

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 :-				4890.0 MW at		1:00		Hrs		Reporting Date : 14-Jul-11			
The Summary of Yesterday's (13-Jul-11) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :		4227.0		MW		Hour :		10:00		Min. Gen. at 7:00 4270 MW			
Evening Peak Generation :		4566.0		MW		Hour :		21:00		Max Generation : 4552 MW			
E.P. Demand (at gen end) :		5400.0		MW		Hour :		21:00		Max Demand : 5400 MW			
Maximum Generation :		4700.0		MW		Hour :		3:00		Shortage : 848 MW			
Total Gen. (MKWH) :		104.05		System L/ Factor :		85.41%		Load Shed :		769 MW			
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR													
Export from East grid to West grid :- Maximum				430		MW		at 7:00		Energy 6.597 MKWHR.			
Import from West grid to East grid :- Maximum				-		MW		at -		Energy - MKWHR.			
Water Level of Kaptai Lake at 6:00 A M on						14-Jul-11							
Actual :		87.74		Ft.(MSL) ,		Rule curve :		86.08		Ft.(MSL)			
Gas Consumed :		Total		739.41		MMCFD.		Oil Consumed (PDB) :					
										HSD :		Liter	
										FO :		Liter	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :		Tk59,044,839									
		Coal :		Tk8,263,238		Oil :		Tk265,192,115		Total : Tk332,500,192			

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	285	(18:50-04:55)	2091	287	14%
Chittagong Area	120	(18:50-05:10)	590	108	18%
Khulna Area	101	(18:50-05:20)	515	95	18%
Rajshahi Area	55	(18:50-04:55)	440	80	18%
Comilla Area	66	(18:50-04:55)	351	64	18%
Mymensing Area	45	(18:50-04:55)	270	49	18%
Sylhet Area	24	(18:50-04:55)	288	22	8%
Barisal Area	21	(18:50-05:10)	105	19	18%
Rangpur Area	30	(18:50-04:55)	247	45	18%
Total	747	21:00	4897	769	

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) Siddhirganj GT-1 (18/06/10)	3) Raozan-2 (26/03/11)
4) Ashuganj-4(12/09/10)	4) Khulna-60 MW (18/4/11)
5) Kaptai #3 (1/12/10)	5) Sylhet GT 20 MW(30/6/11)
6) Ghorasal-3(1/7/11)	
7) Haripur SBU-2(10/7/11)	

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 747 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure HPL 360 MW, Siddhirganj 105 MW and RPCL 210 MW were limited to 316 MW, 60 MW and 89 MW respectively.	
c) Ashuganj GT-1 tripped at 09:57 due to turbine over speed and was synchronized at 12:33. It again tripped with ST unit at 02:28 (14/7/11) due to same reason.	Power interruption occurred (about 26 MW) under Fenchuganj S/S areas from 18:42 to 18:50.
d) After maintenance Baghabari WMPL #2 was synchronized at 17:07.	
e) Srimangal-Fenchuganj 132 kV Ckt-1 & 2 tripped at 18:12 showing dist. BC,Z1 relay and was switched on at 18:50. At the same time Shahjibazar 50 MW, Sylhet 50 MW & Fenchuganj 50 MW also tripped and were synchronized at 19:15, 18:50 & 19:32 respectively.	Power interruption occurred (about 56 MW) under Hasnabad S/S areas from 00:45 to 00:58 (14/7/11).
f) Ashuganj #3 tripped at 22:11 due to turbine vibration high and was synchronized at 00:52(14/7/11).	
g) Baghabari 100 MW is under shut down since 00:05 (14/7/11) due to water cooling line leakage.	Due to generation shortage about 250 MW (09:00) of load shed has been running since morning (14/07/11) over the whole area (except Sylhet) of the national grid.
h) Hasnabad 132/33 kV T2 & T6 transformer tripped at 00:45 (14/7/11) showing O/C relay and was switched on at 00:58 (14/7/11).	
i) Kaptai #2 is under shut down since 06:05 (14/7/11) due to oil cooler leakage.	
j) Goalpara-Bagerhat 132kV line tripped at 06:59 (14/7/11) from both end showing DTEW, TE-1,2,3 relays and was switched on at 11:03 (14/7/11).	
k) Bhandaria-Bagerhat 132kV line tripped at 06:59(14/7/11) showing dist. Z1 relay and was switched on at 07:48 (14/7/11).	
l) KPCL-1 & 3 tripped at 06:59 (14/7/11) showing E/F relay and was synchronized at 07:10(14/7/11).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle