POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTER DAILY REPORT

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Reporting Date : 18-Sep-10 4698.5 MW at Till now the maximum generation is:-20-Aug-10 17-Sep-10) Generation & Demand The Summary of Yesterday's (Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation 3461.0 Hour 12:00 Min Gen. at 3146 4530.5 MW 4490 Evening Peak Generation : 20:00 Max Generation MW Hour E.P. Demand (at gen end) : 4700.0 MW 4850 MW Hour 20:00 Max Demand Maximum Generation 4530.5 MW Hour 20:00 Shortage 360 MW Total Gen. (MKWH) 88.17 System L/ Factor 85.41% Load Shed 319 MW

EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum MW 13081000 KWHR at Energy MW KWHR. Import from West grid to East grid :- Maximum at Energy

Water Level of Kaptai Lake at 6:00 A M of 18-Sep-10

Actual 107.00 Ft.(MSL) Rule curve 102.91 Ft.(MSL)

Gas Consumed : MMCFt. Oil Consumed (PDB):

HSD : 1484361 Liter

FO 0 Liter

Cost of the Consumed Fuel (PDB): Gas Tk55,708,923 : Tk59,374,428 Total: Tk115,083,351

Load Shedding & Other Information

Area	Yesterday		Today				
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	e Rates of Shedding		
	MW		from toMW	MW	(On Estimated Demand)		
Dhaka	57	(18:15-22:05 gen. shortage)	1858	101	5%		
Chittagong Area	18	(18:15-22:07 gen. shortage)	525	52	10%		
Khulna Area	15	(18:15-22:35 gen. shortage)	478	48	10%		
Rajshahi Area	18	(18:15-22:30 gen. shortage)	393	39	10%		
Comilla Area	10	(18:15-22:02 gen. shortage)	309	30	10%		
Mymensing Area	11	(18:15-22:02 gen. shortage)	204	19	9%		
Sylhet Area	-	0	222	-	-		
Barisal Area	9	(18:15-22:35 gen. shortage)	93	9	10%		
Rangpur Area	12	(18:15-22:30 gen. shortage)	218	21	10%		
Total	150	20:00	4300	319			

Information of the Generating machines under shut down.

Planned Shut- Down		Forced Shut- Down		
	1) Kaptai- 3 (19/04/08)	8) Ashuganj-4(12/09/10)		
	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)			

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

a) There was generation shortage in the evening peak hour vesterday	So	about 150 MV	(20:00)	of load sl	hed was impose

- b) Due to low gas pressure Raozan (360 MW) and Tongi GT (105 MW) were limited to 340 MW, 0 MW respectively.
- c) Sikalbaha GT (150 MW) was synchronized at 13:30.

Description

- d) Baghabari WMPL #1 & #2 tripped at 11:46 showing E/F .Unit #1 was synchronized at 14:57 and #2 was synchronized at 15:31.
- e) After maintenance Barapukuria #2 was synchronized at 15:20.
- f) After maintenance Ashuganj CCPP st was synchronized at 17:02.
- g) Shahjibazar GT-8 tripped at 17:55 due to generator protection trip and was synchronized at 19:30.
- h) Kaptai #5 was forced shut down at 20:45 due to thrust bearing oil cooler leakage .
- i) Fenchuganj (90 MW) GT-1 & st tripped at 22:55 due to tripping of cooling water pump and GT-1 was synchronized at 00:55(18/9/10).
- j)Ishurdi Ghorasal 230 KV line-2 tripped at 11:48 showing LZ 96, DST,PD3,PEAW at Ishurdi end ;dst, PTA5, PD3, PTAW relays at Ghorasal end and was switched on at 12:45.
- k) Hasnabad Kamrangirchar 132 KV line tripped at 17:57 showing A/R fail, main protection trip, dst relays and was switched on at 19:06.
- I) Narsingdi 132/33 KV X-former was shut down at 11:27 due to CT problem and was switched on at 14:22.

sed over the whole (except Sylhet) areas of the national grid

Forced load shaded / Interrupted Areas

Power interruption occurred (about 19 MW) under Narsingdi S/S areas from 11:27 to 14:22.

Deputy / Asstt. Manager Network Operation Division

Manager Network Operation Division Deputy General Manager Load Despatch Circle