

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

QF-LDC-08
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Till now the maximum generation is :- MW at		4130.0	20:00	Reportina Date : 30-Mar-09
The Summary of Yesterday's (29-Mar-09)		Generation & Demand		
Day Peak Generation :	3475.0	MW	Hour :	9:00
Evening Peak Generation :	3561.6	MW	Hour :	18:30
E.P. Demand (at gen end) :	3692.0	MW	Hour :	18:30
Maximum Generation :	3624.0	MW	Hour :	1:00
Total Gen. (MKWH) :	79.99	System L/ Factor :	91.97%	Load Shed :
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR				
Export from East grid to West grid :- Maximum		580	MW	at 19:00
Import from West grid to East grid :- Maximum		-	MW	at -
Water Level of Kaptai Lake at 6:00 A M of		30-Mar-09	Energy 11105000 KWHR.	
Actual :	78.13	Ft.(MSL) ,	Rule curve :	88.34 Ft.(MSL)
Gas Consumed : Total		664.72	MMCFt.	Oil Consumed (PDB) :
				SKO : 0 Liter
				HSD : 395686 Liter
				FO : 0 Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk49,129,455	Oil : Tk10,014,813	Total : Tk59,144,268

Load Shedding & Other Information

Area	Yesterday		Today		
	Actual Shedding (s/s end), MW		Estimated Demand(s/s end) MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
generation shortage at (18:30)					
Dhaka	-		1691	307	18%
Chittagong Area	60 (18:15-00:03, gen. shortage)		461	103	22%
Khulna Area	45 (18:15-20:35, gen. shortage)		430	97	23%
Rajshahi Area	-		426	71	17%
Comilla Area	-		286	64	22%
Mymensing Area	-		242	30	12%
Sylhet Area	-		176	39	22%
Barisal Area	10 (18:15-20:35, gen. shortage)		88	20	23%
Rangpur Area	-		245	30	12%
	(
Total	115 18:30		4045	761	

Information of the Generating machines under maintenance

Planned Shut- Down	Forced Shut- Down
1) Khulna 60 MW (05/07/06)	9) Haripur SBU-2 (14/03/09)
	10) Shahjibazar -9 (20/03/09)
	11) Khulna 110 MW (24/03/09)
	12) NEPC -4 (20/03/09)
	13) Tongi GT (26/03/09)
	8) Ashuganj CCPP Gt-1 & St (03/03/09)

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

Description	Forced load shaded / Interrupted Areas
a) There was heavy rain and thunder storm in the evening peak hour yesterday and the system demand dropped.	So about 115 MW (18:30) of load shed was imposed over Chittagong, Khulna and Barisal area of the national grid.
b) Due to gas pressure low, Ghorasal (790 MW) , RPCL (210 MW) and Haripur SBU (33 MW) and Haripur Power Co. Ltd (360MW) were limited to 750 MW, 106 MW, 18 MW and 321 MW respectively.	
c) Due to gas limitation, Sikalbaha Barge & Steam, Raozan -2, Haripur SBU GT-1 and Shahjibazar -2, 4 are under shut down.	
d) Due to low water level, Kaptai - 2 & 4 are under shut down.	
e) Haripur SBU GT-3 was shut down at 09:36 due to gas pressure low.	
f) KPCL , Khulna RPP, Bheramara GT-1, GT-3, Barisal GT-1 and GT-2 tripped at 19:24 due to voltage fluctuation and were synchronized at 19:31, 19:47, 19:28 and 19:32 respectively (except Barisal machines).	
g) After maintenance Barisal - Madaripur 132 KV line -2 was switched on at 17:34.	
h) Mirpur 132/33 KV T1, T2 and T3 transformers tripped at 17:41 showing ' Backup protection relay' and were switched on at 19:00, 19:01 and 19:02 respectively.	Power interruption (68 MW) occurred under Mirpur S/S areas from 17:41 to 19:00.
i) Ashuganj (on AN DIST Z1) - Ghorasal (on DIST BC) 230 KV line -2 tripped at 17:50 from both side and was switched on at 19:20.	
j) Tongi - Bashundhara 132 KV line -1 tripped at 17:52 from Tongi end showing ' DIST Z2 A-phase' and was switched on at 19:10.	
k) Haripur (on DIST A-phase) - Maniknagar (DIST. Z1, A-phase) 132 KV line -2 tripped at 18:43 from both end and was switched on at 19:45.	
l) Bogra 230/132 KV TR1 transformer tripped at 19:26 showing over load and was switched on at 19:32.	
m) Faridpur 132/33 KV T1 and T2 transformers tripped at 19:27 showing ' O/C relay' and were switched on at 19:32 and 19:33 respectively.	Power interruption (28 MW) occurred under Faridpur S/S areas from 19:27 to 19:32.
n) Jhenida 132/33 KV T1 and T2 transformers tripped at 22:05 showing ' inst. E/F and lockout' and were switched on at 22:09 and 22:10 respectively. But they tripped again at 22:28 due to the same reason and were switched on at 22:30 and 22:31 respectively.	Power interruption (12 MW) occurred under Jhenida S/S areas from 22:05 to 22:09 and 8 MW from 22:28 to 22:30.
	Due to gas limitation / generation shortage about 110 MW (09:00) of load shed has been running since morning (30/03/09) over Dhaka Chittagong areas of the national grid.

Deputy / Asstt. Manager
Load Despatch Division

Manager
Load Despatch Division

Deputy General Manager
Load Despatch Circle