

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	21:00	Hrs	on	20-Aug-10	Reporting Date : 6-Oct-10
The Summary of Yesterday's (5-Oct-10)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3737.0	MW	Hour :	10:00	Min Gen. at	7:00	3745 MW
Evening Peak Generation :	3958.0	MW	Hour :	21:00	Max Generation	:	3993 MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	21:00	Max Demand	:	5250 MW
Maximum Generation :	3974.0	MW	Hour :	22:00	Shortage	:	1257 MW
Total Gen. (MKWH) :	89.76	System L/ Factor	:	85.41%	Load Shed	:	1118 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :- Maximum		480	MW	at	6:00	Energy	9753000 KWHR.
Import from West grid to East grid :- Maximum		-	MW	at	-	Energy	- KWHR.
Water Level of Kaptai Lake at 6:00 A M of				6-Oct-10			
Actual :	106.95	Ft.(MSL)	Rule curve :	106.45	Ft.(MSL)		
Gas Consumed : Total		724.09	MMCFt.	Oil Consumed (PDB) :		HSD :	1846377 Liter
						FO :	0 Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk53,517,492	Oil :		Tk73,855,094	Total :	Tk127,372,586

Load Shedding & Other Information

Area	Yesterday		Estimated Demand(s/s end)	Today	
	MW		MW	Estimated Shedding (s/s end)	Rates of Shedding (On Estimated Demand)
Dhaka	324	(17:40-till now gen. shortage)	2009	440	22%
Chittagong Area	255	(17:40-till now gen. shortage)	575	155	27%
Khulna Area	113	(17:40-till now gen. shortage)	526	142	27%
Rajshahi Area	117	(17:40-till now gen. shortage)	432	117	27%
Comilla Area	129	(17:40-till now gen. shortage)	342	93	27%
Mymensing Area	58	(17:40-till now gen. shortage)	220	57	26%
Sylhet Area	26	(17:40-23:55 gen. shortage)	224	23	10%
Barisal Area	18	(17:40-till now gen. shortage)	101	26	26%
Rangpur Area	65	(17:40-till now gen. shortage)	241	65	27%
Total	1105	21:00	4670	1118	

Information of the Generating machines under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Kaptai- 3 (19/04/08)
	2) Khulna 110MW (31/03/09)
	3) Haripur SBU GT-3 (18/06/09)
	4) Ghorasal 2(26/04/10)
	5) Siddirganj GT-1 (18/06/10)
	6) Ghorasal 6(18/07/10)
	7) Ghorasal-5(12/09/10)
	8) Ashuganj-4(12/09/10)
	9) Barapukuria- 2(21/9/10)
	10) Ashuganj-1(20/9/10)
	11) Raozan-1 (03/10/10)

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 1105 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to gas limitation, RPCL (175 MW), HPL (360 MW) and Tongi (105MW) were limited to 91 MW, 291 MW and 30 MW respectively.	
c) After maintenance Sikalbaha GT was synchronized at 11:24.	
d) Khulna QRPP tripped at 13:10 due to 33 KV feeder trip.	
e) Baghabari WMPL #1 & 2 tripped at 13:18 due to reverses power and was synchronized at 16:30 & 17:01.	
f) Ghorasal RPP (45 MW) tripped at 14:45 due to power back feed and was synchronized at 15:10.	
g) Khulna RPP tripped at 14:34 due to over voltage and was synchronized at 15:35.	
h) KPCL tripped at 14:27 showing E/F and was synchronized at 14:33	
i) Comilla - Megnaghat 230 KV line -1 tripped at 13:09 showing distance relays and was switched on at 13:38.	
j) Feni - Chawmohani 132 KV line tripped at 09:00 showing distance relays and was switched on at 09:07.	
k) Ashuganj - Serajganj 230 KV line -1 tripped at 13:18 showing distace relays and was switched on at 14:13.	
l) GK Project - Bheramara 132 KV line tripped at 14:12 showing E/F and was swiched on at 17:17.	
m) Ghorasal - Ishurdi 230 KV line -1 tripped at 15:12 showing distance protection and was switched on at 15:48.	
	Due to generation shortage, about 350 MW (09:00) of load shed has been running since morning (06/10/10) over the whole area of the national grid.
Deputy / Asstt. Manager Network Operation Division	Manager Network Operation Division
	Deputy General Manager Load Despatch Circle