

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 : 30-Nov-10 on 20-Aug-10	
The Summary of Yesterday's (29-Nov-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3190.0	MW	Hour :	12:00	Min Gen. at 5:00	2586 MW
Evening Peak Generation :	3423.0	MW	Hour :	18:30	Max Generation :	3276 MW
E.P. Demand (at gen end) :	4300.0	MW	Hour :	18:30	Max Demand :	4300 MW
Maximum Generation :	3423.0	MW	Hour :	18:30	Shortage :	1024 MW
Total Gen. (MKWH) :	71.43	System L/ Factor :		85.41%	Load Shed :	916 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-		Maximum	400	MW	at 5:00	Energy 8143000 KWHR.
Import from West grid to East grid :-		Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				30-Nov-10		
Actual :	101.63	Ft.(MSL) ,	Rule curve :	106.10	Ft.(MSL)	
Gas Consumed : Total		574.44	MMCFt.	Oil Consumed (PDB) :		
				HSD :	934101	Liter
				FO :	0	Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk42,456,860		Oil :	Tk37,364,036	Total : Tk79,820,896

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	(17:00-00:20 gen. shortage)	1657	358	22%
Chittagong Area	104	(17:00-23:40 gen. shortage)	470	126	27%
Khulna Area	93	(17:00-22:30 gen. shortage)	433	117	27%
Rajshahi Area	77	(17:00-22:50 gen. shortage)	355	96	27%
Comilla Area	62	(17:00-23:00 gen. shortage)	281	76	27%
Mymensing Area	44	(17:00-22:45 gen. shortage)	178	48	27%
Sylhet Area	15	(17:00-22:05 gen. shortage)	190	19	10%
Barisal Area	20	(17:00-22:30 gen. shortage)	83	22	27%
Rangpur Area	28	(17:00-22:50 gen. shortage)	200	54	27%
Total	784	18:30	3847	916	

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 784 MW (18:30) 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 106 MW and 60 MW respectively.	
c) After maintenance Shahjibazar #9 was synchronized at 10:52.	
d)Baghabari WMPP #2 tripped at 08:09 due to turbine vibration and was synchronized at 11:38.	
e) Khulna -60MW tripped at 09:50 due to oil line leakage.	
f) Ghorasal #4 tripped at 18:40 due to boiler feed pump trip.	
g) Sylhet-11 MW & 50MW tripped at 04:27(30/11/10) due to busbar alarm and was synchronized at 05:18 & 04:35 respectively.	
h) Shahibazar RPP tripped at 08:20 due to burning of generator terminal and was sync.at 10:10.	
i) Bottail - Jhenidah 132 KV line-2 from 08:20 to15:57,Bogra - Serajganj line-2 from 08:29 to 16:08 Manikganj - Kabirpur line-2 from 09:15 to 17:50,Norsingdi - Ghorasal line from 09:28 to 13:03, Bheramara - Bottail line-1 & 2 from 08:44 to 15:52 & 16:02 ,Bheramara - Ishurdi line-2 from 09:02 to 15:48 were shut down due to annual maintenance.	
j) Hasnabad 230/132 KV T1 transformer tripped at 17:13 showing diff. relays and was switched . on at 23:30 and again tripped at 04:10 due to the same.	
k) Manikganj 132/33 KV T2 transformer was shut down at 09:15 due to annual maintenance and was swiched on at 17:50.	
l) Saidpur 132 KV capacitor bank was shut down at 09:10 due to annual maintenance and was switched on at 14:30.	
m)Siddirganj 132/33 KV T1 & T2 transformer tripped at 23:39 showing E/F relays and was switched on at 23:58(T1).	
	Due to generation shortage, about 125 MW (09:00) of load shed has been running since morning (30/11/10) over the whole area

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle