:52.	
g) Khulna QRPP tripped at 10:52 due to tripping of 33 KV Khalishpur feeder and was synchronized at 11:48.	
h) Fenchuganj 132/33 KV T2 X-former was shut down at 09:55 due to red hot maintenance and was switched on at 10:10.	
i) Mymensingh - Jamalpur 132 KV line -1 & 2 tripped at 13:26 showing distance BC Z2 from both end and was switched on at 13:48 & 14:03 respectively.	
j) Ashuganj #2 , CCPP GT-1 & St tripped at 07:47 (4/10/2010) due to auxiliary supply fail and Ashuganj #2 was synchronized at 12:12 (4/10/2010).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle