

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

The Summary of Yesterday's (27-Sep-10)		Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3849.0	MW	Hour :	11:00	Min Gen. at 7:00	3240	MW
Evening Peak Generation :	4135.0	MW	Hour :	20:00	Max Generation :	4116	MW
E.P. Demand (at gen end) :	5300.0	MW	Hour :	20:00	Max Demand :	5300	MW
Maximum Generation :	4173.0	MW	Hour :	2:00	Shortage :	1184	MW
Total Gen. (MKWH) :	92.93	System L/ Factor :		85.41%	Load Shed :	1029	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	600	MW	at 4:00	Energy	11390000	KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-	KWHR.

Water Level of Kaptai Lake at 6:00 A M of 28-Sep-10							
Actual :	107.76	Ft.(MSL) ,		Rule curve :	105.21	Ft.(MSL)	

Gas Consumed : Total	722.29	MMCFt.	Oil Consumed (PDB) :				
				HSD :	1762058	Liter	
				FO :	0	Liter	

Cost of the Consumed Fuel (PDB) : Gas : Tk53,384,454 Oil : Tk70,482,326 Total : Tk123,866,780

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	457	(17:45-02:00 gen. shortage)	1961	380	19%
Chittagong Area	131	(17:45-01:48 gen. shortage)	572	148	26%
Khulna Area	109	(17:45-01:10 gen. shortage)	520	134	26%
Rajshahi Area	105	(17:45-01:30 gen. shortage)	430	112	26%
Comilla Area	84	(17:45-01:32 gen. shortage)	338	88	26%
Mymensing Area	54	(17:45-00:18 gen. shortage)	219	55	25%
Sylhet Area	11	(17:45-23:00 gen. shortage)	227	25	11%
Barisal Area	23	(17:45-01:10 gen. shortage)	100	25	25%
Rangpur Area	38	(17:45-01:30 gen. shortage)	239	62	26%
Total	1012	20:00	4606	1029	

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. b) Due to low gas pressure Raozan (360 MW) and Tongi GT (105 MW) were limited to 100 MW and 40 MW respectively. c) After maintenance Baghabari 100 MW was synchronized at 12:23. d) Raozan unit-2 was shut down at 14:46 due to gas limitation. e) Ghorasal RPP (45 MW) tripped at 22:01 due to aux, failed and was synchronized at 23:25. f) Due to tripping of busbar-1 (230 KV) at 05:11 (28/9/10) Ashuganj S/S ;Ashuganj unit 1,2,3,5, GT-1,GT-2,St, Ashuganj RPP ,Shahjibazar GT-8,9 (under floating) ,Fenchuganj Gt-2, Shahjibazar 86 MW all units tripped . At the same time Ashuganj-Ghorasal 230 KV line-1 & 2, Ashuganj-Seraiganj 230 KV line -1 & 2,Ashuganj-Comilla 230 KV line-1 & 2 also tripped . Ashuganj #3, GT-1,Gt-2, Ashuganj RPP, Shahjibazar 86 MW,Shahjibazar GT-8,GT-9 were synchronized at 07:58(28/9/10),12:38(28/9/10),07:31(28/9/10), 09:19 (28/9/10) ,06:29(28/9/10), 07:01 (28/9/10), 07:05(28/9/10) and lines were switched on at 07:37(28/9/10),07:40(28/9/10), 08:03(28/9/10), 08:04(28/9/10), 07:32(28/9/10),07:36(28/9/10) respectively.	So about 1012 MW (20:00) of load shed was imposed over the whole areas of the national grid . About 690 MW generation loss occurred due to this tripping. Due to generation shortage, about 40 MW (09:00) of load shed has been running since morning (28/9/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle