

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 :-

6350 MW at

21:00

Hrs

Reporting Date : 20-Sep-12
on 4-Aug-12

The Summary of Yesterday's (19-Sep-12)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	4497.0	MW	Hour :	12:00	Min. Gen. at 7:00	4329	MW
Evening Peak Generation :	5501.0	MW	Hour :	19:30	Max Generation :	5635	MW
E.P. Demand (at gen end) :	6300.0	MW	Hour :	19:30	Max Demand :	6400	MW
Maximum Generation :	5501.0	MW	Hour :	19:30	Shortage :	765	MW
Total Gen. (MKWH) :	112.70	System L/ Factor :		94.93%	Load Shed :	678	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	690	MW	at 2:00	Energy	13.436	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on 20-Sep-12						
Actual :	104.26	Ft.(MSL) ,	Rule curve :	103.37	Ft.(MSL)	

Gas Consumed : Total	810.16	MMCFD.	Oil Consumed (PDB) :			
			HSD :		Liter	
			FO :		Liter	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk64,694,509				
	Coal :	Tk10,216,440	Oil :	Tk314,312,984	Total :	Tk389,223,933

Load Shedding & Other Information

Area	Yesterday		Today	
	MW	Estimated Demand(s/s end) from 10MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	229 (09:00-24:00)	2241	231	10%
Chittagong Area	111 (09:00-24:00)	620	88	14%
Khulna Area	102 (09:00-24:00)	688	98	14%
Rajshahi Area	91 (09:00-24:00)	590	83	14%
Comilla Area	75 (09:00-24:00)	431	61	14%
Mymensing Area	56 (09:00-24:00)	345	49	14%
Sylhet Area	- 0:00	277	-	-
Barisal Area	13 (09:00-24:00)	134	19	14%
Rangpur Area	31 (09:00-24:00)	346	49	14%
Total	708 19:30	5672	678	

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)	9) Raozan #1(8/9/12)
3) Kaptai #3 (1/12/10)	2) Ashuganj-1(09/11/10)
4) Sikalbaha-60 MW(27/12)	10) Ashuganj CC GT2(13/9/12)
5) Haripur SBU #1 & #2 (15/9/12)	3) Khulna-60 MW(24/1/12)
	11) Ghorasal-3(14/9/12)
	4) Shahjibazar #5 & 6(21/7/11)
	12) B.Pukuria-2(19/9/12)
	5) Ashuganj CC ST(19/9/12)
	13) Sikalbaha GT(16/9/12)
	6) Khulna-110 MW(21/6/12)
	7) WMPL #1(1/5/12)
	8) Raozan #2 (8/8/12)

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 708 MW (19:30) of load shed was imposed over the whole(except Sylhet) areas of the national grid .
b) Palashbari 132/33 kV T1 transformer was shut down at 09:20 due to annual maintenance and was switched on at 14:30.	
c) Comilla(N) 230 kV Busbar was shut down at 09:45 due to development work and was switched on at 16:40.	
d) Sitakhkha-Hasnabad 132 kV Ckt was shut down at 11:16 due to protection test at hasnabad end and was switched on at 16:44.	
e) Mymensing 132/33 kV T2 & T1 transformer were shut down at 11:34 & 16:30 due to protection test and were switched on at 15:02 & 17:40 respectively.	
f) Bagerhat 33 kv Bus was shut down at 12:06 due to PT replacement at R-phase and was switched on at 14:25.	Power interruption occurred (about 22 MW) under Bagerhat S/S areas from 12:06 to 14:25.
g) Natore-Bogra 132 kV Ckt tripped at 16:48 showing dist.second state relay at Natore end and was switched on at 18:49.	
h) Palashbari-Bogra 132 kV ckt-1 & 2 tripped at 16:48 showing dist.ABC,Z2 and were switched on at 18:58 & 18:55 respectively.	
i) Serajganj-Bogra 132 kV Ckt-1 & 2 tripped at 16:48 showing dist.ABC,Z2 and were switched on at 17:54 & 17:55 respectively.	Power interruption occurred (about 145 MW) under Bogra,Niamatpur,Naogaon & Joypurhat S/S areas from 16:48 to 18:02
j) Serajganj-Bogra 230 kV Ckt-1 & 2 tripped at 16:48 showing dist.trip,main-1,AR block and were switched on at 17:10 & 17:09 respectively.	
k) Bogra 230/132 kV TR1 tripped at 16:48 showing O/C relay and was switched on at 17:14.	
l) Natore-Rajshahi 132 kV Ckt-1 tripped at 16:48 and was switched on at 17:05.	
m) Natore-Rajshahi 132 kV Ckt-2 was shut down at 18:56 due to checking line CT and was switched on at 00:12(20/9/12).	
n) Tongi 132/33 kV T2 transformer tripped at 22:53 showing E/f relay at 33 kV end and was switched on at 23:04.	Power interruption occurred (about 18 MW) under Tongi S/S areas from 22:53 to 23:04.
o) After maintenance Siddirganj ST was synchronized at 01:45(20/9/12).	
	Due to economic purpose, about 373 MW (09:00) of load shed imposed by distribution zones (20/09/12) 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