

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

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Till now the maximum generation is :- **4698.5 MW at 21:00 Hrs** Reporting Date : 17-Apr-11  
on 20-Aug-10

The Summary of Yesterday's ( 16-Apr-11 )		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	4127.0	MW	Hour : 8:00	Min Gen. at 6:00	3737 MW
Evening Peak Generation :	4317.0	MW	Hour : 19:00	Max Generation :	4467 MW
E.P. Demand (at gen end) :	5000.0	MW	Hour : 19:00	Max Demand :	5250 MW
Maximum Generation :	4402.7	MW	Hour : 23:00	Shortage :	783 MW
Total Gen. (MKWH) :	98.40	System L/ Factor :	85.41%	Load Shed :	692 MW

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :-	Maximum	730	MW	at 20:00	Energy	13386500 KWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	- KWHR.

		Water Level of Kaptai Lake at 6:00 A M of 17-Apr-11	
Actual :	77.79	Ft.(MSL) ,	Rule curve : 84.80 Ft.( MSL )

Gas Consumed : Total	752.61	MMCFt.	Oil Consumed (PDB) :	
			HSD :	979326 Liter
			FO :	587037 Liter

Cost of the Consumed Fuel : Gas : Tk55,625,405 Oil : Tk50,913,789 Total : Tk106,539,194

**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	214	(18:15-19:40 , Gen.shortage)	1978	234	12%
Chittagong Area	100	(18:15-19:40 , Gen.shortage)	575	105	18%
Khulna Area	95	(18:15-19:40 , Gen.shortage)	522	95	18%
Rajshahi Area	81	(18:15-19:40 , Gen.shortage)	430	78	18%
Comilla Area	56	(18:15-19:40 , Gen.shortage)	338	61	18%
Mymensing Area	-	0	222	38	17%
Sylhet Area	-	0	240	20	8%
Barisal Area	18	(18:15-19:40 , Gen.shortage)	101	18	18%
Rangpur Area	40	(18:15-19:40 , Gen.shortage)	238	43	18%
<b>Total</b>	<b>604</b>	<b>19:00</b>	<b>4644</b>	<b>692</b>	

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) Siddhirganj 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) 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 604 MW (19:00) of load shed was imposed over the whole areas of the national grid.( Except Mymensing & Sylhet)
b) Cox's Bazar 132/33 kV T1 transformer was under shut down from 08:15 to 15:15 due to annual maintenance.	
c) Kalyanpur-Kamrangirchar 132kV line was under shut down from 09:50 to 10:20 due to removing nest.	
d) Polashbari 132/33 kV T3 transformer was under shut down from 10:35 to 11:45 due to oil leakage maintenance.	
e) Mirpur 132/33 kV T1 & T3 transformer tripped at 11:01 due to 33kV Zigatala feeder fault and switched on at 12:05 & 11:47 respectively.	Power interruption occurred (about 60 MW) under Mirpur S/S areas from 11:01 to 11:47.
f) Baghabari WMPL #1 tripped at 11:55 showing high inlet manifold vacuum trip and was synchronized at 15:51.	
g) Ashuganj-Kishoreganj Ckt-2 was under shut down from 12:40 to 13:50 due to project work.	
h) Mymensing 132/33 kV T1 transformer tripped at 18:31 showing O/C relay and was switched at 18:35.	Power interruption occurred (about 20 MW) under Mymensing S/S areas from 18:31 to 18:35.
i) Siddhirganj PP GT-2 tripped at 19:40 due to turbine vibration high and was synchronized at 21:22.	
j) Ghorasal-Ishurdi 230kV Ckt-2 tripped at 19:40 from both end showing LZ96, DRT relays at Ishurdi end & LZ96, PTA5, PD3 relays at Ghorasal end and was switched on at 20:29.	
k) Thakurgaon RPP tripped at 20:18 due to voltage fluctuation and was synchronized at 20:35.	
l) Baghabari WMPL #1 & 2 tripped at 23:56 due to auxiliary failure and were synchronized at 03:42 & 03:47 (17/4/11) respectively.	

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle