

POWER GRID COMPANY OF BANGLADESH LTD.
CENTRAL LOAD DESPATCH CENTER, LDC.DHAKA
DAILY REPORT

QF-LDC-08
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Reporting Date : 27-Apr-09

Till now the maximum generation is :- MW at		4146.9	21:00	3-Apr-09
The Summary of Yesterday's (26-Apr-09) Generation & Demand	
Day Peak Generation :	3508.6	MW	Hour :	12:00
Evening Peak Generation :	3733.7	MW	Hour :	19:30
E.P. Demand (at gen end) :	5050.0	MW	Hour :	19:30
Maximum Generation :	3733.7	MW	Hour :	19:30
Total Gen. (MKWH) :	83.35	System L/ Factor :	93.02%	Load Shed
				Min Gen. at 7:00 3573 MW
				Max Generation : 3800 MW
				Max Demand : 5050 MW
				Shortage : 1250 MW
				Load Shed : 1050 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum		536 MW	at 5:00	Energy	12307000 KWHR.
Import from West grid to East grid :- Maximum		-	at -	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of		27-Apr-09			
Actual :	75.38	Ft.(MSL) ,	Rule curve :	82.80	Ft.(MSL)

Gas Consumed : Total	777.72	MMCFt.	Oil Consumed (PDB) :	SKO : 0	Liter
				HSD : 558214	Liter
				FO : 0	Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk57,481,285 Oil : Tk14,128,384 Total : Tk71,609,669

Load Shedding & Other Information

Area	Yesterday		Today	
	Actual Shedding (s/s end), MW	Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding (On Estimated Demand)
generation shortage at (20:00)	-	MW	MW	
Dhaka	408 (18:20 -cont'd, gen. shortage)	1774	329	19%
Chittagong Area	148 (18:20 -cont'd, gen. shortage)	484	145	30%
Khulna Area	146 (18:20 -cont'd, gen. shortage)	450	134	30%
Rajshahi Area	125 (18:20 -cont'd, gen. shortage)	447	134	30%
Comilla Area	100 (18:20 -cont'd, gen. shortage)	300	90	30%
Mymensing Area	75 (18:20 -cont'd, gen. shortage)	253	75	30%
Sylhet Area	24 (18:20 -02:10, gen. shortage)	185	38	21%
Barisal Area	20 (18:20 -cont'd, gen. shortage)	92	28	30%
Rangpur Area	60 (18:20 -cont'd, gen. shortage)	257	77	30%
	(
Total	1106 19:30	4242	1050	

Information of the Generating machines under maintenance

Planned Shut- Down	Forced Shut- Down
1) Khulna 60 MW (05/07/06)	1) Kaptai- 3 (19/04/08)
	2) Shajibazar-2 (13/07/08)
	3) Shajibazar-4 (18/10/08)
	4) Ghorasal-1 (30/09/08)
	5) Sikalbaha Barge (19/06/08)
	6) Sikalbaha St-(24/12/08)
	7) Khulna 110 (31/03/09)
	8) NEPC -4 (20/03/09)
	9) NEPC -1,2 (11/04/09)
	10) Barapukuria unit -2 (21/04/09).

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 1106 MW (19:30) of load shed was imposed over the whole area of the national grid.
b) Due to gas pressure low, RPCL (175 MW) , Siddhirganj (190 MW) , Tongi GT (80 MW) and Haripur Power Co. Ltd. (360 MW) were limited to 105 MW, 120 MW, 70MW and 270MW respectively.	
c) Due to gas limitation, Raozan -2, Sikalbaha Barge & Steam and Shahjibazar -2, 3, 5 are under shut down.	
d) Due to low water level, Kaptai - 2 & 5 are under shut down.	
e) Ashuganj CCPP Steam unit was forced shut down at 08:48 due to feed pump leakage and was synchronized at 12:32.	
f) Raozan unit -1 tripped at 20:45 due to generator protection relay brunt. Unit -2 was synchronized at 22:04 but it tripped at 23:28 due to auxiliary failure. Unit -1 was synchronized at 23:45.	
g) Hasnabad 132/33 KV transformer was under annual maintenance from 07:50 to 13:05.	
h) Jessore - Noapara 132 KV line -2 was under shut down from 08:27 to 13:32 due to NLDC project work.	
i) Bhulta 132/33 KV GT-1 transformer was under shut down from 07:05 (27/04/09) to 09:08 due to red-hot maintenance of Y-phase bushing.	
	Due to generation shortage and MVAR problem , about 450 MW (09:00) of load shed has been running since morning (27/04/09) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle