

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

OF-LDC-08
Page -1

Till now the maximum generation is :-

6350 MW at

21:00

Hrs

Reporting Date : 7-Jan-13
on 4-Aug-12

The Summary of Yesterday's (6-Jan-13) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation	:	3643.0	MW	Hour	:	9:00	Min. Gen. at	4:00	2684 MW
Evening Peak Generation	:	4529.0	MW	Hour	:	19:00	Max Generation	:	4592 MW
E.P. Demand (at gen end)	:	5000.0	MW	Hour	:	19:00	Max Demand	:	5050 MW
Maximum Generation	:	4529.0	MW	Hour	:	19:00	Shortage	:	458 MW
Total Gen. (MKWH)	:	84.42	System L/ Factor	:		85.43%	Load Shed	:	421 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum		560	MW	at	8:00	Energy	10.807	MKWHR.
Import from West grid to East grid :- Maximum		-	MW	at	-	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on		7-Jan-13						
Actual	:	101.96	Ft.(MSL)	Rule curve	:	101.86	Ft.(MSL)	

Gas Consumed	Total	705.12	MMCFD.	Oil Consumed (PDB)	:	HSD	:	Liter
						FO	:	Liter
Cost of the Consumed Fuel (PDB+Pvt) :		Gas	:	Tk56,306,645				
		Coal	:	Tk21,500,773		Oil	:	Tk82,930,039
				Total	:	Tk160,737,457		

Load Shedding & Other Information

Area	Yesterday		Estimated Demand(s/s end)		Today		Rates of Shedding (On Estimated Demand)
	MW		from	to/MW	Estimated Shedding (s/s end)	MW	
Dhaka	185	(18:00-22:00)		1843	138		7%
Chittagong Area	54	(18:00-22:00)		499	52		10%
Khulna Area	60	(18:00-22:00)		563	59		10%
Rajshahi Area	43	(18:00-22:00)		506	53		10%
Cornilla Area	32	(18:00-22:00)		336	35		10%
Mymensing Area	20	(18:00-22:00)		260	27		10%
Sylhet Area	10	(18:00-22:00)		261	19		7%
Barisal Area	6	(18:00-22:00)		110	11		10%
Rangpur Area	20	(18:00-22:00)		261	27		10%
Total	430	19:00		4639	421		

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	2) Ashuganj-2(25/12/12)
3) Sikalbaha-60 MW(2/7/12)	3) Khulna-60 MW(24/1/12)
	4) Shahjibazar #5 & 6(21/7/11)
	5) Sikalbaha GT(16/9/12)
	6) Khulna-110 MW(21/6/12)
	7) WMPL #1(1/5/12)
	8) Raozan #2 (8/8/12)
	9) Raozan #1(8/9/12)
	10) Ghorasal-5(29/11/12).
	11) Ghorasal #4(21/11/12)
	12) Ashuganj-1(29/12/12)
	13) B.Pukuria-2(7/1/13)
	14) Ashuganj-4(7/1/13)

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 430 MW (19:00) of load shed was imposed over the whole areas of the national grid .
b) Fenchuganj-Fenchuganj PS 132kV Ckt-1 was under shut down from 09:14 to due to A/M.	
c) Kabirpur 132/33 kV T3 & T1 transformers were under shut down from 08:58 to 09:55,13:05 respectively due to PBS's maintenance work.	Power interruption occurred (about 26 MW) under Kabirpur S/S area from 08:58 to 09:55.
d) Kabirpur 132/33 kV T2 & T3 transformers tripped at 11:02 showing O/C relay and were switched on at 14:20, 12:40 respectively.	Power interruption occurred (about 55 MW) under Kabirpur S/S area from 11:02 to 12:40.
e) Faridpur-Bheramara 132kV Ckt-2 was under shut down from 09:45 to 11:10 due to A/M.	
f) Rangpur-Rangpur PS 132 kV line was shut down at 10:40 due to over hauling to be done by Rangpur 20 MW P.S.	
g) Kamrangirchar-Kalyanpur 132kV line tripped at 13:21 from both end showing dist.A, main protection trip relays at Kalyanpur end & dist.Z1 at Kamrangirchar end. At the same time Kalyanpur-Hasnabad-Shyampur 132kV line also tripped from Kalyanpur end showing back up protection trip, inst.trip relays. At this time Kamrangirchar 132/33 kV T1 & T2 transformer tripped without showing any relay. Lines were switched on at 13:49, 13:45 respectively and transformers were switched on at 13:45.	Power interruption occurred (about 30 MW) under Kamrangirchar S/S area from 13:21 to 13:45.
h) Tongi 132kV bus-1 was under shut down from 16:17 to 17:50 due to red hot maintenance.	
i) Ashuganj #4 was emergency shut down at 00:34(7/1/13) due to connect at DC bus.	
j) B.Pukuria #2 was shut down at 00:46(7/1/13) due to condenser maintenance.	
k) Tongi-Ghorasal 230kV Ckt-1 tripped at 04:15(7/1/13) from Ghorasal end showing L8B R-phase relay and was switched on at 04:51(7/1/12).	
Deputy / Asstt. Manager Network Operation Division	Manager Network Operation Division
	Deputy General Manager Load Despatch Circle