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

QF-LDC-08 Page -1

Reporting Date: 19-May-11 4724.1 MW at Till now the maximum generation is : The Summary of Yesterday's (18-May-11) Generation & Demand Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation 3970.0 MW Hour 10:00 Min. Gen. at 2057 MW MW **Evening Peak Generation** 4390.0 4359 Hour 21:00 Max Generation 5500.0 MW MW E.P. Demand (at gen end) : Hour 21:00 Max Demand 5300 Maximum Generation 4448.5 MW 941 MW Hour 4:00 Shortage Total Gen. (MKWH) 98.07 System L/ Factor 85.41% Load Shed 852 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum MW at Energy 9.057 MKWHR MW MKWHR. Import from West grid to East grid :- Maximum at Energy

> Water Level of Kaptai Lake at 6:00 A M on 19-May-11

Actual 74.85 Ft.(MSL) Rule curve 78.58 Ft.(MSL)

Gas Consumed: Total 685.08 MMCFD Oil Consumed (PDB):

HSD 55229 Liter

FO 413699 Liter

Cost of the Consumed Fuel (PDB) : Tk54,706,371 Oil (PDB) : Tk13,186,217 Total: Tk67,892,588

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	452	(18:30-01.29)	2060	323	16%					
Chittagong Area	152	(18:30-01.58)	590	122	21%					
Khulna Area	132	(18:30-01.30)	508	105	21%					
Rajshahi Area	113	(18:30-02.00)	442	92	21%					
Comilla Area	86	(18:30-01.59)	348	72	21%					
Mymensing Area	-	0	268	55	21%					
Sylhet Area	-	0	230	10	4%					
Barisal Area	-	0	105	22	21%					
Rangpur Area	70	(18:30-01:09)	246	51	21%					
Total	1005	21:00	4797	852						

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	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) Khulna-100 & 60 MW (18/4/11)
5) Kaptai #3 (1/12/10)	5) WMPL #1(10/5/11)
	6) Raozan-1 (14/5/11)
	7) Siddhirganj 210 MW (15/5/11)

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

Description										cea To				errupte	
\ -											4005	B 41 A / //	04 00		

- a) There was generation shortage in the evening peak hour yesterday
- b) Due to low gas pressure HPL 360 MW and RPCL 210 MW were limited to 302 and 113 MW respectively.
- c) Siddirganj GT2 was forced shut down at 10:38 due to gas booster problem and was synchronized at 16:29.
- d) Thakurgaon RPP tripped at 12:10 showing O/C relay and was synchronized at 12:11 and again tripped 12:45 due to the same reason and was synchronized at 10:05(19/5/11).
- e) Khulna-110 MW was forced shut down at 00:46(19/5/11) due to leakage of CW pump. f) Maniknagar-Narinda 132 kV U/C ckt-2 was shut down at 08:44 due to relay maintenance
- and was switched on at 10:20. g) Megnaghat-Comilla(N) 230 kV ckt-2 was shut down at 11:00 due to S/S work
- at Megnaghat end and was switched on at 12:29. h) Mirpur-Uttara 132 kV ckt was shut down at 08:45 due to tower deflection checking and was switched on at 16:46.
- i) Mirpur-Tongi 132 kV ckt was shut down at 08:50 due to tower deflection checking and was switched on at 17:11.
- j) Ishurdi 132/33 kV T1 transformer was shut down at 08:35 due to red hot maintenance and was switched on at 12:07
- k) Bhandaria-Barisal 132 kV ckt tripped at 12:16 showing distance & E/F relays and was switched on at 12:20.
- I) Ashuganj-Ghorasal 132 kV ckt-2 tripped at 21:33 showing distance relay from both end. m) Ishurdi-Ghorasal 230 kV ckt-1 tripped at 03:20(19/5/11) from both side showing PTAW, PD3,DRST and was switched on at 04:18(19/5/11)
- n) Ghorasal-Bulta 132 kV ckt tripped at 04:28(19/5/11) showing protection relay and was switched on at 07:38(19/05/11).
- o) Haripur-Narsingdi 132 kV ckt tripped at 04:50(19/5/11) showing distance zone-2 and was switched on at 05:12(19/5/11).
- p) Ghorasal- Norsingdi 132 kV ckt tripped at 04:28(19/5/11) showing distance protection relay and was switched on at 07:45(19/5/11).
- q) Faridpur-Madaripur 132 kV ckt-1 & 2 tripped at 03:28 & 04:38(19/5/11) showing E/F & O/C relays and were switched on at 05:08 & 08:22(19/5/11) respectively.
- r) Bagerhat- Bhandaria 132 kV ckt tripped at 04:38(19/5/11) showing distance ABC and was switched on at 05:40(19/5/11).
- s) Bagerhat-Mongla 132 kV ckt tripped at 04:38(19/5/11) due to over voltage and was

So about 1005 MW (21:00) of load shed was imposed over the whole(except-Mymensing,Sylhet & Barisal) areas of the national grid.

Power interruption occurred (about 12 MW) under Norsingdi S/S area from 04:50 to 05:12.

Power interruption occurred (about 98 MW) under Madaripu, Bhandaria, Gopalgani S/S areas from 04:38 to 05:08.

Power interruption occurred (about 14 MW) under Mongla S/S area

switched on at 07:06(19/05/11).
t) Jhenidah-Bottail 132 kV ckt-1 & 2 tripped at 05:15(19/5/11) showing distance ABC and were switched on at 05:48 & 05:54(19/5/11) respectively.

Deputy / Asstt. Manager Network Operation Division

Manager Network Operation Division Deputy General Manager Load Despatch Circle

from 04:38 to 07:06.