

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

QF-LDC-08
Page -1

Till now the maximum generation is :-		4296.0 MW at	20:00	Hrs	Reporting Date : 29-Mar-10 on 18-Sep-09	
The Summary of Yesterday's (28-Mar-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3532.0	MW	Hour :	9:00	Min Gen. at	8:00 3340 MW
Evening Peak Generation :	3654.0	MW	Hour :	19:30	Max Generation :	3590 MW
E.P. Demand (at gen end) :	5350.0	MW	Hour :	19:30	Max Demand :	5300 MW
Maximum Generation :	3951.5	MW	Hour :	3:00	Shortage :	1710 MW
Total Gen. (MKWH) :	84.36		System L/ Factor :	85.41%	Load Shed :	1385 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :- Maximum		634	MW	at	24:00	Energy 11645000 KWHR.
Import from West grid to East grid :- Maximum		-	MW	at	-	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of						
29-Mar-10						
Actual :	77.47	Ft.(MSL) ,	Rule curve :	88.51	Ft.(MSL)	
Gas Consumed : Total 744.16 MMCFt. Oil Consumed (PDB) :						
					HSD :	479653 Liter
					FO :	0 Liter
Cost of the Consumed Fuel (PDB) : Gas : Tk55,000,866 Oil : Tk19,186,138 Total : Tk74,187,004						

Load Shedding & Other Information

Area	Yesterday		Today		
	Actual Shedding (s/s end)		Estimated Demand(s/s end)		Rates of Shedding (On Estimated Demand)
	MW		from	to MW	
Dhaka	536	(17:55-04:30, gen. shortage)		1810	546 30%
Chittagong Area	188	(17:55-02:00, gen. shortage)		497	180 36%
Khulna Area	183	(17:55-02:00, gen. shortage)		464	168 36%
Rajshahi Area	147	(17:55-23:00, gen. shortage)		422	152 36%
Comilla Area	111	(17:55-01:42, gen. shortage)		340	123 36%
Mymensing Area	90	(17:55-01:42, gen. shortage)		250	90 36%
Sylhet Area	-	0		166	- -
Barisal Area	31	(17:55-02:00, gen. shortage)		94	34 36%
Rangpur Area	88	(17:55-23:00, gen. shortage)		250	92 37%
Total	1374	19:30		4293	1385

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Kaptai- 3 (19/04/08)
	2) Shahjibazar- 2 (13/07/08)
	3) Shahjibazar-4 (18/10/08)
	4) Khulna 110MW (31/03/09)
	5) Haripur SBU GT-3 (18/06/09)
	6) Shahjibazar 5 (05/08/09)
	7) Shahjibazar -6 (11/10/09)
	8) Raozan -2 (08/11/09)
	09) Ashuganj CAPP ST (05/12/09)
	10) Kaptai -4 (17/01/10)
	11) Khulna 60 MW (16/03/09)
	12) Ghorasal- 1 (08/03/10)
	13) Ashuganj CAPP GT-1 (23/03/10)

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 1374 MW (19:30) of load shed was imposed over the whole area (except Sylhet) of the national grid .
b) Due to gas limitation, RPCL (175 MW), Raozan (180 MW), NEPC(110 MW) and Siddhirganj 210 MW were limited to 74 MW,100 MW, 48 MW and 100 MW respectively.	
c) Due to gas limitation, Haripur SBU GT-1 & 2, Raozan -2 were under shut down .	
d) Tongi GT was shut down at 09:30 due to gas pressure low and was synchronized at 23:40 .	
e) After maintenance, Khulna 60 MW was synchronized at 14:43. But it tripped at 17:05 due to excitation problem.	
f) Shahjibazar 86 MW tripped at 23:30 showing 'mains failure' and was synchronized at 23:58.	
g) Shahjibazar 50 MW RPP tripped at 23:36 due to thunder & lightning and was synchronized at 23:57.	
h) Ghorasal -3 was forced shut down at 05:49 (29/03/10) due to firing at exciter.	
i) Aminbazar - Tongi 230 KV line -1 & 2 were under shut down from 08:24 to 19:40 due to erection of new tower.	
j) Meghnaghat - Comilla (N) 230 KV line -2 was under annual maintenance from 08:41 to 18:01.	
k) Mirpur 132/33 KV T2 transformer was shut down at 09:25 due to maintenance of oil leakage.	
l) Comilla (N) - Haripur 132 KV line -1 tripped at 13:55 from Haripur end showing ' DIST Z1' and was switched on at 14:00. Again line -2 tripped at 00:35 (29/03/10) showing ' DIST Z1' and was switched on at 00:50 (29/03/10).	
m) Bottail 132/33 KV T1 & T2 transformers tripped at 17:10 showing ' 51 Lockout & O/C' and were switched on at 17:15 and 17:16 respectively.	Power interruption occurred (24 MW) under Bottail S/S areas from 17:10 to 17:15.
n) Ashuganj - Kishorganj 132 KV line -2 tripped at 23:35 from Ashuganj end showing ' DIST A phase & O/C' and was switched on at 00:45 (29/03/10).	
o) Hathazari - Kaptai 132 KV line -1 & 2 tripped at 06:10 (29/03/10) from both end showing ' E/F' and were switched on at 06:53 (29/03/10).	Due to generation shortage, about 750 MW (09:00) of load shed has been running since morning (29/03/10) 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