

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

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Till now the maximum generation is :-

6350 MW at

21:00

Hrs

Reporting Date : 7-Oct-12
on 4-Aug-12

The Summary of Yesterday's (6-Oct-12) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :		4425.0	MW	Hour :	12:00	Min. Gen. at 7:00	4312 MW
Evening Peak Generation :		5483.0	MW	Hour :	19:00	Max Generation :	5575 MW
E.P. Demand (at gen end) :		6300.0	MW	Hour :	19:00	Max Demand :	6350 MW
Maximum Generation :		5483.0	MW	Hour :	19:00	Shortage :	775 MW
Total Gen. (MKWH) :		109.86	System L/ Factor :		92.96%	Load Shed :	705 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	720	MW	at 19:30	Energy	14.636	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on 7-Oct-12						
Actual :	106.04	Ft.(MSL) ,	Rule curve :	106.54	Ft.(MSL)	

Gas Consumed :	Total	813.49	MMCFD.	Oil Consumed (PDB) :		
				HSD :		Liter
				FO :		Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk64,960,422	Oil :	Tk236,341,797	Total :	Tk319,408,133
	Coal :	Tk18,105,913				

Load Shedding & Other Information

Area	Yesterday		Today	
	MW	(10:00-23:00)	Estimated Demand (s/s end) from 10MW	Estimated Shedding (s/s end) Rates of Shedding (On Estimated Demand)
Dhaka	270	(10:00-23:00)	2315	260 11%
Chittagong Area	87	(10:00-23:00)	642	90 14%
Khulna Area	99	(10:00-23:00)	690	99 14%
Rajshahi Area	94	(10:00-23:00)	615	85 14%
Cornilla Area	70	(10:00-23:00)	425	59 14%
Mymensing Area	54	(10:00-23:00)	350	49 14%
Sylhet Area	-	0:00	281	- -
Barisal Area	18	(10:00-23:00)	127	16 13%
Rangpur Area	52	(10:00-23:00)	335	47 14%
Total	744	19:00	5780	705

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(2/7/12)	10) Ashuganj CC GT2(13/9/12)
5) Haripur SBU #1 & #2 (15/9/12)	3) Khulna-60 MW(24/1/12)
	11) WMPL #2(2/10/12)
	4) Shahjibazar #5 & 6(21/7/11)
	5) 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 744 MW (19:00) of load shed was imposed over the whole(except Sylhet) areas of the national grid .
b) Haripur 230/132kV Tr-1 was shut down at 09:27 due to project work for 2 months.	
c) Haripur 132kV reserve bus section-1 was under shut down from 10:15 to 12:40 due to project work.	
d) Sylhet 132/33kV T1 & T2 transformer tripped at 11:23 showing inst.E/F relay and were switched on at 11:35.	Power interruption occurred (about 43 MW) under Sylhet S/S area from 11:23 to 11:35.
e) Kabirpur 132/33 kV T1 & T3 transformer were under shut down from 08:24 to 15:25 due to capacitor bank installation.	Power interruption occurred (about 35 MW) under Kabirpur S/S area from 08:24 to 15:25.
f) Serajganj 132/33kV T3 transformer was under shut down from 09:50 to 14:35 due to AM.	Power interruption occurred (about 6 MW) under Serajganj S/S area from 09:50 to 14:35.
g) Ishurdi 230/132kV Tr-3 transformer was under shut down from 08:40 to 14:22 due to AM.	
h) B.Pukuria GT2 tripped at 14:33 due to air heater tripping and was synchronized on at 18:45.	
i) Ullon-Dhanmondi 132kV Ckt-1,2 & 3 tripped at 19:12 from Ullon end showing no relay at Ckt-1, showing O/C, high set relay at Ckt-2 & diff.relay at Ckt-3 and were switched on at 20:00,20:18 & 21:38 respectively. At the same time Ullon 132/33kV T1 & T2 transformers also tripped showing CDG R-phase relay & O/C relay respectively and were switched on at 20:25, 20:11 respectively. At the same time Dhanmondi 132/33kV T2 transformer also tripped showing hand reset relay and was switched on at 20:12.	Power interruption occurred (about 119 MW) under Ullon & Dhanmondi S/S areas from 19:12 to 20:00.
j) Mirpur-Aminbazar 132kV Ckt-1 was under shut down from 07:46 to 08:52(7/10/12) to attend Y-phase reserve bus isolator red hot.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle