

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 : 21-Oct-12
on 4-Aug-12

The Summary of Yesterday's (20-Oct-12)		Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	4450.0	MW	Hour :	11:00	Min. Gen. at 7:00	4015	MW
Evening Peak Generation :	5533.0	MW	Hour :	21:00	Max Generation :	5646	MW
E.P. Demand (at gen end) :	6000.0	MW	Hour :	21:00	Max Demand :	5900	MW
Maximum Generation :	5533.0	MW	Hour :	21:00	Shortage :	254	MW
Total Gen. (MKWH) :	108.95	System L/ Factor :		91.85%	Load Shed :	231	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	570	MW	at 16:00	Energy	11.380	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on 21-Oct-12						
Actual : 108.30	Ft.(MSL) ,	Rule curve :	107.90	Ft.(MSL)		

Gas Consumed : Total	824.90	MMCFD.	Oil Consumed (PDB) :	HSD : Liter
				FO : Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas : Tk65,871,556	Coal : Tk18,907,482	Oil : Tk236,603,195	Total : Tk321,382,233
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Load Shedding & Other Information

Area	Yesterday		Today	
	MW	Estimated Demand(s/s end) from 10MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	174 (10:00-23:00)	2170	79	4%
Chittagong Area	49 (10:00-23:00)	570	31	5%
Khulna Area	55 (10:00-23:00)	642	33	5%
Rajshahi Area	48 (10:00-23:00)	546	28	5%
Cornilla Area	28 (10:00-23:00)	392	21	5%
Mymensing Area	28 (10:00-23:00)	322	17	5%
Sylhet Area	- 0:00	294	-	-
Barisal Area	10 (10:00-23:00)	124	6	5%
Rangpur Area	33 (10:00-23:00)	308	16	5%
Total	425 21:00	5368	231	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09) 2) Ghorasal 2(26/04/10) 3) Kaptai #3 (1/12/10) 4) Sikalbaha-60 MW(2/7/12)	1) Ghorasal 6(18/07/10) 9) Raozan #1(8/9/12) 2) Ashuganj-1(09/11/10) 10) Ashuganj CC GT2(13/9/12) 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)

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. b) Hasnabad-Kamrangirchar 132kV Ckt was under shut down from 08:40 to 13:07 due to development work. c) Shyampur-Keraniganj P/S 132kV Ckt was under shut down from 09:26 to 13:26 due to development work. d) Jessore 132/33kV T2 transformer was under shut down from 08:44 to 11:09 due to AM. e) Ashuganj-Kishoreganj 132kV Ckt-2 tripped at 10:13 from both end showing dist.C relay and was switched on at 10:29. f) Rajshahi 132/33kV T1 transformer tripped at 17:47 showing O/C, lock out relay and was switched on at 17:55 & again tripped that time showing same relay. T2 transformer was under shut down from 21:20 to 22:10 due to shift load of T1 transformer to T2. g) Hasnabad 230/132kV Tr-2 & Tr-3 auto transformers tripped at 15:48 showing master trip relay at Tr-2 & no relay at Tr-3 and were switched on at 16:15, 16:27 respectively. h) B-phase CT of Haripur 132kV main bus section-1 burst at 21:25 & Haripur 132kV bus tripped. At the same time Haripur NEPC, Haripur SBU, Siddhirganj Desh RPP, Dutch Bangla RPP, Meghnaghat IEL, Madanganj RPP also tripped and were synchronized at 12:28(21/10/12), 02:01(21/10/12, #1), 22:33, 22:33, 21:51, 23:37 respectively. Due to this tripping all 132kV lines & 230/132kV transformers connected with bus becomes dead and these are now under inspection & maintenance.	So about 425 MW (21:00) of load shed was imposed over the whole(except Sylhet) areas of the national grid . Power interruption occurred (about 17 MW) under Rajshahi S/S area from 17:47 to 21:20 & (about 47MW) from 21:20 to 22:10. Power interruption occurred (about 92 MW) under Siddhirganj S/S area from 21:23 to 22:20, (about 66MW) under Maniknagar from 21:25 to 22:37, (about 84MW) under Narinda from 21:25 to 22:45, (about 20MW) under Bangabhaban from 21:25 to 22:40,(about 22MW) under Madanganj from 21:25 to 22:54, (about 72MW) under Sitalakhya from 21:25 to 22:54, (about 21MW) under Matuail from 21:25 to 01:06(21/10/12), (about 32MW) under Munsiganj from 21:25 to 22:54.
Deputy / Asstt. Manager Network Operation Division	Manager Network Operation Division Deputy General Manager Load Despatch Circle