

**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 :-		4606.0 MW at	22:00	Hrs	Reporting Date : 28-Jul-10 on 14-Apr-10	
<b>The Summary of Yesterday's (</b>		27-Jul-10	<b>) Generation &amp; Demand</b>		<b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b>	
Day Peak Generation :	3525.0	MW	Hour :	10:00	Min Gen. at 7:00	3618 MW
Evening Peak Generation :	4006.5	MW	Hour :	21:00	Max Generation :	4193 MW
E.P. Demand (at gen end) :	5150.0	MW	Hour :	21:00	Max Demand :	4900 MW
Maximum Generation :	4195.5	MW	Hour :	24:00	Shortage :	707 MW
Total Gen. (MKWH) :	88.73	System L/ Factor :		85.41%	Load Shed :	600 MW
<b>EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR</b>						
Export from East grid to West grid :-		Maximum	540	MW	at 24:00	Energy 10705000 KWHR.
Import from West grid to East grid :-		Maximum	-	MW	at -	Energy - KWHR.
Water Level of Kaptai Lake at 6:00 A M of				28-Apr-10		
Actual :	96.45	Ft.(MSL) ,	Rule curve :		88.32	Ft.( MSL )
Gas Consumed : Total		771.59	MMCFt.	Oil Consumed (PDB) :		
				HSD :	1391824	Liter
				FO :	0	Liter
Cost of the Consumed Fuel (PDB) : Gas :		Tk57,028,217		Oil :	Tk55,672,974	Total : #####

**Load Shedding & Other Information**

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding
	MW		from to MW	MW	(On Estimated Demand)
Dhaka	423	(18:40-01:15 gen. shortage)	1809	234	13%
Chittagong Area	131	(18:40-04:30 gen. shortage)	505	88	17%
Khulna Area	112	(18:40-04:35 gen. shortage)	452	79	17%
Rajshahi Area	96	(18:40-04:55 gen. shortage)	372	65	17%
Comilla Area	76	(18:40-04:40 gen. shortage)	289	50	17%
Mymensing Area	57	(18:40-04:45 gen. shortage)	204	35	17%
Sylhet Area	-	0	242	-	-
Barisal Area	23	(18:40-07:35 gen. shortage)	87	15	17%
Rangpur Area	52	(18:40-04:55 gen. shortage)	196	34	17%
<b>Total</b>	<b>970</b>	<b>21:00</b>	<b>4156</b>	<b>600</b>	

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) Siddhirganj GT-1 (16/06/10)
	6) Kaptai -1 (25/06/10)
	7) Sikalbaha St (07/07/10)
	8 ) Ghorasal 6(18/07/10)
	9) Raozan -2 (17/07/10)
	10) Khulna 60MW (23/07/10)

**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 600 MW (21:00) of load shed was imposed over the whole (except Sylhet ) areas of the national grid .
b) Due to gas limitation, RPCL (210 MW), NEPC(110 MW) and HPL (360 MW) were limited to 90 MW, 70 MW and 353 MW respectively.	
c) Sikalbaha 55 MW tripped at 15:45 due to and was synchronized at 16:05.	No Power Interruption. Power Interruption (about 10 MW) occurred under Jhulda S/S areas from 15:34 to 15:50.
d) Baghabari 71MW shut down at 16:25 due to low gas pressure and was synchronized at 07:55(28/07/2010).	
e) Feni- Hathazari 132 KV line-1 shut down at 10:40 due to breaker maintenance at Feni end and was switched on at 11:55.	
f) Dohazari- sikalbaha line -2 tripped at 11:55 from both end and was switched on at 12:16.	
g) Mymensing - Kishorgonj line -1 tripped at 13:40 from Mymensing end showing distance C and was switched on at 13:45.	
h) Madanhat - Sikalbaha 132 KV ckt -1 was under shut down from 15:23 to 16:46 due to red hot maintenance.	
i) TK Chemical - Sikalbaha 132 KV line tripped at 15:34 due to E/F showing O/C relay at TK Chemical end and was switched on at 19:05.	
j) Halishar - Jhulda 132 KV tripped at 15:34 showing O/C relay at Halishar end and was switched on at 15:50.	
k) Sikalbaha -Bakulia 132 KV ckt-2 tripped at 15:37 showing relays A,B & C at Bakulia end and was switched on at 16:10.	
l) Haripur - Maniknagar 132 KV line-1 was under shut down from 06:06 to 18:14 due to project work.	
m) Siddirganj - Ullon 132 KV line -1 was under shut down from 06:08 to 20:48 due to project work.	Power Interruption (about 38 MW) occurred under Joydevpur S/S areas from 10:53 to 11:25.
n) Joydevpur - Ghorashal 132 KV line-1(at Joydevpur end) and line-2 (at Ghorashal end) tripped at 10:53 showing ATR & main protection . Line-1 was switched on at 11:01 & Line-1 was switched on at 11:01.	
o) Joydevpur 132/33 KV X-former T2 was under shut down from 10:18 to 16:26 due to auxiliary supply connection.	No Power Interruption.
p) Ashuganj 132/33 KV X-former T4 tripped at 19:10 showing differential relay and was switched on at 00:23(28/07/2010).	Power Interruption (about 24 MW) occurred under Ashuganj S/S areas from 19:10 to 00:23(28/07/2010).
	Due to generation shortage, about 80 MW (09:00) of load shed has been running since morning (28/07/10) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division



Deputy General Manager  
Load Despatch Circle