

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 :-		6065.5 MW		at 19:30:00 PM		Hrs		Reporting Date : 1-May-12	
								on 22-Mar-12	
The Summary of Yesterday's (30-Apr-12) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand					
Day Peak Generation :	4045.0	MW	Hour :	11:00	Min. Gen. at	8:00	2678	MW	
Evening Peak Generation :	5083.0	MW	Hour :	20:00	Max Generation :		4925	MW	
E.P. Demand (at gen end) :	5700.0	MW	Hour :	20:00	Max Demand :		5650	MW	
Maximum Generation :	5083.0	MW	Hour :	20:00	Shortage :		725	MW	
Total Gen. (MKWH) :	103.46	System L/ Factor :		85.41%	Load Shed :		662	MW	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid :- Maximum				870	MW	at	19:30	Energy	18.263 MKWHR.
Import from West grid to East grid :- Maximum				-	MW	at	-	Energy	- MKWHR.
Water Level of Kaptai Lake at 6:00 A M on				1-May-12					
Actual :	76.25	Ft.(MSL) ,		Rule curve :	82.00	Ft.(MSL)			
Gas Consumed : Total		858.32	MMCFD.		Oil Consumed (PDB) :				
							HSD :	Liter	
							FO :	Liter	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk68,540,277						
		Coal :	Tk17,728,706		Oil :	Tk153,391,101	Total :	Tk239,660,084	

Load Shedding & Other Information

Area	Yesterday		Estimated Demand(s/s end) from MW	Today Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
	MW				
Dhaka	270	18:30-07:05	1960	191	10%
Chittagong Area	89	18:30-07:06	566	87	15%
Khulna Area	72	18:30-07:15	567	87	15%
Rajshahi Area	50	18:30-07:15	615	94	15%
Comilla Area	42	18:30-07:10	390	60	15%
Mymensing Area	-	0	340	52	15%
Sylhet Area	-	0	275	22	8%
Barisal Area	19	18:30-07:08	118	18	15%
Rangpur Area	13	18:30-07:05	330	51	15%
Total	555	20:00	5161	662	

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)	9) Khulna-110 MW(7/11/11)
3) Kaptai #3 (1/12/10)	2) Ashuganj-1(09/11/10)
	10) Ghorasal-5(26/4/12)
	3) Khulna-60 MW(24/1/12)
	11) Ashuganj-4(1/5/12)
	4) WMPL #2(1/8/11)
	12) Fenchuganj GT2(30/4/12)
	5) Baghabari-71 MW(6/3/12)
	6) Siddhirganj ST 210 MW (1/8/11)
	7) Raozan-2(29/4/12)
	8) Shahjibazar #5 & 6(21/7/11)

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 555 MW (20:00) of load shed was imposed over the whole areas(except-Sylhet & Mymensing) of the national grid .
b) Due to low gas pressure HPL 360 MW,Raozan 380 MW,Siddhirganj 210 MW & Tongi 105 MW were limited to 350 MW, 170 MW, 86 MW & 75 MW respectively.	
c) Ashuganj CCPP ST tripped at 10:34 due to excitation problem and was sync.at 18:13.	Power interruption occurred (about 38 MW) under Naogaon S/S areas from 21:15 to 22:30.
d) Khulna(C)-Khulna(S) 132 kV Ckt-2 was shut down at 10:48 due to red hot maintenance and was switched on at 12:30.	
e) B.Pukuria 132/33 kV T2 transformer was shut down at 10:30 due to red hot maintenance and was switched on at 12:55.	
f) Bashundhara 132/33 kV T1 transformer was shut down at 11:15 due to main Bus isolator problem and was switched on at 19:06.	
g) Comilla(N)-Feni 132 kV Ckt-1 tripped at 12:40 showing dist.C and was switched on at 12:52.	
h) Purbasadiapur-Thakurgaon 132 kV Ckt 1 & 2 tripped at 19:18 showing dist.CAT,CE & CD and was switched on at 19:27.	
i) Tongi-Kabirpur 132 kV Ckt-2 tripped at 21:07 showing CSW,CE,CD,CAS and was switched on at 21:16 again tripped at 23:08 showing CAR,CD and was switched on at 23:26.	
j) Naogaon 132/33 kV T2 transformer was shut down at 21:15 due to red hot maintenance and was switched on at 22:30	
k) Ghorasal-Rampura 230 kV Ckt-1 tripped at 21:45 showing dist.Backup 21B, Zone-1 at Rampura end & C-phase at Ghorasal end and was switched on at 22:44.	
l) Ashuganj #4 was shut down at 00:03(01/5/12) due to leakage of condenser.	
m) Haripur-Shayampur 132 kV Ckt-1 tripped at 07:08(1/5/12) showing dist.CN,Zone-1 at Haripur end & directional E/F at Shayampur end.	Due to generation shortage, about 45 MW (09:00) of load shed has been running since morning (01/05/12) over the whole area (Only Rangpur) of the national grid.
n) Rampura-Bashundhara 132 kV Ckt-1 & 2 tripped at 07:05(1/5/12) showing dist.BN,Zone-1, differential 87 at Rampura end & dist.Z1 at Bashundhara end and Ckt-2 was switched on at 10:15.	
o) Hasnabad-Kamrangirchar 132 kV Ckt tripped at 06:58(1/5/12) due to main protection trip and was switched on at 09:13(1/5/12).	
p) Hasnabad 132/33 kV T2 & T6 transformers tripped at 06:58(1/5/12) showing E/F relay and was switched on at 07:32(1/5/12).	
q) Hasnabad-Kallyanpur 132 kV Ckt tripped at 06:58(1/5/12) due to main protection trip at Hasnabad end and was switched on 09:24.	
r) Bheramara-Ishurdi 132 kV Ckt-2 was shut down at 07:57(1/5/12) due to red hot maintenance at Ishurdi end.	
s) B.Baria-Shahjibazar 132 kV Ckt-1 tripped at 07:51(1/5/12) showing dist.relay operated at B.Baria end and was switched on at 08:32.	
t) Ashuganj-Shahjibazar 132 kV Ckt-3 tripped at 07:50(1/5/12) showing dist.relay operated at both end and was switched on at 08:45(1/5/12).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle