

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

QF-LDC-08
Page -1

Till now the maximum generation is :-		4698.5 MW at	21:00	Hrs	Reporting Date : 29-Nov-10 on 20-Aug-10
The Summary of Yesterday's () Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	28-Nov-10	3216.6	MW	Hour :	Min Gen. at 5:00 2600 MW
Evening Peak Generation :		3477.1	MW	Hour :	Max Generation : 3437 MW
E.P. Demand (at gen end) :		4300.0	MW	Hour :	Max Demand : 4300 MW
Maximum Generation :		3479.1	MW	Hour :	Shortage : 863 MW
Total Gen. (MKWH) :		71.52	System L/ Factor :		Load Shed : 779 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	380	MW	at 6:00	Energy	6543000 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-Nov-10						
Actual :	101.87	Ft.(MSL) ,	Rule curve :	106.20	Ft.(MSL)	

Gas Consumed : Total	578.80	MMCFt.	Oil Consumed (PDB) :	
			HSD :	1675070 Liter
			FO :	0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk42,779,108 Oil : Tk67,002,788 Total : Tk109,781,896

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	341	(17:05-22:52 gen. shortage)	1672	296	18%
Chittagong Area	119	(17:05-22:55 gen. shortage)	473	108	23%
Khulna Area	51	(17:05-21:50 gen. shortage)	433	99	23%
Rajshahi Area	57	(17:05-22:28 gen. shortage)	356	82	23%
Comilla Area	53	(17:05-22:36 gen. shortage)	281	64	23%
Mymensing Area	44	(17:05-22:00 gen. shortage)	180	41	23%
Sylhet Area	29	(17:05-21:40 gen. shortage)	203	24	12%
Barisal Area	22	(17:05-21:50 gen. shortage)	84	19	23%
Rangpur Area	27	(17:05-22:28 gen. shortage)	200	46	23%
Total	743	21:00	3882	779	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	8) Megnaghat P. ltd GT-1(7/11/10)
2) Ghorasal 2(26/04/10)	9) Barapukuria-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	10) Khulna 60MW (29/11/10)
4) Ashuganj-4(12/09/10)	11) Khulna 110MW (22/11/10)
5) Raozan-1 (03/10/10)	
6) Sikalbaha GT (24/10/10)	
7) Raozan-2 (21/10/10)	

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 743 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure RPCL (210 MW) and Tongi (105 MW) were limited to 92 MW and 60 MW respectively.	
c) Kaptai # 3 tripped at 12:10 due to G.T.B oil pressure low and was synchronized at 13:43 and again #1,2 & 3 tripped at 15:00 due to auxiliary fail and was synchronized at 15:45,15:40 & 16:20 respectively and again #1 tripped at 15:55 due to voltage regulation failure and was synchronized at 16:10.	
d) After maintenance Ashuganj #5 was synchronized at 15:06 and tripped at 15:58 due to heater level max. and again was synchronized at 17:27.	
e) Barapukuria #2 was foreced shut down at 00:06 due to super heater tube leakage. After maintenance Ashuganj #1 & CCPP ST was synchronized at 16:56 & 03:05(29/11/10) respectively.	
f) Haripur AES ST tripped at 16:39 due to voltage fluctuation and was synchronized at 19:22.	
g) Megnaghat - Haripur 230 KV line-1 tripped at 16:40 due to burst of LA and was switched on at 00:16.	
h) Jhinaidah - Bottail 132 KV line-2 was shut down at 07:47 due to annual maintenance and was switched on at 16:05.	
i) Dohazari - Coxbazar 132 KV line-1 was shut down at 08:20 due to annual maintenance and was switched on at 16:12.	
j) Haripur - Megnaghat 230 KV line-1 was shut down at 08:28 due to annual maintenance and was switched on at 16:16.	
k) Kabirpur - Manikganj 132 KV line-2 was shut down at 09:15 due to annual maintenance and was switched on at 17:15.	
l) Bogra - Serajganj 132 KV line-2 was shut down at 08:42 due to annual maintenance and was switched on at 15:17.	
m) Siddirganj 132/33 T1 & T2 transformer tripped at 23:15 due to showing E/F relays and was switched on at 23:35.	
n) Rampura - Haripur 230 KV line-1 tripped at 16:42 showing dist relays and was switched on at 16:54	
o) Bhandaria T2 from 07:15 to 16:58,Feni T2 from 08:46 to 14:33, Faridpur T2 from 08:30 to 16:45 Chapainawabganj T4 from 08:55 to 13:20,Ishurdi T3 from 09:50 to 14:48,Rampura T2 from 08:56 to 16: 32,Maniknagar T2 from 09:15 to 17:15 and Gollamary T1 from 09:16 to 16:33 132/33 KV transformers were shut down due to annual maintenance.	Due to generation shortage, about 82 MW (09:00) of load shed has been running since morning (29/11/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager

Manager

Deputy General Manager

