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

					Tung Date .	27-Api-11	
Till now the maximum generation is	5:-	4724.1 MW at	21:00	Hrs on	22-Apr-11		
The Summary of Yesterday's (	26-Apr-11	) Generation & Demand		Today's Actual	Min Gen. & Pr	obable Gen. & Den	nand
Day Peak Generation :	4073.0	MW Hour :	10:00	Min. Gen. at	4:00	3237 MW	
Evening Peak Generation :	4369.0	MW Hour :	20:00	Max Generation	n :	4375 MW	
E.P. Demand (at gen end) :	5400.0	MW Hour :	20:00	Max Demand	:	5350 MW	
Maximum Generation :	4369.0	MW Hour :	20:00	Shortage	:	975 MW	
Total Gen. (MKWH) :	95.70	System L/ Factor :	85.41%	Load Shed	:	888 MW	
	EXPOR	/IMPORT THROUGH EAST-WEST INTER	CONNECTOR	•			
Export from East grid to West grid :- I	Maximum	490	MW at	7:00	Energy	7.574 MK\	VHR.
Import from West grid to East grid :- I	Maximum	-	MW at	-	Energy	- MK\	VHR.
	Water Level of Kaptai Lake	e at 6:00 A M on	27-Apr-11				
Actual : 75.97	Ft.(MSL) ,	Rule curve	: 82.80	Ft.( MSL )			
Gas Consumed : Total	723.80	MMCFD.	Oil Consume	ed (PDB):			
					HSD :	75599 Liter	
					FO :	405536 Liter	
Cost of the Consumed Fuel (PDB) :	Gas :	Tk57,798,318	Oil (PDB) :	Tk13,870,285	Total: 1	<sup>-</sup> k71,668,603	

## Load Shedding & Other Information

Area	Yesterday		Today			
			Estimated Demand(s/s end)	Estimated Shedding (s/s	Estimated Shedding (s/s e Rates of Shedding	
	MW		from to/W	MW	(On Estimated Demand)	
Dhaka	375	(18:20-00:50)	2090	332	16%	
Chittagong Area	125	(18:20-00:40)	601	128	21%	
Khulna Area	108	(18:20-00:40)	546	115	21%	
Rajshahi Area	91	(18:20-23:40)	450	96	21%	
Comilla Area	83	(18:20-00:31)	353	74	21%	
Mymensing Area	52	(18:20-23:25)	235	50	21%	
Sylhet Area	33	(18:20-00:23)	240	18	8%	
Barisal Area	16	(18:20-00:40)	106	22	21%	
Rangpur Area	53	(18:20-23:32)	250	53	21%	
Total	936	20:00	4871	888		

Information of the Generating machines under shut down.

Planned Shut- Down		Forced Shut- Down	
1) Haripur SBU GT-3 (18/06/09)	8) Bheramara GT1(1/3/11)	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) Sikalbaha-150 MW(23/4/11)	
6) Kaptai #5 (02/11/10)			
7) Kaptai #3 (1/12/10)			

## Additional Information of Machines, lines, Interruption / Forced Load shed etc.

## Description

a) There was generation shortage in the evening peak hour yesterday.

- b) Due to low gas pressure HPL 360 MW and RPCL (210 MW) were
- limited to 346 MW and 128 MW respectively.
- c) Siddirganj QRPP tripped at 03:29(27/4/11) showing O/C relay and was sync.at 03:55(27/4/11)
- d) Haripur NEPC tripped at 03:35(27/4/11) showing E/F relay and was sync.at 04:10(27/4/11).
- e) Madanganj RPP tripped at 03:29(27/4/11) showing E/F relay and was sync.at 05:30(27/4/11).
- f) After maintenance Ashuganj #2 was synchronized at 03:23(27/4/11).
- g) Baghabari-71 MW was shut down at 04:40(27/4/11) due to filter change.
- h) Bheramara QRPP tripped at 07:30(27/4/11) showing O/C & E/F relays.
- i) Manikganj 132/33 kV T3 transformer was shut down at 09:19 due to painting and was switched on at 17:12.
- j) Haripur-Rampura 230 kv ckt-2 tripped at 03:34(27/4/11) from Haripur end showing direc
- tional E/F & SOTF relay and was switched on at 04:39(27/4/11). k) Haripur 230/132 kV TR3 transformer tripped at 03:34 showing Y-phase pick-up IP, DIR, PU relay and was switched on at 11:28(27/4/11).
- Tongi-Mirpur 132 kV ckt tripped at 00:58(27/4/11) showing main protection trip and was switched on at 04:12(27/4/11).
- m) Bheramara-Faridpur 132 kV ckt-1 & 2 tripped at 07:30(27/4/11) showing dist.C-phase Z-2 and was switched on at 07:36(27/4/11).
- n) Madaripur-Faridpur 132 kV ckt-1 & 2 tripped at 07:30(27/4/11) showing dist.C-phase Z-2 and was switched on at 07:38.

Forced load shaded / Interrupted Areas So about 936 MW (20:00) of load shed was imposed over the whole areas of the national grid.

Due to generation shortage, about 205 MW (09:00) of load shed has been running since morning (27/04/11) over the whole area (except Sylhet) of the national grid.

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