

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	Reporting Date : 23-Dec-12	
						on 4-Aug-12	
The Summary of Yesterday's (22-Dec-12) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	3519.0	MW	Hour :	12:00	Min. Gen. at	5:00	2593 MW
Evening Peak Generation :	4542.0	MW	Hour :	19:30	Max Generation :		4643 MW
E.P. Demand (at gen end) :	5000.0	MW	Hour :	19:30	Max Demand :		5100 MW
Maximum Generation :	4542.0	MW	Hour :	19:30	Shortage :		457 MW
Total Gen. (MKWH) :	82.22		System L Factor :	83.35%	Load Shed :		415 MW
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :- Maximum		520		MW at	13:00	Energy	9.327 MKWHR.
Import from West grid to East grid :- Maximum		-		MW at	-	Energy	- MKWHR.
Water Level of Kaptai Lake at 6:00 A M on				23-Dec-12			
Actual :	103.30	Ft.(MSL) ,		Rule curve :	103.90	Ft.(MSL)	
Gas Consumed : Total		685.39	MMCFD.		Oil Consumed (PDB) :		
					HSD : Liter		
					FO : Liter		
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk54,731,126				
		Coal :	Tk20,322,007		Oil :	Tk80,547,269	Total : Tk155,600,402

Load Shedding & Other Information

Area	Yesterday		Today	
	MW	Estimated Demand(s/s end)	Estimated Shedding (s/s end)	Rates of Shedding (On Estimated Demand)
Dhaka	133 (18:00-22:00)	1865	138	7%
Chittagong Area	54 (18:00-22:00)	510	53	10%
Khulna Area	52 (18:00-22:00)	540	55	10%
Rajshahi Area	43 (18:00-22:00)	505	52	10%
Cornilla Area	36 (18:00-22:00)	336	35	10%
Mymensing Area	30 (18:00-22:00)	249	26	10%
Sylhet Area	23 (18:00-22:00)	260	18	7%
Barisal Area	11 (18:00-22:00)	110	11	10%
Rangpur Area	30 (18:00-22:00)	261	27	10%
Total	412 19:30	4636	415	

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) Kaptai #3 (1/12/10)	3) Khulna-60 MW(24/1/12)
4) Sikalbaha-60 MW(27/12)	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-71 MW(20/12/12)
	13) Chandpur-150 MW(21/12/12)

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 412 MW (19:30) of load shed was imposed over the whole areas of the national grid .
b) Ashuganj-Ghorasal 230kV Ckt-1 was under shut down from 08:37 to 14:49 due to CB maint. at Ashuganj end.	
c) Purbasadipur-Thakurgaon 132kV Ckt-2 was under shut down from 08:44 to 16:13 due to A/M.	
d) Kaptai-Hathazari 132kV Ckt-2 was under shut down from 08:48 to 16:36 due to A/M.	Power interruption occurred (about 10 MW) under Shyampur S/S area from 09:35 to 18:28.
e) Gulshan 132/33kV T2 transformer was under shut down from 09:10 to 16:58 due to A/M.	
f) Chandpur-Chowmohani 132kV Ckt-1 was under shut down from 09:11 to 16:05 due to A/M.	
g) Sylhet-Chattak 132kV Ckt-1 was under shut down from 09:12 to 15:433 due to A/M.	Power interruption occurred (about 08 MW) under Khulna (C) S/S area from 11:38 to 11:48.
h) Shyampur-Haripur 132kV line was under shut down from 09:13 to 17:17 due to A/M.	
i) Halishahar 132/33kV T1 transformer was under shut down from 09:20 to 14:30 due to A/M.	
j) Saidpur-B.Pukuria 132kV Ckt-1 was under shut down from 09:20 to 14:30 due to A/M.	Power interruption occurred (about 60 MW) under Kabirpur S/S area from 14:30 to 14:35.
k) Aminbazar-Hasnabad 230kV Ckt-2 was under shut down from 09:20 to 13:26 due to A/M.	
l) Kalyanpur 132/33kV T2 transformer was under shut down from 09:21 to 20:15 due to A/M.	
m) Aminbazar-Savar 132kV Ckt-1 was under shut down from 09:22 to 16:43 due to A/M.	Power interruption occurred (about 40 MW) under Kalyanpur S/S area from 15:18 to 15:37.
n) Shyampur 132/33 kV T3 & T4 transformer was under shut down from 09:35 to 18:28 due to A/M.	
o) Kabirpur 132/33kV T2 transformer was under shut down from 10:05 to 16:27 due to A/M.	
p) Bogra-Sirajganj 230kV Ckt-1 was under shut down from 10:08 to 16:28 due to A/M.	
q) Mymensing-Kishoreganj 132kV Ckt-1 was under shut down from 10:38 to 14:20 due to A/M.	
r) Khulna@ 132/33kV T1 transformer tripped at 11:38 showing LV inter tripping and was switched on at 11:48. At the same time 33kV bus section-1 also tripped and was switched on at 11:48.	
s) Hasnabad 230kV bus-2 was under shut down from 12:40 to 14:44 due to A/M.	
t) Hasnabad-Aminbazar 230kV Ckt-1 was under shut down from 13:34 to 16:34 due to A/M.	
u) Siddhirganj-Haripur 132kV Ckt-2 tripped at 13:45 from Siddhirganj end showing pole discrepancy relay and was switched on at 13:58.	
v) Kabirpur 132/33kV T3 transformer tripped at 14:30 showing O/C relay and was switched on at 14:35.	
w) Kalyanpur 132/33kV T1 transformer tripped at 15:18 showing pressure relief trip, winding temp. alarm, oil temp.alarm relay. At the same time Kalyanpur-Kamrangirchar 132kV line also tripped from Kamrangirchar end showing dist.A,Z1, main protection relay and were switched on at 15:37, 15:58 respectively.	
x) Madanganj-Madanganj RPP 132kV line tripped at 00:30(23/12/12) showing E/F relay.	
y) Ashuganj-Sirajganj 230kV Ckt-2 tripped at 02:00(23/12/12) from Ashuganj end showing AR block relay and was switched on 02:08(23/12/12).	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle