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

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Reporting Date : 4-Jan-11 4698.5 MW at Till now the maximum generation is:-20-Aug-10) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand The Summary of Yesterday's (3-Jan-11 Day Peak Generation 3315.0 MW Hour 12:00 Min Gen. at 2250 3540.0 MW 3473 MW Evening Peak Generation : 20:00 Max Generation Hour E.P. Demand (at gen end) : 3850.0 MW 3900 MW Hour 20:00 Max Demand Maximum Generation 3559.0 MW Hour 22:00 Shortage 428 MW Total Gen. (MKWH) 73.85 System L/ Factor 85.41% Load Shed 387 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum MW 10487000 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 4-Jan-11

Actual 96.36 Ft.(MSL) Rule curve 102.43 Ft.(MSL)

Gas Consumed : MMCFt. Oil Consumed (PDB):

HSD 1382805 Liter

FO 983673 Liter

Cost of the Consumed Fuel (PDB): Gas Tk74,985,658 Total: Tk118,924,414

Load Shedding & Other Information

Area	Yesterday		Today			
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding	
	MW		from toMW	MW	(On Estimated Demand)	
Dhaka	100	(17:10-22:00 gen. shortage)	1522	132	9%	
Chittagong Area	30	(17:10-21:55 gen. shortage)	427	57	13%	
Khulna Area	30	(17:10-21:50 gen. shortage)	391	52	13%	
Rajshahi Area	30	(17:10-21:50 gen. shortage)	321	43	13%	
Comilla Area	32	(17:10-21:55 gen. shortage)	254	34	13%	
Mymensing Area	16	(17:10-21:50 gen. shortage)	163	22	13%	
Sylhet Area	16	(17:10-21:50 gen. shortage)	194	13	7%	
Barisal Area	9	(17:10-21:50 gen. shortage)	76	10	13%	
Rangpur Area	17	(17:10-21:50 gen. shortage)	180	24	13%	
		-				
Total	280	20:00	3528	387		

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down	
1) Haripur SBU GT-3 (18/06/09)	9) Kaptai #3 (1/12/10)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	10) Barapukuria-2(20/12/10)	2) Ashuganj-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)		3) Sikalbaha 60MW(19/11/10)
4) Ashuganj-4(12/09/10)		4) Haripur SBU GT-1(26/12/10)
5) Raozan-1 (03/10/10)		5) Ashuganj-2(31/12/10)
6) Sikalbaha GT (24/10/10)		6) Khulna-110 MW(31/12/10)
7) Raozan-2 (21/10/10)		
8) Kaptai #5 (02/11/10)		

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

Description	Forced		Inter	

- a) There was generation shortage in the evening peak hour yesterday. b) Due to low gas pressure RPCL (210 MW) was limited to 77 MW.
- c) After maintenance Barapukuria #1 was synchronized at 16:35 and again tripped at 02:12 (04/01/11) due to generator fault and was synchronized at 05:03(04/01/11)
- d) After maintenance Shahjibazar #9 was synchronized at 16:03.
- e) Siddirganj-210 MW tripped at 06:08(04/01/11) due to auxilary supply failure.
- f) Madanhat-Sikalbaha 132kV line-1 was under shut down from 08:39 to 17:07 due to annual maint.
- g) Bogra-Barapukuria 230kV line-2 was under shut down from 10:40 to 15:15 due to annual maint.
- h) Shahjibazar-Srimongal 132kV line-1 was under shut down from 09:38 to 14:40 due to annual maint.
- i) Goalpara-Bagherhat 132kV line was under shut down from 08:57 to 15:50 due to annual maint.
- j) Haripur-Comilla 132kV line-1 was under shut down from 09:28 to 16:37 due to annual maint. k) Ishurdi-Natore 132 kV line-1 was under shut down from 08:59 to 15:50 due to annual maint.
- I) Joydevpur 132/33 kV T1 transformer was under shut down from 09:16 to 16:32 due to annual maint.
- m) Mirpur 132/33 kV T1 transformer was shut down at 09:20 due to breaker oil leakage.

pted Areas

So about 280 MW (20:00) load shed was imposed over the whole areas of the national grid.

Due to generation shortage, about 85 MW (09:00) of load shed has been running since morning (04/01/11) over the whole area

Deputy / Asstt. Manager Network Operation Division Manager Network Operation Division Deputy General Manager Load Despatch Circle