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

DAILY REPORT

Reporting Date : 16-Apr-11

Till now the maximum generation is: -		4698.5 MW at	21:00	Hrs on 20	-Aug-10		
The Summary of Yesterday's (15-Apr-11) Generation & Demand		Today's Actual Min	Gen. & Pr	obable Gen.	& Demand
Day Peak Generation :	3649.0	MW Hour :	12:00	Min Gen. at	7:00	4103	MW
Evening Peak Generation :	4559.0	MW Hour:	21:00	Max Generation	:	4543	MW
E.P. Demand (at gen end):	5000.0	MW Hour:	21:00	Max Demand	:	5200	MW
Maximum Generation :	4579.0	MW Hour :	22:00	Shortage	:	657	MW
Total Gen. (MKWH) :	88.28	System L/ Factor :	85.41%	Load Shed	:	585	MW

EXPORT/IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid: Maximum 590 MW at 24:00 Energy 9838500 KWHR. Import from West grid to East grid: Maximum - MW at - Energy - KWHR.

Water Level of Kaptai Lake at 6:00 A M of 16-Apr-11

Actual: 77.91 Ft.(MSL), Rule curve: 85.00 Ft.(MSL)

Gas Consumed: Total 742.79 MMCFt. Oil Consumed (PDB):

HSD : 939746 Liter FO : 590025 Liter

Cost of the Consumed Fuel : Gas : Tk54,899,609 Oil : Tk49,390,330 Total : Tk104,289,939

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	67	(18:10-02:25 , Gen.shortage)	1967	180	9%
Chittagong Area	51	(18:10-02:25 , Gen.shortage)	575	94	16%
Khulna Area	66	(18:10-00:10 , Gen.shortage)	524	86	16%
Rajshahi Area	50	(18:10-00:05 , Gen.shortage)	430	70	16%
Comilla Area	46	(18:10-00:05 , Gen.shortage)	338	54	16%
Mymensing Area	53	(18:10-23:00 , Gen.shortage)	222	33	15%
Sylhet Area	19	(18:10-00:05 , Gen.shortage)	240	15	6%
Barisal Area	13	(18:10-00:10 , Gen.shortage)	100	15	15%
Rangpur Area	28	(18:10-23:40 , Gen.shortage)	238	38	16%
Total	393	21:00	4634	585	

Information of the Generating machines under shut down.

Plann	ed Shut- Down		Forced Shut- Down	
	1) Haripur SBU GT-3 (18/06/09)	8) Bheramara GT1(1/3/11)	1) Ghorasal 6(18/07/10)	
	2) Ghorasal 2(26/04/10)		2) Ashuganj-1(09/11/10)	
	3) Siddirganj GT-1 (18/06/10)		3) Raozan-2 (26/03/11)	
	4) Ashuganj-4(12/09/10)		4) B.Pukuria #1(11/4/11)	
	5) Raozan-1 (03/10/10)			
	6) Kaptai #5 (02/11/10)			
	7) Kaptai #3 (1/12/10)			

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 393 MW (21:00) of load shed was imposed over the

- b) Kaptai #1 was under shut down from 08:25 to 18:35 due to S/D of Kaptai-Madanhat 132kV line.
- c) Kaptai-Madanhat 132kV line was under shut down from 08:34 to 10:22 due to changing L/A at Madanhat end.
- d) Ashuganj #5 tripped at 10:30 due to power failure in DCS and was synchronized at 15:26.
- e) Ashuganj 132kV bus-2 was under shut down from 10:34 to 15:26 due to maintenance work. At the same time Ashuganj-Kishoreganj Ckt-2 also shut down for safety and was switched on at 15:13.
- f) Saidpur-Rangpur 132kV Ckt-2 was under shut down from 10:50 to 11:45 due red hot maintenance at 132 kV breaker.
- g) Maniknagar 132kV bus-2 was under shut down from 11:10 to 14:10 due to project work.
- h) After maintenance Siddhirganj PP GT-2 was synchronized at 16:10.
- i) Haripur-Comilla(N) 132kV Ckt-2 was under shut down from 14:58 to 17:50 due to installing CT at newly installed S/S of 100MW HFO power plant, Megnaghat.
- j) Hasnabad 132/33 kV T2 & T6 tripped at 16:14 showing OC, VAJ, TCX4 and were switched on 16:25 & 16:20 respectively.
- k) Mymensing 33kV bus was under shut down from 20:28 to 21:08 due to bus coupler loop red hot maintenance.
- I) Hasnabad-Sitalakhya 132kV line was under shut down from 21:24 to 22:44 due to red hot maintenance at Y phase line isolator.
- m) Haripur-Maniknagar 132kV Ckt-1 & 2 tripped at 06:48 (16/4/11) from Haripur end showing dist Z2, O/C & E/F relays at Ckt-1 & main protection trip, TH4 Z2 relays at Ckt-2 and were switched on at 06:59 (16/4/11) & 07:05 (16/4/11).
- n) Mymensing T3 132/33 kV transformer was under shut down from 07:02 to 09:16 (16/4/11) due to oil leakage maintenance.
- o) Haripur NEPC tripped at 06:48 (16/4/11) showing O/C & E/F relays and was synchronized at 07:17 (16/4/11)
- p) After maintenance Kabirpur-Joydevpur 132kV Ckt-2 was switched on at 07:24 (16/4/11).
- q) Chattak T2 132/33 kV transformer tripped at 03:58 (16/4/11) showing O/C relay and was switched on at 04:03 (16/4/11).

So about 393 MW (21:00) of load shed was imposed over the whole areas of the national grid.

Power interruption occurred (about 50 MW) under Hasnabad S/S areas from 16:14 to 16:20.

Power interruption occurred (about 51 MW) under Mymensing S/S areas from 20:28 to 21:08.

Deputy General Manager

Deputy / Asstt. Manager Manager