

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

QF-LDC-08
Page -1

Till now the maximum generation is :- **4724.1 MW at 21:00 Hrs** Reporting Date : 11-May-11
on 22-Apr-11

The Summary of Yesterday's (10-May-11)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3919.0	MW	Hour :	12:00	Min. Gen. at 6:00	2944 MW
Evening Peak Generation :	4437.5	MW	Hour :	20:00	Max Generation :	4470 MW
E.P. Demand (at gen end) :	5300.0	MW	Hour :	20:00	Max Demand :	5400 MW
Maximum Generation :	4437.5	MW	Hour :	20:00	Shortage :	930 MW
Total Gen. (MKWH) :	89.03	System L/ Factor :		85.41%	Load Shed :	848 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	670	MW	at 22:00	Energy	8.952	MKWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-	MKWHR.

Water Level of Kaptai Lake at 6:00 A M on 11-May-11							
Actual :	74.35	Ft.(MSL) ,		Rule curve :	80.10	Ft.(MSL)	

Gas Consumed : Total	692.87	MMCFD.	Oil Consumed (PDB) :				
				HSD :	18423	Liter	
				FO :	407255	Liter	

Cost of the Consumed Fuel (PDB) : Gas : Tk55,328,434 Oil (PDB) : Tk11,399,241 Total : Tk66,727,676

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	347	18:25-22:00	2112	317	15%
Chittagong Area	112	18:25-21:47	606	122	20%
Khulna Area	91	#REF!	522	105	20%
Rajshahi Area	77	18:25-21:49	453	91	20%
Comilla Area	61	18:25-21:46	357	72	20%
Mymensing Area	46	18:25-20:53	275	55	20%
Sylhet Area	34	18:25-21:50	239	13	5%
Barisal Area	18	18:25-21:25	108	22	20%
Rangpur Area	-	0	252	51	20%
Total	786	20:00	4924	848	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	3) Raozan-2 (26/03/11)
4) Ashuganj-4(12/09/10)	4) Khulna 60 MW (18/4/11)
5) Raozan-1 (03/10/10)	5) B.Pukuria #1 (6/5/11)
6) Kaptai #3 (1/12/10)	6) WMPL #1(10/5/11)
7) Siddirganj 210 MW (6/5/11)	

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 786 MW (20:00) of load shed was imposed over whole areas(Except-Rangpur) of the national grid.
b) Due to low gas pressure RPCL 210 MW was limited to 124 MW.	
c) B.Barial-70 MW tripped at 13:42 due to bus bar voltage high and was synchronized at 16:25 and again tripped at 02:10 (11/5/11) due to the same.	
d) Sikalbaha-60 MW was forced shut down at 18:03 due to increase of salinity in the water.	Power interruption occurred (about 2 MW) under Tangail S/S areas from 21:22 to 22:15.
e) Sylhet RPP(50 MW) tripped at 23:20 due to storm and thunders.	
f) Megnaghat GT2 tripped at 22:15 due to drum level low and was synchronized at 01:15(11/5/11).	
g) Ashuganj 230/132 kV TR1 & TR2 transformers tripped at 09:12 due to oil temperature high & O/C relays and was switched on at 10:47 & 10:41 respectively.	
h) Khulna@-Noapara 132 kV ckt-1 tripped at 20:30 showing distance relay at Noapara and E/F relay at Khulna end and was switched on at 20:40.	
i) Ghorasal-Ishurdi 230 kV ckt-2 tripped at 21:27 showing LZ96,DT & DNT relay and was switched on at 21:52.	
j) Kabirpur-Tangail 132 kV ckt-1 & 2 tripped at 21:22 showing main protection relay and ckt-2 was switched on at 22:15.	
k) Hasnabad-Shayampur 132 kV ckt tripped at 21:45 showing distance relay and was switched on at 21:56.	
l) Hasnabad-Kallyanpur 132 kV ckt tripped at 21:53 from Kallyanpur end showing earth fault & back up protection and was switched on at 22:06.	
m) Kallyanpur 132/33 kV T1 & T2 transformers tripped at 21:53 due to oil temperature high and back up protection and were switched on at 22:47 & 22:40 respectively.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle