

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 :-			6350 MWV at		21:00	Hrs	Reporting Date : 19-Oct-12		
The Summary of Yesterday's (18-Oct-12) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	4491.0	MW	Hour :	12:00	Min. Gen. at	7:00	4143	MW	
Evening Peak Generation :	5549.0	MW	Hour :	21:00	Max Generation :		5550	MW	
E.P. Demand (at gen end) :	6200.0	MW	Hour :	21:00	Max Demand :		6100	MW	
Maximum Generation :	5549.0	MW	Hour :	21:00	Shortage :		550	MW	
Total Gen. (MKWH) :	111.33	System L/ Factor :		93.23%	Load Shed :		497	MW	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid :- Maximum			580		MW	at	7:00	Energy	11.055 MKWHR.
Import from West grid to East grid :- Maximum			-		MW	at	-	Energy	- MKWHR.
Water Level of Kaptai Lake at 6:00 A M on					19-Oct-12				
Actual :	108.53	Ft.(MSL) ,	Rule curve :		107.70	Ft.(MSL)			
Gas Consumed : Total		804.81	MMCFD.		Oil Consumed (PDB) :		HSD : Liter		
							FO : Liter		
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk64,267,290						
		Coal :	Tk19,096,087		Oil :	Tk295,580,890	Total :	Tk378,944,267	

Load Shedding & Other Information

Area	Yesterday		Today	
	MW		Estimated Demand(s/s end) from	Estimated Shedding (s/s end) Rates of Shedding (On Estimated Demand)
Dhaka	253	(09:00-23:00)	2200	158 7%
Chittagong Area	77	(09:00-23:00)	593	67 11%
Khulna Area	81	(09:00-23:00)	657	73 11%
Rajshahi Area	77	(09:00-23:00)	578	64 11%
Cornilla Area	36	(09:00-23:00)	408	46 11%
Mymensing Area	28	(09:00-23:00)	347	39 11%
Sylhet Area	-	0:00	289	- -
Barisal Area	10	(09:00-23:00)	124	14 11%
Rangpur Area	26	(09:00-23:00)	321	36 11%
Total	588	21:00	5517	497

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	9) Raozan #1(8/9/12)
3) Kaptai #3 (1/12/10)	2) Ashuganj-1(09/11/10)
4) Sikalbaha-60 MW(2/7/12)	10) Ashuganj CC GT2(13/9/12)
	3) Khulna-60 MW(24/1/12)
	4) Shahjibazar #5 & 6(21/7/11)
	5) Sikalbaha GT(16/9/12)
	6) Khulna-110 MW(21/6/12)
	7) WMPL #1(1/5/12)
	8) Raozan #2 (8/8/12)

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 588 MW (21:00) of load shed was imposed over the whole(except Sylhet) areas of the national grid .
b) Ishurdi-Bheramara 132 kV Ckt-2 was shut down at 08:58 due to emergency maintenance at Ishurdi end and was switched on at 13:16.	
c) Haripur 132 kV Bus section-1 breakers 911B & 921B tripped at 09:25 showing bus bar protection (VAJ) relay and was switched on at 09:35.	Power interruption occurred (about 244 MW) under Siddirganj,Maniknagar Narinda & Bangobhaban S/S areas from 09:25 to 09:35.
d) Haripur-Siddirganj 132 kV Ckt-1, Haripur-Sonargaon 132 kV Ckt-1 & 2, Haripur-Norsingdi 132 kV Ckt & Haripur-Rahimsteel 132 kV Ckt tripped at 08:58 due to tripping of Haripur 132 kV Bus section-1 and were switched on at 09:36,09:38,09:39 & 09:40 respectively.	
e) Siddirganj Dutch Bangla & Siddirganj QRPP tripped at 08:58 due to tripping of Haripur 132 kV Bus section-1 and were synchronized at 09:49 & 10:10 respectively.	
f) Ashuganj-Serajganj 132 kV Ckt-2 tripped at 09:35 showing main-1 auto reclose block relay and was switched on at 19:47.	
g) Ashuganj #4 tripped at 09:35 showing E/F relay and was synchronized at 11:22.	
h) Jessore 132/33 kV T1 transformer was shut down at 08:42 due to annual maintenance and was switched on at 16:13.	
j) Bogra 132/33 kV T2 transformer was shut down at 09:25 due to Isolator maintenance at 132 kV end and was switched on at 17:35.	
k) Tangail 132/33 kV T1 transformer was shut down at 14:43 due to 33 kV end CT collar movement and was switched on at 15:30.	
l) NEPC tripped at 1620 showing fire alarm and was synchronized at 17:37.	
m) After maintenance Ashuganj #3 was synchronized at 19:15.	
n) Shyampur 132/33 kV T4 transformer was shut down at 20:49 due to oil leakage maintenance at 33 kV end PT and was switched on at 08:10(19/10/12).	
o) Madanganj-Shitalakhkha 132 kV Ckt was shut down at 23:30 due to red hot maintenance at Madanganj end and was switched on at 01:07(19/10/12).	
Deputy / Asstt. Manager Network Operation Division	Manager Network Operation Division
	Deputy General Manager Load Despatch Circle