

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 : 3-Oct-10 on 20-Aug-10		
The Summary of Yesterday's (2-Oct-10) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand				
Day Peak Generation	:	3759.0	MW	Hour	:	10:00	Min Gen.	at	8:00	3879	MW	
Evening Peak Generation	:	4054.5	MW	Hour	:	19:30	Max Generation	:		4062	MW	
E.P. Demand (at gen end)	:	5250.0	MW	Hour	:	19:30	Max Demand	:		5350	MW	
Maximum Generation	:	4190.0	MW	Hour	:	2:00	Shortage	:		1288	MW	
Total Gen. (MKWH)	:	92.13	System L/ Factor	:		85.41%	Load Shed	:		1142	MW	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR												
Export from East grid to West grid :- Maximum				516		MW		at 5:00		Energy 10128000 KWHR.		
Import from West grid to East grid :- Maximum				-		MW		at -		Energy - KWHR.		
Water Level of Kaptai Lake at 6:00 A M of						3-Oct-10						
Actual :		107.40		Ft.(MSL) ,		Rule curve :		106.18		Ft.(MSL)		
Gas Consumed :		Total		729.01		MMCFt.		Oil Consumed (PDB) :				
										HSD :	1804124	Liter
										FO :	0	Liter
Cost of the Consumed Fuel (PDB) : Gas :				Tk53,881,129		Oil :		Tk72,164,968		Total : Tk126,046,097		

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from to MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	426	(17:45-till now gen. shortage)	2040	448	22%
Chittagong Area	148	(17:45-till now gen. shortage)	586	159	27%
Khulna Area	126	(17:45-till now gen. shortage)	534	145	27%
Rajshahi Area	111	(17:45-till now gen. shortage)	439	119	27%
Comilla Area	79	(17:45-till now gen. shortage)	345	93	27%
Mymensing Area	61	(17:45-till now gen. shortage)	225	59	26%
Sylhet Area	28	(17:45-07:05 gen. shortage)	229	25	11%
Barisal Area	25	(17:45-till now gen. shortage)	103	27	26%
Rangpur Area	57	(17:45-till now gen. shortage)	246	67	27%
Total	1061	19:30	4747	1142	

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)

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 1061 MW (19:30) 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 190 MW ,106 MW ,80 MW 0 and 0 MW respectively.	
c) Kaptai #1 & #2 tripped at 9:02 due to voltage regulation failure and were synchronized at 9:24, 9:50 respectively . These machines again tripped at 10:38 due to same reason and were synchronized at 15:05 & 18:40.	Power interruption occurred (about 8 MW) under Kishoreganj S/S areas from 09:20 to 15:55.
d) After maintenance Raozan #2 was synchronized at 14:55.	
e) Sikalbaha - Dohazari line- 1 & 2 tripped at 12:03 from both end showing dist Z1,Z2 & E/F . At the same time Sikalbaha GT 150 MW tripped . Lines were switched on at 12:30,12:15 respectively.	Power interruption occurred (about 147.6 MW) under Faridpur, Madaripur Gopalganj,Barishal,Patuakhali,Bhandaria S/S areas from 18:50 to 20:02.
f) Kishoreganj 132/33 KV T3 X-former was shut down at 09:20 due to maintenance work of REB at Nandail feeder and was switched on at 15:55.	
g) Tangail 132/33 KV T1 X-former was shut down at 09:45 due to maintenance of tape changer and was switched on at 16:22.	Due to generation shortage, about 100 MW (09:00) of load shed has been running since morning (03/10/10) over the whole area of the national grid.
h) Bheramara - Faridpur 132 KV line-1 tripped at 18:50 due to CT burst from both end . At the same time 132 KV Bheramara - Faridpur line-1,Madaripur - Faridpur line-1,Bagerhat - Bhandaria line & Barisal GT-1 & 2 also tripped . Lines were switched on at 20:02, 19:03, 19:00, 18:56 respectively. Machines were synchronized at 19:26,18:59 respectively.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle