

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

QF-LDC-08
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Till now the maximum generation is :-				4698.5 MW at		21:00		Hrs		Reporting Date : 20-Jan-11	
										on 20-Aug-10	
The Summary of Yesterday's (19-Jan-11) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation	:	3254.0	MW	Hour	:	10:00	Min Gen.	at	4:00	2551	MW
Evening Peak Generation	:	3786.5	MW	Hour	:	21:00	Max Generation	:		3901	MW
E.P. Demand (at gen end)	:	4050.0	MW	Hour	:	21:00	Max Demand	:		4050	MW
Maximum Generation	:	3786.5	MW	Hour	:	21:00	Shortage	:		149	MW
Total Gen. (MKWH)	:	76.12	System L/ Factor	:		85.41%	Load Shed	:		133	MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR											
Export from East grid to West grid :- Maximum				580		MW	at	8:00	Energy	8082000 KWHR.	
Import from West grid to East grid :- Maximum				-		MW	at	-	Energy	- KWHR.	
Water Level of Kaptai Lake at 6:00 A M of						20-Jan-11					
Actual :		93.18	Ft.(MSL) ,			Rule curve :		99.39	Ft.(MSL)		
Gas Consumed :	Total	585.14	MMCFt.			Oil Consumed (PDB) :					
								HSD	:	1053556	Liter
								FO	:	1416952	Liter
Cost of the Consumed Fuel :		Gas	:	Tk43,247,697		Oil	:	Tk70,481,299	Total	Tk113,728,996	

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from to MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	111	#REF!	1560	19	1%
Chittagong Area	36	(17:10-22:35 gen. shortage)	439	27	6%
Khulna Area	24	(17:10-22:10 gen. shortage)	401	25	6%
Rajshahi Area	21	(17:10-22:28 gen. shortage)	329	20	6%
Comilla Area	17	(17:10-22:30 gen. shortage)	260	16	6%
Mymensing Area	13	(17:10-22:06 gen. shortage)	169	10	6%
Sylhet Area	-	0	198	-	-
Barisal Area	4	(17:10-22:10 gen. shortage)	78	5	6%
Rangpur Area	9	(17:10-22:28 gen. shortage)	184	11	6%
Total	235	21:00	3618	133	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	9) Kaptai #3 (1/12/10)
2) Ghorasal 2(26/04/10)	10) Barapukuria-2(20/12/10)
3) Siddirganj GT-1 (18/06/10)	11) Ghorasal #3(18/01/11)
4) Ashuganj-4(12/09/10)	3) Sikalbaha 60MW(19/11/10)
5) Raozan-1 (03/10/10)	
6) Sikalbaha GT (24/10/10)	
7) Raozan-2 (21/10/10)	
8) Kaptai #5 (02/11/10)	

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

Description	Forced load shaded / Interrupted Areas
<p>a) There was generation shortage in the evening peak hour yesterday.</p> <p>b) Due to low gas pressure RPCL (210 MW) was limited to 107MW</p> <p>c) After restoration of gas Baghabari-71 MW was synchronized at 08:30 and shut down at 15:35.</p> <p>d) After maintenance Baghabari-100 MW was synchronized at 15:27</p> <p>e) After maintenance Ashuganj #5 was synchronized at 10:30 and tripped at 11:33 due to fuel control valve problem and again synchronized at 15:51 and again tripped at 17:51 due to turbine generator inter phase and was synchronized at 23:03.</p> <p>f) After maintenance Siddirganj-210 MW was synchronized at 19:36.</p> <p>g) Hasnabad-Kallyanpur 132kV line was shut down from 08:50 to 17:57 due to annual maint.</p> <p>h) Hasnabad-Kamrangirchar 132kV line was shut down from 09:07 to 13:37 due to annual maint.</p> <p>i) Mymensing-Netrokona 132 kV line-2 was under shut down from 09:05 to 15:35 due to annual maint.</p> <p>j) Hasnabad 230/132 kV T1 transformer tripped at 09:19 showing differential relays</p>	<p>So about 235 MW (21:00) of load shed was imposed over the whole areas of the national grid .</p> <p>About 75 MW (09:00) of load shed has been running since morning (20/01/11) over the whole area (except Sylhet) of the national grid.</p>

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle