

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 : 29-Jul-10
on 14-Apr-10

The Summary of Yesterday's (28-Jul-10) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation	:	3875.0	MW	Hour	:	12:00	Min Gen. at	7:00 3942 MW
Evening Peak Generation	:	4251.5	MW	Hour	:	21:00	Max Generation	: 4116 MW
E.P. Demand (at gen end)	:	4900.0	MW	Hour	:	21:00	Max Demand	: 5050 MW
Maximum Generation	:	4268.5	MW	Hour	:	23:00	Shortage	: 934 MW
Total Gen. (MKWH)	:	94.74	System L/ Factor	:		85.41%	Load Shed	: 802 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	550	MW	at	3:00	Energy	12405000	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-Jul-10								
Actual	:	96.45	Ft.(MSL)	Rule curve	:	88.49	Ft.(MSL)	

Gas Consumed : Total 822.42 MMCFt. Oil Consumed (PDB) :
HSD : 1579399 Liter
FO : 0 Liter

Cost of the Consumed Fuel (PDB) : Gas : Tk60,785,062 Oil : Tk63,175,962 Total : #####

Load Shedding & Other Information

Area	Yesterday		Today		
			Estimated Demand(s/s end)	Estimated Shedding (s/s e	Rates of Shedding
	MW		from tðMW	MW	(On Estimated Demand)
Dhaka	220	(18:45-05:55 gen. shortage)	1882	317	17%
Chittagong Area	78	(18:45-05:50 gen. shortage)	530	116	22%
Khulna Area	71	(18:45-05:45 gen. shortage)	473	103	22%
Rajshahi Area	70	(18:45-05:40 gen. shortage)	390	85	22%
Comilla Area	41	(18:45-05:40 gen. shortage)	305	68	22%
Mymensing Area	40	(18:45-05:35 gen. shortage)	215	48	22%
Sylhet Area	-	0	241	-	-
Barisal Area	10	(18:45-05:45 gen. shortage)	92	21	23%
Rangpur Area	26	(18:45-05:40 gen. shortage)	205	44	21%
Total	556	21:00	4333	802	

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 -1 (28/07/10)
	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 556 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) Raozan #2 was synchronized at 17:42.	
d) Raozan #1 was shut down at 20:41 due to maintenance .	
e) Sikalbaha 60 MW was synchronized at 18:43 and tripped at 19:31 due to vacuum failure. It was again synchronized at 21:03.	
f) Barapukuria #1 was shut down at 23:58 for 4 days due to coal mill maintenance.	Power Interruption (about 28 MW) occurred under Cox's Bazar S/S areas from 11:20 to 11:55.
g) Dohazari - Cox's Bazar 132 KV line-1 & line-2 tripped at 11:20 from both end and line-1 was switched on at 11:55 . Line-2 is now under shut down for inspection.	
h) Meghnaghat-Comilla (North) 230 KV line-1 tripped at 11:58 showing distance relay and was switched on at 12:07.	Due to generation shortage, about 150 MW (09:00) of load shed has been running since morning (29/07/10) 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