

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 : **15-Apr-11**
on **20-Aug-10**

The Summary of Yesterday's (14-Apr-11)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	4168.0	MW	Hour : 10:00	Min Gen. at 7:00	3082 MW
Evening Peak Generation :	4522.5	MW	Hour : 20:00	Max Generation :	4595 MW
E.P. Demand (at gen end) :	4775.0	MW	Hour : 20:00	Max Demand :	5150 MW
Maximum Generation :	4522.5	MW	Hour : 20:00	Shortage :	555 MW
Total Gen. (MKWH) :	97.44	System L/ Factor :	85.41%	Load Shed :	501 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	650	MW	at 5:00	Energy	11899000 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of 15-Apr-11						
Actual :	78.06	Ft.(MSL) ,	Rule curve :	85.20	Ft.(MSL)	

Gas Consumed : Total 721.26 MMCFt. Oil Consumed (PDB) :
HSD : 968787 Liter
FO : 641075 Liter

Cost of the Consumed Fuel : Gas : Tk53,308,327 Oil : Tk51,572,970 Total : Tk104,881,296

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from to MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	-	0	1975	146	7%
Chittagong Area	60	(18:10-21:00 , Gen.shortage)	576	83	14%
Khulna Area	64	(18:10-21:35 , Gen.shortage)	524	75	14%
Rajshahi Area	43	(18:10-21:00 , Gen.shortage)	430	61	14%
Comilla Area	25	(18:10-20:51 , Gen.shortage)	338	48	14%
Mymensing Area	26	(18:10-20:50 , Gen.shortage)	224	30	13%
Sylhet Area	-	0	242	12	5%
Barisal Area	10	(18:10-21:35 , Gen.shortage)	100	13	13%
Rangpur Area	-	0	238	33	14%
Total	228	20:00	4647	501	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09) 2) Ghorasal 2(26/04/10) 3) Siddirganj GT-1 (18/06/10) 4) Ashuganj-4(12/09/10) 5) Raozan-1 (03/10/10) 6) Kaptai #5 (02/11/10) 7) Kaptai #3 (1/12/10)	1) Ghorasal 6(18/07/10) 2) Ashuganj-1(09/11/10) 3) Raozan-2 (26/03/11) 4) Ashuganj-2(09/4/11) 5) B.Pukuria #1(11/4/11)

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 228 MW (20:00) of load shed was imposed over the whole areas of the national grid.(Except Sylhet & Rangpur)
b) Rangpur-Saidpur 132kV Ckt-1 & 2 tripped at 12:59 at Rangpur end showing dist AC,Z1 relay. At the same time Barapukuria-Saidpur 132kV Ckt-1 & 2 also tripped at Barapukuria end showing EF relay and Purbashadipur-Saidpur 132kV Ckt-1 & 2 also tripped showing dist C3 Z2 relay. These lines were switched on at 13:15, 13:45, 18:50, 13:19, 13:30, 13:50 respectively.	Power interruption occurred (about 111 MW) under Saidpur,Thakurgaon, & Purbashadipur S/S areas from 12:59 to 13:30.
c) Ashuganj CCPP GT-1 & ST tripped at 15:10 due to control air pressure failure and were synchronized at 17:38 & 19:59 respectively.	
d) Joydevpur-Ghorasal 132kV Ckt-2 tripped at 18:37 from both end showing remote protection at Ghorasal, dist B Z1,LA burst at Joydevpur and was switched on at 21:44. It again tripped at 22:35 from Ghorasal end showing remote protection and was switched on at 22:58. It again tripped at 23:02 showing same relay and was switched on at 23:45.	
e) Rampura-Bashundhara 132kV Ckt-1 tripped at 22:26 from both end showing dist Z1 at Rampura end and was switched on at 23:15.	
f) Joydevpur-Kabirpur Ckt-1 at 22:35 from Joydevpur end showing dist, & 67N block relays and was switched on at 23:01. It again tripped at 23:04 from Kabirpur end and was switched on at 23:09.	
g) Joydevpur-Kabirpur Ckt-2 tripped at 22:35 from both end showing dist, & 67N block relays. Y phase conductor was snapped.	
h) Siddhirganj PP GT-2 was shut down at 05:14 due to filter cleaning.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle