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

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Reporting Date : 5-Mar-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 (4-Mar-11 Day Peak Generation 3547.0 MW Hour 10:00 Min Gen. at 3466 4036.2 MW 3973 MW **Evening Peak Generation** 18:30 Max Generation Hour E.P. Demand (at gen end) : 4850.0 MW MW Hour 18:30 Max Demand 4900 Maximum Generation 4091.5 MW 23:00 Shortage 927 MW Hour Total Gen. (MKWH) 88.47 System L/ Factor 85.41% Load Shed 825 MW EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR Export from East grid to West grid :- Maximum MW at Energy 8811500 KWHR MW KWHR Import from West grid to East grid :- Maximum at Energy

> Water Level of Kaptai Lake at 6:00 A M of 5-Mar-11

Actual 84.99 Ft.(MSL) Rule curve 92.36 Ft.(MSL)

> MMCFt. Oil Consumed (PDB):

HSD 890596 Liter FO 494968 Liter

Cost of the Consumed Fuel: Gas Tk50,136,109 : Tk45,523,182 Total: Tk95,659,291

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	213	(18:005 - 23:43 gen. shortage)	1870	307	16%
Chittagong Area	121	(18:005 - 23:43 gen. shortage)	536	117	22%
Khulna Area	117	(18:005 - 22:55 gen. shortage)	490	108	22%
Rajshahi Area	59	(18:005 - 23:41 gen. shortage)	402	88	22%
Comilla Area	66	(18:005 - 23:40 gen. shortage)	316	69	22%
Mymensing Area	47	(18:005 - 22:52 gen. shortage)	207	45	22%
Sylhet Area	15	(18:005 - 20:00 gen. shortage)	220	20	9%
Barisal Area	20	(18:005 - 22:55 gen. shortage)	95	21	22%
Rangpur Area	66	(18:005 - 22:46 gen. shortage)	225	50	22%
Total	724	18:30	4361	825	

Information of the Generating machines under shut down.

Planned Shut- Down			Forced Shut- Down
1) Haripur SBU GT	-3 (18/06/09)	9) Meghnaghat Power Ltd GT-2(15/02/11)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/0-	4/10)		2) Ashuganj-1(09/11/10)
3) Siddirganj GT-1	(18/06/10)		3) RPCL #1(01/03/11)
4) Ashuganj-4(12/0	9/10)		
5) Raozan-1 (03/10	/10)		
6) Raozan-2 (21/10	/10)		
7) Kaptai #5 (02/11	/10)		
8) Kaptai #3 (1/12/1	0)		

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 724 MW (18:30) of load shed was imposed over the whole
b) Due to low gas pressure Baghabari 100 MW and RPCL (210 MW) were limited to	areas of the national grid.

- 50 MW and 125 MW respectively.
- c) Ashuganj-Shahjibazar 132kV line-3 was under shut down from 09:08 to 14:09 due to corrective maintenance
- d) Ashuganj-Kishoreganj 132kV line-2 was under shut down from 12:27 to 15:42 due to corrective maintenance.
- e) Khulna 110 MW tripped at 16:10 due to voltage fluctuation and was synchronized at 17:18. It again tripped at 17:44 due to excitation loss.
- f) Hasnabad-Shyampur 132kV line CVT blue phase burnt from Hasnabad end at 18:34. Due to this occurrence Meghnaghat-Hasnabad 230kV line-2, Hasnabad-Kamrangirchar 132kV line, Hasnabad-Kalyanpur 132kV line, Hasnabad-Sitalakhya 132kV line, Hasnabad-Shyampur 132kV line and Hasnabad 230/132 kV TR-1,TR-2 & TR-3 X-formers tripped showing E/F, 132/33 kV T2, T5 & T6 also tripped, Kalyanpur 132/33 kV T1, T2 & T3 X-formers tripped due to Main, Buchholz, PRD tripped, OLTC surge, O/C relay.

These lines and X-formers were switched on at 19:10, 21:16, 21:17, 21:13, (Hasnabad-Shyampur line was not switched on), 20:32, 19:35, 21:35, 20:15, 20:20, 20:20, 20:55, 21:32, 18:58 respectively. Due to this occurrence Ghorasal RPP(45 MW) tripped at 18:43 QRPP(100 MW) tripped at 18:33, Haripur SBU GT-1, GT-2 tripped at 18:45, 18:48, DPA Pagla tripped at 18:35, Tongi GT tripped at 18:38. These machines were synchronized at 18:58, 18:49, 23:13, 22:51, 19:05, 18:58 respectively.

g) Ghorasal-Joydevpur 132kV line-2 tripped at 18:36 from Ghorasal end showing remote protection trip and was synchronized at 18:50.

Power interruption occurred (about 204 MW) under Hasnabad, Kalyanpur

& Sitalakhya S/S areas from 18:34 to 21:32...

Due to generation shortage, about 63 MW (09:00) of load shed has been running since morning (05/03/11) over the whole area (except Sylhet, Dhaka, Barisal, Khulna) of the national grid.

Deputy / Asstt. Manager Network Operation Division

Gas Consumed :

Manager Network Operation Division Deputy General Manager

Load Despatch Circle