

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 : **29-Aug-10**
on **20-Aug-10**

The Summary of Yesterday's (28-Aug-10)		Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3969.0	MW	Hour :	10:00	Min Gen. at 7:00	3981	MW
Evening Peak Generation :	4422.5	MW	Hour :	21:00	Max Generation :	4414	MW
E.P. Demand (at gen end) :	5350.0	MW	Hour :	21:00	Max Demand :	5500	MW
Maximum Generation :	4549.0	MW	Hour :	4:00	Shortage :	1086	MW
Total Gen. (MKWH) :	98.14	System L/ Factor :		85.41%	Load Shed :	942	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	620	MW	at 5:00	Energy	13165000	KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-	KWHR.
Water Level of Kaptai Lake at 6:00 A M of 29-Aug-10							
Actual :	105.31	Ft.(MSL) ,	Rule curve :	98.01	Ft.(MSL)		

Gas Consumed : Total 827.92 MMCFt. Oil Consumed (PDB) :
HSD : 1762855 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk61,191,567 Oil : Tk70,514,194 Total : Tk131,705,761

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	359	(18:15-05:00 gen. shortage)	2098	408	19%
Chittagong Area	106	(18:15-05:00 gen. shortage)	577	122	21%
Khulna Area	88	(18:15-05:05 gen. shortage)	525	111	21%
Rajshahi Area	76	(18:15-04:50 gen. shortage)	432	91	21%
Comilla Area	59	(18:15-05:00 gen. shortage)	340	72	21%
Mymensing Area	44	(18:15-05:00 gen. shortage)	226	48	21%
Sylhet Area	16	(18:15-04:50 gen. shortage)	232	17	7%
Barisal Area	15	(18:15-05:05 gen. shortage)	103	22	21%
Rangpur Area	42	(18:15-04:50 gen. shortage)	241	51	21%
Total	805	21:00	4774	942	

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) Barapukuria-2(27/08/10)

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 805 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to gas limitation RPCL (210 MW), Tongi (105 MW) and HPL (360 MW) were limited to 89 MW , 45 MW and 339 MW respectively .	
c) After maintenance Bhola RPP was synchronized at 09:14. It again shut down at 12:57 due to abnormal sound and was synchronized at 19:51.	Power interruption occurred (about 40 MW) under Bottail S/S areas from 21:10 to 21:15.
d) Barabkunda RPP tripped at 12:55 due to tripping of 33 KV doom-feeder and was synchronized at 19:51.It again tripped at 13:24 due to same reason and was synchronized at 13:30.	
e) Barapukuria #1 tripped at 16:05 due to boiler tripped and was synchronized at 20:09.	
f) Siddirganj GT-2 was forced shut down at 22:52 due to air compressor problem .	
g) Baghabari 71 MW was scheduled shut down at 04:40(29/8/10) and was synchronized at 09:55(29/8/2010).	
h) Ashuganj CAPP GT-1 was forced shut down at 04:45(29/8/10) due to air compressor problem .	Due to generation shortage, about 232 MW (09:00) of load shed has been running since morning (29/08/10) over the whole area
i) Bottail 132/33 KV T1 & T2 X-former tripped at 21:10 at Bottail end showing dist. relays 51N and was switched on at 21:15.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle