

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 : 30-Aug-10 on 20-Aug-10	
The Summary of Yesterday's (29-Aug-10) Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3912.0	MW	Hour :	11:00	Min Gen. at 7:00	4293	MW	
Evening Peak Generation :	4420.5	MW	Hour :	20:00	Max Generation :	4470	MW	
E.P. Demand (at gen end) :	5500.0	MW	Hour :	20:00	Max Demand :	5500	MW	
Maximum Generation :	4483.0	MW	Hour :	3:00	Shortage :	1030	MW	
Total Gen. (MKWH) :	97.87	System L/ Factor :		85.41%	Load Shed :	867	MW	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR								
Export from East grid to West grid :- Maximum		640	MW	at 6:00	Energy	12897000	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 :	105.80	Ft.(MSL) ,	Rule curve :		98.34	Ft.(MSL)		
Gas Consumed :	Total	820.76	MMCFt.	Oil Consumed (PDB) :		HSD :	1663649 Liter	
						FO :	0 Liter	
Cost of the Consumed Fuel (PDB) : Gas :		Tk60,662,372	Oil :		Tk66,545,958	Total : Tk127,208,330		

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	408	(18:15-04:55 gen. shortage)	2008	345	17%
Chittagong Area	120	(18:15-04:52 gen. shortage)	566	119	21%
Khulna Area	95	(18:15-04:53 gen. shortage)	515	108	21%
Rajshahi Area	93	(18:15-04:53 gen. shortage)	425	90	21%
Comilla Area	63	(18:15-04:51 gen. shortage)	335	71	21%
Mymensing Area	46	(18:15-04:50 gen. shortage)	218	44	20%
Sylhet Area	25	(18:15-00:35 gen. shortage)	231	20	9%
Barisal Area	14	(18:15-04:53 gen. shortage)	100	21	21%
Rangpur Area	45	(18:15-04:53 gen. shortage)	235	49	21%
Total	909	20:00	4633	867	

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 909 MW (20:00) 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 105 MW , 40 MW and 354 MW respectively .	
c) Ashuganj CCPP GT-1 tripped at 14:31 showing generator protection relay .	Power interruption occurred (about 96 MW) under Faridpur, M Gopalganj, Barishal S/S areas from 15:01 to 15:42.
d) Jangalia RPP tripped at 20:54 due to gas pressure low and was synchronized at 21:14.	
i) Ashuganj -Kishoreganj 132 KV line-1 was shut down at 08:16 due to changing CT at Ashuganj end and was switched on at 16:45.	Power interruption occurred (about 34 MW) under Bangabha from 16:40 to 00:44(30/8/10).
j) Bheramara-Faridpur 132 KV line 1 & 2 (#1 from Faridpur end and #2 from Bheramara end at 15:01 showing E/F and was switched on at 15:42. At the same time Barisal-Bhandaria 132 KV line tripped from Bhandaria end showing distance relay Z2 and was switched on at 15:04.	
k) Maniknagar - Bangabhaban 132 KV line 1 & 2 tripped at 16:40 showing main protection relay line-1 was switched on at 16:50 & line-2 was switched on at 00:44(30/8/10).	Due to generation shortage, about 138 MW (09:00) of load st has been running since morning (30/08/10) over the whole ar

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle