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

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Reporting Date : 1-Dec-10 4698.5 MW at Till now the maximum generation is: 20-Aug-10 30-Nov-10 ) Generation & Demand The Summary of Yesterday's ( Today's Actual Min Gen. & Probable Gen. & Demand Day Peak Generation 2994.0 MW Hour 11:00 Min Gen. at 2360 3327.5 MW Max Generation 3292 MW Evening Peak Generation : Hour 21:00 E.P. Demand (at gen end) : 4300.0 MW Max Demand 4350 MW Hour : 21:00 Maximum Generation 3327.5 MW Hour 21:00 Shortage 1058 MW Total Gen. (MKWH) 71.38 System L/ Factor 85.41% Load Shed 960 MW EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum MW at Energy 7391000 KWHR. Import from West grid to East grid :- Maximum MW KWHR. at Energy

Water Level of Kaptai Lake at 6:00 A M of 1-Dec-10

Actual 101.43 Ft.(MSL) Rule curve 106.00 Ft.( MSL )

Gas Consumed: MMCFt. Oil Consumed (PDB):

HSD : 1862903 Liter FO

0 Liter

Cost of the Consumed Fuel (PDB): Gas Tk40,938,749 : Tk74,516,112 Total: Tk115,454,861

## **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	442	(17:00-22:50 gen. shortage)	1705	380	22%
Chittagong Area	105	(17:00-22:25 gen. shortage)	483	132	27%
Khulna Area	60	(17:00-22:05 gen. shortage)	443	121	27%
Rajshahi Area	75	(17:00-22:10 gen. shortage)	364	100	27%
Comilla Area	60	(17:00-22:20 gen. shortage)	288	79	27%
Mymensing Area	52	(17:00-21:50 gen. shortage)	183	50	27%
Sylhet Area	34	(17:00-21:50 gen. shortage)	193	20	10%
Barisal Area	12	(17:00-22:05 gen. shortage)	85	23	27%
Rangpur Area	42	(17:00-22:00 gen. shortage)	203	55	27%
Total	882	21:00	3947	960	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down	
1) Haripur SBU GT-3 (18/06/09)	8) Megnaghat P. Itd GT-1(7/11/10)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	9) Barapukuria-1(09/11/10)	2) Barapukuria-2(29/11/10)
3) Siddirganj GT-1 (18/06/10)	10) Khulna 110MW (22/11/10)	3) Ashuganj-1(09/11/10)
4) Ashuganj-4(12/09/10)		4) Sikalbaha 60MW(19/11/10)
5) Raozan-1 (03/10/10)		5) Siddirganj-210MW(23/11/10)
6) Sikalbaha GT (24/10/10)		
7) Raozan-2 (21/10/10)		

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

- a) There was generation shortage in the evening peak hour yesterday.
- b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 107 MW and 70 MW respectively.
- c) After maintenance Khulna-60MW was synchronized at 13:52.
- d) Ashuganj CCPP ST tripped at 16:53 due to tripping of CW pump & GT-1 was forced shut
- down at 17:09 due to non closing of damper and was synchronized at 20:18(GT-1).
- e) Ghorasal RPP was shut down at 14:58 due to tripping of Ghorasal 132/33 KV T1 transformer and was synchronized at 15:48.
- f) Shahjibazar RPP tripped at 16:30 showing bus bar signal alarm and was synchronized at 16:35.
- g) Baghabari WMPP #1 triipped at 00:39(01/12/10) due to inlet manifold diff. pressure and was synchronized at 06:03(01/12/10).
- h)Kaptai #3 tripped at 03:20(01/12/10) due to roto E/F.
- i) Comilla(N) Hathazari 230 KV line-2 tripped at 10:31 showing E/F & dist. Protection relays and was sitched on at 10:44
- j) Chandpur Chowmohani 132 KV line-1& 2 tripped at 10:41 showing dist & E/F relays and was switched on at 11:03.
- k) Barisal Madaripur 132 KV line-1 & 2 tripped at 11:45 showing E/F relays and was switched on at 11:50.
- I) Ghorasal Joydebpur 132 KV line-2 was shut down at 09:52 due to annual maintenance and was switched on at 14:47.
- m) Kishorganj 132/33 KV T3 transformer was shut down at 08:42 due to annual maintenance and was switched on at 14:05.

Due to generation shortage, about 50 MW (09:00) of load shed has been running since morning (01/12/10)

over the whole area.

whole areas of the national grid.

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