

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 :-			6675 MW at		21:00		Hrs		Reporting Date : 23-Sep-13		
The Summary of Yesterday's (22-Sep-13) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :			4958.0		MW		Hour :		9:00		
Evening Peak Generation :			5821.0		MW		Hour :		19:30		
E.P. Demand (at gen end) :			6600.0		MW		Hour :		19:30		
Maximum Generation :			5851.0		MW		Hour :		22:00		
Total Gen. (MKWH) :			122.04		System L/ Factor :		81.11%		Min. Gen. at 8:00 4763 MW		
									Max Generation : 5904 MW		
									Max Demand : 6700 MW		
									Shortage : 796 MW		
									Load Shed : 715 MW		
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR											
Export from East grid to West grid :- Maximum			490		MW		at		6:00		
Import from West grid to East grid :- Maximum			-		MW		at		-		
									Energy 8.602 MKWHR.		
									Energy - MKWHR.		
			Water Level of Kaptai Lake at 6:00 A M on			23-Sep-13					
Actual :			97.42		Ft.(MSL) ,			Rule curve :		104.08 Ft.(MSL)	
Gas Consumed : Total			847.92		MMCFD.		Oil Consumed (PDB) :				
							HSD : Liter				
							FO : Liter				
Cost of the Consumed Fuel (PDB+Pvt) :											
Gas :					Tk67,709,795						
Coal :					Tk16,750,749		Oil :		Tk379,545,051 Total : Tk464,005,596		

Load Shedding & Other Information

Area	Yesterday		Today		
	MW	(18:15-24:00)	Estimated Demand(s/s end) from 10MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	266	(18:15-24:00)	2315	182	8%
Chittagong Area	75	(18:15-24:00)	633	91	14%
Khulna Area	91	(18:15-24:00)	688	99	14%
Rajshahi Area	78	(18:15-24:00)	673	97	14%
Comilla Area	59	(18:15-24:00)	466	67	14%
Mymensing Area	45	(18:15-24:00)	390	56	14%
Sylhet Area	35	(18:15-24:00)	318	46	14%
Barisal Area	16	(18:15-24:00)	141	20	14%
Rangpur Area	36	(18:15-24:00)	398	57	14%
Total	701	19:30	6022	715	

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) 9) Ashuganj GT #1 & 2, ST(8/9/13)
	2) Khulna-60 MW(24/1/12)
	3) Shahjibazar #5 & 6(21/7/11)
	4) WMPL #1(1/5/12)
	5) WMPL #2(24/4/13)
	6) Raojan #2 (31/07/13)
	7) Raozan #1 (15/08/13)
	8) Sikalbaha 60 MW (15/08/13)

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 701 MW (19:30) of load shed was imposed over the whole areas of the national grid .
b) Bottail 33 kV bus was shut down from 08:05 to 09:30 due to red hot maintenance.	
c) Ashuganj-Kishoreganj 132 kV Ckt-2 tripped at 10:27 showing distance relay at both end and was switched at 17:31. At the same time Ashuganj TSK, B. Baria, Ashuganj precision, Shahjibazar 50MW tripped and were synchronized at 11:04, 11:20, 11:35, 10:40 respectively.	Power interruption occurred (about 40 MW) under Bottail S/S areas from 08:05 to 09:30.
d) Noapara-Khulna @ 132 kV Ckt-2 tripped at 11:25 showing distance relay at Noapara end and over current relay at Khulna @ end. At the same time Khulna @-Goalpara 132 kV Ckt tripped showing over current relay at Khulna @ end and was switched on at 11:48.	
e) Khulna @- Goalpara 132 kV Ckt-1 tripped at 12:35 showing no relay and was switched on at 13:15. At the same time KPCL-1, KPCL-2, Noapara 100 MW, Khulna 110MW & 150 MW tripped and were synchronized on at 13:50, 13:25, 13:24, 16:28, 14:37 respectively.	Power interruption occurred (about 84 MW) under Khulna Central, Gollamari, Satkhira S/S areas from 11:25 to 12:59 due to remain Bheramara HVDC-Khulna (S) 230 kV Ckt-1 & 2 shut down.
f) Bheramara-Bottail 132 kV Ckt-1 & 2 tripped at 12:35 showing distance relay at Bottail end and were switched on at 13:05.	
g) After maintenance Bheramara HVDC -Khulna (S) 230 kV Ckt was switched on at 12:59.	Power interruption occurred (about 56 MW) under Jessore S/S areas from 12:39 to 15:12.
h) Jessore 132 kV bus was shut down from 12:39 to 15:12 due to red hot maintenance	
Deputy / Asstt. Manager Network Operation Division	Deputy General Manager Load Despatch Circle

Manager
Network Operation Division