

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

Reporting Date : 4-Sep-10

Till now the maximum generation is :-

4698.5 MW at

21:00

Hrs

on 20-Aug-10

The Summary of Yesterday's (3-Sep-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & D	
Day Peak Generation :		4177.0	MW	Hour :	10:00	Min Gen. at 7:00	4129
Evening Peak Generation :		4512.5	MW	Hour :	21:00	Max Generation	4487
E.P. Demand (at gen end) :		5300.0	MW	Hour :	21:00	Max Demand	5400
Maximum Generation :		4588.0	MW	Hour :	4:00	Shortage	913
Total Gen. (MKWH) :		100.89	System L/ Factor		85.41%	Load Shed	800

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	590	MW	at 6:00	Energy	11410000
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-

Water Level of Kaptai Lake at 6:00 A M of 4-Sep-10

Actual :	106.50	Ft.(MSL) ,	Rule curve :	99.69	Ft.(MSL)
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Gas Consumed : Total	807.19	MMCFt.	Oil Consumed (PDB) :	HSD : 1806633
				FO : 0

Cost of the Consumed Fuel (PDB) : Gas : Tk59,659,413 Oil : Tk72,265,328 Total : Tk131,924,741

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedd
	MW		from to MW	MW	(On Estimated D
Dhaka	320	(18:15-04:45 gen. shortage)	2050	314	15%
Chittagong Area	86	(18:15-04:50 gen. shortage)	579	112	19%
Khulna Area	94	(18:15-04:55 gen. shortage)	525	100	19%
Rajshahi Area	75	(18:15-04:50 gen. shortage)	433	83	19%
Comilla Area	36	(18:15-04:40 gen. shortage)	340	65	19%
Mymensing Area	23	(18:15-03:55 gen. shortage)	223	40	18%
Sylhet Area	23	(18:15-01:00 gen. shortage)	241	21	9%
Barisal Area	11	(18:15-04:55 gen. shortage)	103	20	19%
Rangpur Area	22	(18:15-04:40 gen. shortage)	240	45	19%
Total	690	21:00	4734	800	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Kaptai- 3 (19/04/08) 2) Khulna 110MW (31/03/09) 3) Haripur SBU GT-3 (18/06/09) 4) Ghorasal 2(26/04/10) 5) Siddirganj GT-1 (18/06/10) 6) Ghorasal 6(18/07/10)

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 690 MW (21:00) of load shed was imposed whole areas of the national grid .
b) Due to gas limitation RPCL (210 MW), Tongi (105 MW) and HPL (360 MW) were limited to 105 MW , 50 MW and 352 MW respectively .	
c) Baghabari WMPL #1 tripped at 11:07 without showing any relay and was synchronized at 14:09.	
d) Baghabari 100 MW tripped at 12:39 showing signal exhaust temperature high and was synchronized at 14:09.	Power interruption occurred (about 12 MW) under B from 13:34 to 13:39.
f) KPCL tripped at 13:34 due to earth fault and was synchronized at 13:37.	
g) Ashuganj #4 tripped at 13:45 due to boiler tube leakage .	
h) Ghorasal RPP (45 MW) tripped at 19:45 due to 33 KV breaker open and was synchronized at 20:45. It again tripped at 06:30(4/9/10) and was synchronized at 07:15(4/9/10).	Power interruption occurred (about 49 MW) under K from 13:44 to 20:01.
j) Ghorasal - Ishurdi 230 KV line -2 tripped at 11:10 from both end showing PTAW, WH, dist, relays at Ghorasal end and dist , LZ 96 Main trip relays at Ishurdi end and was switched on at 11:55.	
k) Barisal - Barisal GT power station 132 KV line was shut down at 09:45 due to PT change and was switched on at 14:30.	
l) Barisal - Bhandaria 132 KV line tripped at 13:34 showing distance relay Z-2 and was switched on at 13:39.	Power interruption occurred (about 40 MW) under H from 08:08 to 12:03.
m) Bhandaria - Bagerhat 132 KV line tripped at 13:34 at Bagerhat end showing E/F dis, Z-2 and was switched on at 13:55.	
n) Khulna Central 132/33 KV transformer T1, T2 & T3 was tripped at 13:44 showing E/F & inst. relays and was switched on at 20:01.	
o) Halishahar 33 KV both bus was under shut down from 08:08 to 12:03 due to bus isolator change.	Due to generation shortage, about 105 MW (09:00) has been running since morning (4/09/10) over the v (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Mana
Load Despatch Circle

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