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

QF-LDC-08

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				Reporti	ing Date :	7-Apr-11	i age i
Till now the maximum generation is	s : -	4698.5 MW at	21:00	Hrs on 2	0-Aug-10		
The Summary of Yesterday's (	6-Apr-11	) Generation & Demand		Today's Actual Mi	in Gen. & Pr	obable Gen. & Demand	
Day Peak Generation :	4026.0	MW Hour :	10:00	Min Gen. at	4:00	3842 MW	
Evening Peak Generation :	4339.8	MW Hour :	21:00	Max Generation	:	4353 MW	
E.P. Demand (at gen end) :	5000.0	MW Hour :	21:00	Max Demand	:	5050 MW	
Maximum Generation :	4352.0	MW Hour :	23:00	Shortage	:	697 MW	
Total Gen. (MKWH) :	94.45	System L/ Factor :	85.41%	Load Shed	:	629 MW	
	EXPOR	T/IMPORT THROUGH EAST-W	EST INTERCONNECTOR	•			
Export from East grid to West grid :-	Maximum	540	MW at	24:00	Energy	10100000 KWHR.	
Import from West grid to East grid :- I	Maximum	-	MW at	-	Energy	- KWHR.	
	Water Level of Kaptai Lak	e at 6:00 A M of	7-Apr-11				
Actual : 79.68	Ft.(MSL),		Rule curve : 86.80	Ft.(MSL)			
Gas Consumed : Total	732.87	MMCFt.	Oil Consume	ed (PDB):			
				H	ISD :	936837 Liter	
				F	: 0	198645 Liter	
Cost of the Consumed Fuel : Gas	:	Tk54,166,422	Oil :	Tk41,446,398	Total : T	<sup>-</sup> k95,612,820	
	Load Shedding & Other	Information_					

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from to/IW	MW	(On Estimated Demand)
Dhaka	200	(18:10-00:33. Gen.shortage)	1961	227	12%
Chittagong Area	87	(18:10-23:55. Gen.shortage)	559	92	16%
Khulna Area	74	(18:10-23:38. Gen.shortage)	508	83	16%
Rajshahi Area	77	(18:10-23:30. Gen.shortage)	417	68	16%
Comilla Area	49	(18:10-23:44. Gen.shortage)	329	54	16%
Mymensing Area	35	(18:10-23:30. Gen.shortage)	219	36	16%
Sylhet Area	34	(18:10-22:44. Gen.shortage)	234	15	6%
Barisal Area	-	0	99	16	16%
Rangpur Area	40	(18:10-22:44. Gen.shortage)	232	38	16%
Total	596	21:00	4558	629	

Information of the Generating machines under shut down.

Planned Shut- Down		Forced Shut- Down	
1) Haripur SBU GT-3 (18/06/09)	8) Ghorasal-4(1/4/11)	1) Ghorasal 6(18/07/10)	
2) Ghorasal 2(26/04/10)	9) BheramaraGT1(1/3/11)	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)			
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 596 MW (21:00) of load shed was imposed over the
b) Due to low gas pressure RPCL(210 MW) was limited to 129 MW.	whole areas of the national grid.
c) After maint.Shahjibazar #5 was sync.at 13:10.	
d) Thakurgaon RPP tripped at 12:30 due to short ckt current and was sync.at 12:40.	
e) Baghabari WMPL #1 & 2 tripped at 16:53 & 17:51 due to voltage fluctuation & auxiliary failure	
respectively and #2 was sync.at 20:51 and again tripped at 21:16 due to turbine vibration high. #2 was sync.at 23:01.	
f) Haripur HPL ST was shut down at 02:02(07/04/11) due to turbine vibration monitoring purpose and was sync.at 08:24(07/04/11).	
g) Khulsi-A.Khayer 132 kV line-was shut down at 09:18 due to annual maintenance and was switched on at 16:44.	
h) Jessore-Noapara 132 kV Ckt-1 tripped at 12:59 from both end showing distance relay and was switched on.at 13:05.	
<ul> <li>i) Kallayanpur 132/33 kV T1 transformer was shut down at 10:46 due to DC system testing &amp; control cable and relay maint.and was switched on at 18:01.</li> <li>j) Mymensing 132/33 kV T1 transformer tripped at 07:46(7/4/11) showing E/F and was switched on at 07:58(7/4/11)</li> </ul>	Power interruption occurred (about 10 MW) under Kallayanpur S/S areas from 10:46 to 18:01.
	Due to generation shortage, about 180 MW (09:00) of load shed has been running since morning (07/04/11) over the whole area (except Sylhet) of the national grid.