

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 : **20-Sep-10**
on **20-Aug-10**

The Summary of Yesterday's (19-Sep-10)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3856.0	MW	Hour : 12:00	Min Gen. at 7:00	3301 MW
Evening Peak Generation :	4356.0	MW	Hour : 20:00	Max Generation :	4180 MW
E.P. Demand (at gen end) :	5200.0	MW	Hour : 20:00	Max Demand :	5200 MW
Maximum Generation :	4356.0	MW	Hour : 20:00	Shortage :	1020 MW
Total Gen. (MKWH) :	93.00	System L/ Factor :	85.41%	Load Shed :	910 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	520	MW	at 3:00	Energy	11437000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.

Water Level of Kaptai Lake at 6:00 A M of 20-Sep-10		Rule curve : 103.37 Ft.(MSL)	
Actual : 107.58	Ft.(MSL) ,		

Gas Consumed : Total	750.40	MMCFt.	Oil Consumed (PDB) :	HSD : 1721639 Liter
				FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk55,462,064 Oil : Tk68,865,546 Total : Tk124,327,610

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	368	(18:10-00:58 gen. shortage)	2015	367	18%
Chittagong Area	105	(18:10-00:45 gen. shortage)	567	125	22%
Khulna Area	60	(18:10-00:45 gen. shortage)	515	112	22%
Rajshahi Area	75	(18:10-00:30 gen. shortage)	424	93	22%
Comilla Area	38	(18:10-00:30 gen. shortage)	335	74	22%
Mymensing Area	42	(18:10-00:30 gen. shortage)	220	48	22%
Sylhet Area	21	(18:10-00:05 gen. shortage)	230	20	9%
Barisal Area	12	(18:10-00:45 gen. shortage)	99	21	21%
Rangpur Area	32	(18:10-00:30 gen. shortage)	235	50	21%
Total	753	20:00	4640	910	

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)

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 743 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Raozan (360 MW) and Tongi GT (105 MW) were limited to 330 MW, 75 MW respectively.	
c) Barapukuria #1 tripped at 09:22 showing no flame signal.	
d) Fenchuganj GT #1 was shut down at 12:07 due to combine mode and was synchronized at 15:49.	
e) Fenchuganj GT #2 was shut down at 16:15 due to combine mode and was synchronized at 17:05.	
f) Ghorasal #3 shut down at 23:17 due to feed water line leakage.	
g) Ashuganj - Comilla 230 KV line-1 & 2 , Ashuganj - Ghorasal 230 KV line-2 and Ashuganj - Serajganj 230 KV line -2 tripped at 17:02 due to bus coupler breaker trip and was switched on at 17:11,08:37(20/09/10) , 08:54 (20/09/10) and 09:05(20/09/10) respectively.	
h) Ishurdi 132/33 KV T2 transformer shut down at 17:03 due to red hot maintenance at 33KV end and was switched on at 17:54.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle