

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

QF-LDC-08
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Till now the maximum generation is :-		4698.5 MW at	21:00	Hrs	Reporting Date : 19-Mar-11 on 20-Aug-10	
The Summary of Yesterday's (18-Mar-11) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3424.7	MW	Hour :	10:00	Min Gen. at 8:00	3299 MW
Evening Peak Generation :	4017.3	MW	Hour :	21:00	Max Generation :	3913 MW
E.P. Demand (at gen end) :	5075.0	MW	Hour :	21:00	Max Demand :	5150 MW
Maximum Generation :	4017.3	MW	Hour :	21:00	Shortage :	1237 MW
Total Gen. (MKWH) :	85.23	System L/ Factor :		85.41%	Load Shed :	1114 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-		Maximum	560	MW	at 6:00	Energy 10474500 KWHR.
Import from West grid to East grid :-		Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				19-Mar-11		
Actual :	82.23	Ft.(MSL) ,	Rule curve :		90.12	Ft.(MSL)
Gas Consumed : Total		640.84	MMCFt.	Oil Consumed (PDB) :		
				HSD :	1060239	Liter
				FO :	197285	Liter
Cost of the Consumed Fuel : Gas :		Tk47,364,484		Oil :	Tk46,355,278	Total : Tk93,719,762

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)		Estimated Shedding (s/s e
	MW		from	t0/MW	MW
Dhaka	388	(17:50-Till Now,Gen. shortage)		1979	423
Chittagong Area	125	(17:50-Till Now,Gen. shortage)		572	155
Khulna Area	118	(17:50-Till Now,Gen. shortage)		525	144
Rajshahi Area	101	(17:50-Till Now,Gen. shortage)		430	117
Comilla Area	63	(17:50-Till Now,Gen. shortage)		340	93
Mymensing Area	56	(17:50-Till Now,Gen. shortage)		221	60
Sylhet Area	30	(17:50-Till Now,Gen. shortage)		230	30
Barisal Area	13	(17:50-Till Now,Gen. shortage)		101	27
Rangpur Area	58	(17:50-Till Now,Gen. shortage)		240	65
Total	952	21:00		4638	1114

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	9) Meghnaghat Power Ltd GT-2(15/02/11)
2) Ghorasal 2(26/04/10)	1) Ghorasal 6(18/07/10)
3) Siddirganj GT-1 (18/06/10)	2) Ashuganj-1(09/11/10)
4) Ashuganj-4(12/09/10)	3) Khulna-110 MW(17/03/11)
5) Raozan-1 (03/10/10)	4) B.Pukuria #2 (17/03/11)
6) Raozan-2 (21/10/10)	
7) Kaptai #5 (02/11/10)	
8) Kaptai #3 (1/12/10)	

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 1096 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Baghabari 100 MW and RPCL (210 MW) were limited to 80 MW and 106 MW respectively.	
c) Meghnaghat GT-2 was synchronized at 08:38 and was shut down at 22:28 due to various test.	Power interruption occurred (about 30 MW) under Bottail S/S areas from 08:12 to 08:20.
d) Bottail 132/33 kV T1 & T2 X-formers tripped at 08:12 showing O/C relay and were switched on at 08:20.	
e) Hasnabad-Kamrangirchar 132kV line tripped at 09:42 from both end showing dist, Z1 & Z2 and was switched on at 10:13.	Power interruption occurred (about 29 MW) under Bagerhat, Mongla Bhandaria S/S areas from 11:20 to 11:30.
f) Hasnabad-Kalyanpur 132kV line tripped at 09:42 from Kalyanpur end showing O/C relay and was switched on at 10:06.	
g) 132kV Barisal-Bhandaria, Bagerhat-Bhandaria, Bagerhat-Goalpara lines tripped at 11:20 showing dist,Z2 relay at Barisal end , TE-2,3 relay at Bagerhat end relays and were switched on at 11:30, 14:18, 11:29 respectively.	Due to generation shortage, about 458 MW (09:00) of load shed has been running since morning (19/03/11) over the whole area of the national grid.
h) Khulna KPCL tripped at 11:20 due to voltage fluctuation and was synchronized at 11:28. It again tripped at 07:45 due to over voltage and was synchronized at 07:51.	
i) After maintenance Siddirganj 210 MW was synchronized at 14:27.	
j) Ghorasal #4 tripped at 16:02 due to boiler tube leakage.	
k) Siddirganj PP GT-2 was forced shut down at 23:40 due to auxiliary x-former tripping problem.	
l) Sylhet RPP 50 MW & 10 MW tripped at 04:19(19/03/11) due to storm. These machines were synchronized at 04:20, 05:24(19/03/11) respectively. These again tripped at 06:20 and were synchronized at 06:30(19/03/11). RPP 50 MW finally again tripped at 09:26.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle