

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 :-				5174.5 MW/at		4:00		Hrs		Reporting Date : 29-Aug-11	
The Summary of Yesterday's (28-Aug-11) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :		4394.0		MW		Hour :		12:00		Min. Gen. at 7:00 4072 MW	
Evening Peak Generation :		5132.0		MW		Hour :		21:00		Max Generation : 5040 MW	
E.P. Demand (at gen end) :		5400.0		MW		Hour :		21:00		Max Demand : 5550 MW	
Maximum Generation :		5135.0		MW		Hour :		24:00		Shortage : 510 MW	
Total Gen. (MKWH) :		108.56		System L/ Factor :		85.41%		Load Shed		: 446 MW	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR											
Export from East grid to West grid :- Maximum				640		MW		at 5:00		Energy 12.857 MKWHR.	
Import from West grid to East grid :- Maximum				-		MW		at -		Energy - MKWHR.	
Water Level of Kaptai Lake at 6:00 A M on								29-Aug-11			
Actual :		103.06		Ft.(MSL) ,		Rule curve :		98.01		Ft.(MSL)	
Gas Consumed :		Total		790.59		MMCFD.		Oil Consumed (PDB) :			
										HSD : Liter	
										FO : Liter	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :		Tk63,131,766							
		Coal :		Tk8,206,835		Oil :		Tk232,537,366		Total : Tk303,875,967	

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from 10:00	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	76	(18:40:00:40)	1920	162	8%
Chittagong Area	46	(18:40:00:05)	515	52	10%
Khulna Area	26	(18:40:23:55)	580	59	10%
Rajshahi Area	18	(18:40:00:40)	522	53	10%
Comilla Area	21	(18:40:00:40)	385	40	10%
Mymensing Area	16	(18:40:00:40)	282	27	10%
Sylhet Area	13	(18:40:00:40)	270	16	6%
Barisal Area	4	(18:40:23:55)	92	9	10%
Rangpur Area	14	(18:40:00:40)	290	28	10%
Total	234	21:00	4856	446	

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-1(09/11/10)
3) Siddirganj GT-1 (18/06/10)	3) Raozan-2 (26/03/11)
4) Ashuganj-4(12/09/10)	4) WMPL #2(1/8/11)
5) Kaptai #3 (1/12/10)	5) Bhola RPP (18/7/11)
	6) Siddhirganj ST 210 MW (1/8/11)
	7) Sylhet-20(26/7/11)
	8) WMPL #1(21/7/11)
	9) Ashuganj #2(29/7/11)
	10) Sikalbaha GT 150 MW (13/7/11)
	11) Sikalbaha ST(21/8/11)
	12) Shahjibazar #5 & 6(21/7/11)

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 234 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure Raozan 210 MW and RPCL 210 MW were limited to 140 MW and 143 MW respectively.	
c) Maniknagar 132/33 kV T-2 transformer tripped at 08:05 showing diff. relay and was switched on at 12:18.	
d) Comilla (N)-Hathazari 230 kV Ckt-2 tripped at 12:26 from both end showing E/F relay at Comilla end & Gen trip, Gen start relay at Hathazari end and was switched on at 12:48.	
e) Ghorasal-Ishurdi 230 kV Ckt-1 tripped at 12:42 from both end showing Dy-RST,PTAW relay at Ghorasal end & dist. protection relay at Ishurdi end and was switched on at 13:15. It again tripped at 13:15 showing dist. relay and was switched on at 18:05.	
f) Baghabari 71 MW & 100 MW tripped at 19:43 due to gas booster trip and were synchronized at 20:19 & 20:40 respectively.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle