

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	Reporting Date : 9-Dec-10	
				Hrs	on 20-Aug-10	
The Summary of Yesterday's (		8-Dec-10		) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation	:	3212.0	MW	Hour	:	10:00
Evening Peak Generation	:	3432.7	MW	Hour	:	19:30
E.P. Demand (at gen end)	:	4300.0	MW	Hour	:	19:30
Maximum Generation	:	3432.7	MW	Hour	:	19:30
Total Gen. (MKWH)	:	73.54	System L/ Factor	:	85.41%	Load Shed

EXPORT /IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-		Maximum	450	MW	at	20:00
Import from West grid to East grid :-		Maximum	-	MW	at	-
		Water Level of Kaptai Lake at 6:00 A M of		9-Dec-10		Energy
		Ft.(MSL) ,		Rule curve :		105.28 Ft.( MSL )

Gas Consumed :		Total	579.72	MMCFt.	Oil Consumed (PDB) :	
					HSD	:
					FO	:

Cost of the Consumed Fuel (PDB) :		Gas	:	Tk42,847,105	Oil	:	Tk92,931,098	Total	:	Tk135,778,203
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Load Shedding & Other Information

Area	Yesterday		Today	
	MW		MW	
Dhaka	359	(16:50-22:30 gen. shortage)	1563	267
Chittagong Area	126	(16:50-22:20 gen. shortage)	445	102
Khulna Area	36	(16:50-21:30 gen. shortage)	408	93
Rajshahi Area	74	(16:50-21:55 gen. shortage)	334	76
Comilla Area	47	(16:50-22:00 gen. shortage)	265	61
Mymensing Area	46	(16:50-21:45 gen. shortage)	168	38
Sylhet Area	10	(16:50-21:45 gen. shortage)	176	6
Barisal Area	20	(16:50-21:30 gen. shortage)	79	18
Rangpur Area	49	(16:50-21:45 gen. shortage)	188	43
Total	767	19:30	3626	704

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	9) Kaptai #3 (1/12/10)
2) Ghorasal 2(26/04/10)	10) Megnaghat P. ltd GT-1(7/11/10)
3) Siddirganj GT-1 (18/06/10)	11) Barapukuria-1(09/11/10)
4) Ashuganj-4(12/09/10)	
5) Raozan-1 (03/10/10)	
6) Sikalbaha GT (24/10/10)	
7) Raozan-2 (21/10/10)	
8) Kaptai #5 (02/11/10)	

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 767 MW (19:30) 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 108 MW and 30 MW respectively.	
c) Khulna RPP tripped at 19:55 due to trip of 33 KV line and was synchronized at 20:20.	
d) Khulna-60 MW tripped at 10:30 due to trip of burner.	Power interruption occurred (about 169 MW) under Bogra, Palashbari, Rangpur,Saidpur,Purbasadipur,Thakurgaon,Lalmonirhat & Barapukuria S/S areas.
e) Summit(Narayanganj) tripped at 19:35 due to trip of 33 Kv line and was synchronized at 20:02 and again tripped at 20:47 due to the same and was synchronized at 23:30.	
f) Dohazari - Coxbazar 132 KV line-1 from 08:21 to 16:30,Hathazari - Khulshi line-1from 08:42 to 15:54,Ashuganj - Kishorganj line-1 from 08:31 to 14:54,Rangpur - Palashbari line-2 from 12:13 to 15:55 Ishurdi - Baghabari 230 KV line-2 from 08:25 to 16:08 were shut down due to annual maintenance.	
g) Tongi 230/132 Kv T1 and Madaripur 132/33 KV T2 transformer were shut down at 09:52 & 09:31 due to annual maintenance and was switched on at 16:48 & 14"24 respectively.	
h) Siddirganj 132/33 Kv T1 & T2 transformer tripped at 20:25 showing E/F and was switched on at 20:43 & 23:29 respectively.	
i) At 04:05(09/12/10) due to E/F in 33 KV feeder' puran Bogra 'at Bogra grid S/S 3 No. 132 Kv and 3 No. 33 KV loop connected to T1 transformer 132/33 KV were parted(saperated) from the transformer bushings. At the same time Bogra - Serajganj 230 KV line-1 & 2 tripped at Serajganj end.	
Bogra- Serajganj 132KV line-1 & 2 tripped at Serajganj end.	
Bogra -Natore 132KV line-1 & 2 tripped at Natore end. So Bogra, Palashbari, Rangpur,Saidpur Purbasadipur,Thakurgaon,Lalmonirhat 132 KV S/S had no power. Barapukuria 230 KV & 132 KV had no power. Baghabari 100MW & 71 MW , Baghabari WMPP #1 & 2 tripped.	
Bogra - Barapukuria 230 KV line1 & 2 tripped.	
At 04:28(09/12/10) Bogra - Serajganj 230 KV line-1 switched on	
At 04:35(09/12/10) Bogra - Serajganj 230 KV line-2 switched on	
At 04:49(09/12/10) Bogra - Serajganj 132 KV line-1 switched on	
At 04:50(09/12/10) Bogra - Natore 132 KV line-1 switched on	
At 04:51(09/12/10) Bogra - Natore 132 KV line-2 switched on	
At 04:52(09/12/10) Bogra - Natore 132 KV line-2 switched on	
At 05:36(09/12/10) Baghabari-100 MW synchronized	
At 05:45(09/12/10) Bogra -Barapukuria 230 KV line-1 & 2 switched on.	
At 07:01(09/12/10)Baghabari WMPP #1 & 2 synchronized	
At 07:36(09/12/10) Baghabari-71 MW synchronized.	

Deputy / Asstt. Manager	Manager	Deputy General Manager
Network Operation Division	Network Operation Division	Load Despatch Circle