

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 : 5-Dec-10 on 20-Aug-10	
The Summary of Yesterday's (4-Dec-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	2936.3	MW	Hour :	12:00	Min Gen. at 4:00	2450 MW
Evening Peak Generation :	3400.0	MW	Hour :	21:00	Max Generation :	3535 MW
E.P. Demand (at gen end) :	4250.0	MW	Hour :	21:00	Max Demand :	4300 MW
Maximum Generation :	3440.0	MW	Hour :	22:00	Shortage	765 MW
Total Gen. (MKWH) :	68.90	System L/ Factor :		85.41%	Load Shed	693 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	420	MW	at 24:00	Energy	7186000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 5-Dec-10						
Actual :	100.86	Ft.(MSL) ,	Rule curve :	105.64	Ft.(MSL)	

Gas Consumed : Total	584.43	MMCFt.	Oil Consumed (PDB) :			
			HSD :	1625924	Liter	
			FO :	0	Liter	

Cost of the Consumed Fuel (PDB) : Gas :	Tk43,195,221	Oil :	Tk65,036,970	Total :	Tk108,232,191
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Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	331	(16:50-22:45 gen. shortage)	1670	252	15%
Chittagong Area	126	(16:50-22:37 gen. shortage)	480	102	21%
Khulna Area	92	(16:50-22:00 gen. shortage)	440	94	21%
Rajshahi Area	73	(16:50-22:18 gen. shortage)	360	76	21%
Comilla Area	58	(16:50-22:25 gen. shortage)	282	58	21%
Mymensing Area	40	(16:50-22:05 gen. shortage)	183	38	21%
Sylhet Area	11	(16:50-22:05 gen. shortage)	198	14	7%
Barisal Area	11	(16:50-22:00 gen. shortage)	84	17	20%
Rangpur Area	29	(16:50-22:07 gen. shortage)	201	42	21%
Total	771	21:00	3898	693	

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. ltd GT-1(7/11/10)
2) Ghorasal 2(26/04/10)	9) Barapukuria-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	10) Khulna 110MW (22/11/10)
4) Ashuganj-4(12/09/10)	4) Siddirganj-210MW(23/11/10)
5) Raozan-1 (03/10/10)	5) Barapukuria-2(03/12/10)
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 771 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 57 MW and 50 MW respectively.	
c) Sylhet RPP (50 MW) tripped at 10:15 due to auxiliary failure and was synchronized at 10:40.	
d) Shahjibazar 86 MW was under shut down from 12:30 to 13:27 due to emergency maintenance.	
e) After maintenance Ghorasal #3 was synchronized at 19:28.	
f) After maintenance Khulna 110 MW was synchronized at 18:05.	
g) After maintenance Ashuganj CCPP ST was synchronized at 22:05. GT-1 & ST again tripped at 05:21 (5/12/10) due to gas pressure failure.	
h) Baghabari 71 MW & 100 MW tripped at 23:32 due to gas booster trip and were synchronized at 00:15(5/12/10) & 08:41(5/12/10) respectively . 71 MW again tripped at 01:30 (5/12/10) due to same reason.	
i) Patuakhali T1 from 07:11 to 17:06, Jamalpur T1 from 08:18 to 14:35, Mirpur T3 from 08:55 to 17:51 Shympur T1 from 09:04 to 13:45, Tangail T1 from 09:14 to 15:05, Bhulta T2 from 09:27 to 12:55, Shympur T2 from 14:07 to 17:41 132/33 KV X-formers and Rampura TO1 from 08:52 to 16:50, Khulna (S) TO1 from 09:20 to 17:16 230/132 KV X-formers were under annual maintenance.	
j) 132 KV Haripur-Comilla line-1 was under shut down from 08:32 to 16:23 due to dead line checking.	
k) Purbashadipur-Thakurgaon 132 KV line-1 & 2 was under shut down from 08:08 to 13:55 due to project work.	Power interruption occurred (about 20 MW) under Thakurgoan S/S areas from 08:08 to 13:55.
l) 132 KV Kishoreganj - Ashuganj line-1 from 07:35 to 15:15, Bheramara - Kustia line-1 from 08:45 to 16:02, Pabna - Shahjadpur line from 08:25 to 15:21, Ghorasal - Joydevpur line-1 from 08:44 to 14:06, Tongi - Uttara line from 10:15 to 15:11 and 230 KV Serajganj - Bogra line-2 from 08:51 to 15:50 were under annual maintenance.	
m) Shympur 33 KV bus-1 was under shut down from 09:45 to 17:45 due to work of DPDC .	Power interruption occurred (about 7.5 MW) under Shympur S/S areas from 09:27 to 12:55.
n) Serajganj - Baghabari 230 KV line-1 was under shut down from 09:38 to 14:10 due to project work.	
o) Jhenida 33 KV bus-1 & 2 were under shut down from 10:10 to 12:55 due to annual maintenance.	Power interruption occurred (about 22 MW) under Jhenida S/S areas from 10:10 to 12:55.
p) Khulna Central 132/33 KV T1 X-former tripped at 13:20 due to fault of 33 KV Shiromoni feeder and was switched on at 13:32. At the same time T2 & T3 also tripped showing E/F and was switched on at 13:34 ,13:36 respectively..	
	Due to generation shortage, about 50 MW (09:00) of load shed has been running since morning (5/12/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division



Deputy General Manager
Load Despatch Circle