

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 :-		6350 MW at		21:00	Hrs	on 4-Aug-12	
The Summary of Yesterday's (1-Jan-13) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3712.0	MW	Hour :	9:00	Min. Gen. at	5:00	2678 MW
Evening Peak Generation :	4616.0	MW	Hour :	19:00	Max Generation :		4663 MW
E.P. Demand (at gen end) :	5100.0	MW	Hour :	19:00	Max Demand :		5150 MW
Maximum Generation :	4616.0	MW	Hour :	19:00	Shortage :		487 MW
Total Gen. (MKWH) :	86.16	System L/ Factor :		85.60%	Load Shed :		452 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :- Maximum		560		MW	at	8:00	Energy 10.266 MKWHR.
Import from West grid to East grid :- Maximum		-		MW	at	-	Energy - MKWHR.
Water Level of Kaptai Lake at 6:00 A M on				2-Jan-13			
Actual :	102.32	Ft.(MSL) ,	Rule curve :		102.81	Ft.(MSL)	
Gas Consumed : Total		729.90	MMCFD.		Oil Consumed (PDB) :		
					HSD :		Liter
					FO :		Liter
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk58,285,427				
		Coal :	Tk21,217,873		Oil :	Tk70,715,120	Total : Tk150,218,421

Load Shedding & Other Information

Area	Yesterday		Today	
	MW	Estimated Demand(s/s end) from 10MW	Estimated Shedding (s/s e) MW	Rates of Shedding (On Estimated Demand)
Dhaka	180 (10:00-12:00 & 18:00-22:00)	1905	137	7%
Chittagong Area	54 (10:00-12:00 & 18:00-22:00)	518	59	11%
Khulna Area	56 (10:00-12:00 & 18:00-22:00)	560	63	11%
Rajshahi Area	52 (10:00-12:00 & 18:00-22:00)	525	60	11%
Comilla Area	38 (10:00-12:00 & 18:00-22:00)	349	40	11%
Mymensing Area	30 (10:00-12:00 & 18:00-22:00)	269	30	11%
Sylhet Area	- 0:00	266	19	7%
Barisal Area	10 (10:00-12:00 & 18:00-22:00)	114	13	11%
Rangpur Area	26 (10:00-12:00 & 18:00-22:00)	271	31	11%
Total	446 19:00	4777	452	

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) Baghabari GT2(21/1/13)
	13) Ashuganj-1(29/12/12)

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 446 MW (19:00) of load shed was imposed over the whole areas(except Sylhet) of the national grid .
b) Hathazari-Kaptai 132kV Ckt-2 was under shut down from 08:27 to 16:12 due to A/M.	
c) Comilla(N)-Chandpur 132kV line was under shut down from 08:41 to 15:50 due to A/M.	
d) Kishoreganj-Mymensingh 132kV Ckt-1 was under shut down from 09:30 to 17:26 due to A/M.	Power interruption occurred (about 108 MW) from 20:18 to 20:22 & (about 60 MW) from 20:22 to 20:45 under Kalyanpur S/S area
e) Fenchuganj-Srimangal 132kV Ckt-1 was under shut down from 09:35 to 15:20 due to A/M.	
f) Dohazari-Sikalbaha 132kV Ckt-2 was under shut down from 09:50 to 17:06 due to A/M.	
g) Hasnabad 230/132kV Tr-2 auto transformer was under shut down from 09:55 to 16:20 due to A/M.	Power interruption occurred (about 111 MW) from 22:15 to 22:17 & (about 60 MW) from 22:17: to 22:27 under Kalyanpur S/S area
h) Kalyanpur 132/33 kV T-1, T-2 & T-3 transformers tripped at 20:18 showing PRD, WTA, buchholz relay, low oil alarm,OLTC surge trip at T-1, oil temperature alarm,OLTC surge trip, buchholz relay, backup alarm at T-2 & O/L trip at T-3 and T-1,2 were switched on at 20:45, T-3 was switched on at 20:22. At the same time Kalyanpur-Kamrangirchar Ckt & Hasnabad-Kamrangirchar Ckt also tripped and Kalyanpur-Kamrangirchar Ckt was switched on at 20:35 & Hasnabad-Kamrangirchar Ckt was under inspection.	
i) Kamrangirchar-Kalyanpur 132kV line tripped at 22:15 from Kalyanpur end showing SOTF relay and was switched on at 22:32. At the same time 132/33kV T1, T2 & T3 transformers also tripped showing PRD, WTA relays at T1, OLTC relay at T2 & O/L trip at T3 and were switched on at 22:27, 22:27, 22:17 respectively.	
j) Baghabari 100MW tripped at 06:40(21/1/13) due to unit transformer trip.	
Deputy / Asstt. Manager Network Operation Division	Manager Network Operation Division
	Deputy General Manager Load Despatch Circle