

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

Reporting Date : 17-Sep-10

Till now the maximum generation is :-

4698.5 MW at

21:00

Hrs

on 20-Aug-10

The Summary of Yesterday's (		16-Sep-10		) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		3608.0	MW	Hour :	11:00	Min Gen. at 7:00	3061
Evening Peak Generation :		4290.0	MW	Hour :	20:00	Max Generation	4390
E.P. Demand (at gen end) :		4700.0	MW	Hour :	20:00	Max Demand	4700
Maximum Generation :		4290.0	MW	Hour :	20:00	Shortage	310
Total Gen. (MKWH) :		89.79	System L/ Factor		85.41%	Load Shed	274

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :-	Maximum	660	MW	at 1:00	Energy	13461000
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-
Water Level of Kaptai Lake at 6:00 A M of 17-Sep-10						
Actual :	106.97	Ft.(MSL) ,	Rule curve :	102.68	Ft.(MSL)	

Gas Consumed : Total	745.62	MMCFt.	Oil Consumed (PDB) :	
			HSD :	1532568
			FO :	0

Cost of the Consumed Fuel (PDB) : Gas : Tk55,108,774 Oil : Tk61,302,700 Total : Tk116,411,474

**Load Shedding & Other Information**

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	149	(18:05-23:00 gen. shortage)	1812	98	5%
Chittagong Area	53	(18:05-00:20 gen. shortage)	503	42	8%
Khulna Area	40	(18:05-23:50 gen. shortage)	458	38	8%
Rajshahi Area	45	(18:05-00:22 gen. shortage)	376	31	8%
Comilla Area	28	(18:05-23:56 gen. shortage)	297	25	8%
Mymensing Area	20	(18:05-23:56 gen. shortage)	196	16	8%
Sylhet Area	-	0	217	-	-
Barisal Area	8	(18:05-23:50 gen. shortage)	89	7	8%
Rangpur Area	20	(18:05-23:53 gen. shortage)	209	17	8%
<b>Total</b>	<b>363</b>	<b>20:00</b>	<b>4157</b>	<b>274</b>	

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)
	7)Ghorasal-5(12/09/10)
	8) Ashuganj-4(12/09/10)
	9) Barapukuria 1 & 2 (13/09/10)

**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 126 MW (21:00) of load shed was imposed whole (except Sylhet) areas of the national grid .
b) Due to low gas pressure Raozan (360 MW) and Tongi GT (105 MW) were limited to 340 MW, 0 MW respectively.	
c) After maintenance Barapukuria #1 was synchronized at 19:20.It again tripped at 21:15 due to turbine vibration excessive and was synchronized at 22:35.	Power interruption occurred (about 52 MW) under CI from 11:55 to 12:19.
d) Kaptai # 2 tripped at 10:15 due to under impedance and was synchronized at 10:42.It again tripped at 15:50 due to governor oil head vibration and was synchronized at 15:55.It again forced shut down at 17:20 due to governor oil head vibration and was synchronized at 19:40.	
f) Ashuganj CCGP GT-1 & St tripped at 20:53 due to turbine vibration excessive .	
g) Sikalbaha GT(150 MW) was synchronized at 18:47 and was shut down at 20:10.	
h) Hathajari - Feni 132 KV line 1 & 2 tripped at 11:54 (line-1 at Hathazari end & line-2 at Feni end) showing following relays: distance relay-Z3 , E/F- Z2 at Hathazari end and C.B 1,A/R fail,PCSR at Feni end .Line-1 was switched on at 12:13 and line-2 was switched on at 12:32.	
i) Comilla - Feni 132 KV line-1 tripped at both end showing distance protection directional E/F, A/R fail and was switched on at 12:20.	
j) Comilla (N) - Comilla (S) 132 KV line tripped at 11:56 showing distance protection directional E/F, directional over current relay was switched on at 12:28.	
k) Chandpur - Chowmuhan 132 KV line-1 & 2 tripped at 11:55 showing E/F at line-2 (line-1 was no signal) . Line-1 was switched on at 12:12 and line-2 was switched on at 12:19.	
l) Ghorasal - Joydevpur 132 KV line-2 tripped at 00:12(17/9/10) showing remote protection relay and was switched on at 00:24(17/9/10).	
m) Tongi - Kabirpur 132 KV line-1 & 2 tripped at 00:15 (17/9/10) showing dist,Z-1,CSW & CE relays and was switched on at 00:20(17/9/10).	
n) Kabirpur 132 /33 KV T1 X-former was tripped at 00:15 (17/9/10) due to breaking of lightning arrester and was switched on (bypass) at 01:05 (17/9/10).	
o) Shahjibazar 86 MW was tripped at 02:51(17/9/10) showing E/F and was synchronized at 09:30 (17/9/10) .	

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle

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