

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

OF-LDC-08
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Till now the maximum generation is :-

6065.5 MWat

19:30:00 PM Hrs

Reporting Date : 14-Apr-12
on 22-Mar-12

The Summary of Yesterday's (13-Apr-12)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3483.0	MW	Hour :	12:00	Min. Gen. at 6:00	3445	MW
Evening Peak Generation :	4496.0	MW	Hour :	20:00	Max Generation :	4372	MW
E.P. Demand (at gen end) :	5000.0	MW	Hour :	20:00	Max Demand :	5200	MW
Maximum Generation :	4496.0	MW	Hour :	20:00	Shortage :	828	MW
Total Gen. (MKWH) :	87.81	System L/ Factor :		85.41%	Load Shed :	731	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	900	MW	at 21:00	Energy	18.505	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on 14-Apr-12						
Actual :	76.13	Ft.(MSL) ,	Rule curve :	85.40	Ft.(MSL)	

Gas Consumed :	Total	843.78	MMCFD.	Oil Consumed (PDB) :		
				HSD :		Liter
				FO :		Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :		Tk67,379,200			
	Coal :		Tk5,048,190	Oil :	Tk24,283,120	Total : Tk96,710,510

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW		Estimated Demand(s/s end) from	Estimated Shedding (s/s e) MW	
Dhaka	136	18:25-23:51	1762	233	13%
Chittagong Area	65	18:25-00:51	490	90	18%
Khulna Area	67	18:25-00:45	505	93	18%
Rajshahi Area	53	18:25-00:45	550	100	18%
Cornilla Area	38	18:25-00:50	340	59	17%
Mymensing Area	28	18:25-23:40	308	56	18%
Sylhet Area	27	18:25-23:40	230	26	11%
Barisal Area	9	18:25-00:58	104	19	18%
Rangpur Area	22	18:25-23:01	301	55	18%
Total	445	20:00	4590	731	

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)	1) Ghorasal 6(18/07/10) 09) Khulna-110 MW(7/11/11) 2) Ashuganj-1(09/11/10) 10) Khulna-60 MW(24/1/12) 3) Raozan-1 (14/4/12) 11) Baghabari-71 MW(6/3/12) 4) WMPL #2(1/8/11) 12) B.Pukuria #2(8/4/12) 5) Bhoila RPP (18/7/11) 13) Ashuganj CCPP ST(9/4/12) 6) Siddhirganj ST 210 MW (1/8/11) 7) Sikalbaha ST 60 MW (20/03/12) 8) 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. b) Due to low gas pressure HPL 360 MW, Siddhirganj 210 MW, Tongi 150 MW were limited to 311 MW, 44 MW and 75 MW respectively. c) Kalyanpur 132/33kV T1 & T3 transformers were under shut down from 09:28 to 15:45 due to 33 kV bus sectionalized. d) Jamalpur 33kV bus was under shut down from 09:30 to 10:05 due to red hot maintenance. e) Ishurdi 132/33 kV transformer was under shut down from 10:06 to 11:13 due to jumper prob. f) Bheramara 132kV B-bus was under shut down from 10:03 to 10:58 due to red hot maintenance. g) Fenchuganj 132/33kV T1 transformer was under shut down from 11:40 to 15:39 due to oil leakage maintenance. h) Rangpur 132/33kV T2 transformer was under shut down from 10:30 to 11:05 due to OLTC oil top up. i) Sylhet 132/33kV T1 & T2 transformers were under shut down from 10:08 to 11:05 due to red hot maintenance. j) Raozan #2 was synchronized at 11:47 & #1 was shut down at 00:33(14/4/12) due to condenser tube leakage maintenance. k) Lalmonirhat-Rangpur 132kV Ckt-1 & 2 tripped at 23:20 from Rangpur end without showing any relay and was switched on at 23:35. l) Due to heavy rainfall & storm the following 132kV lines were tripped at 23:20: Lalmonirhat-Rangpur Ckt-1 & 2 from Rangpur end without showing any relay, Palashbari-Rangpur Ckt-1 & 2 from Palashbari end showing dist.Z2, AB relay, Rangpur-Saidpur Ckt-1 & 2 from Saidpur end showing dist.Z2, AB-phase relay, Rangpur-Barapukuria Ckt-1 & 2 from both end showing dist.Z2 relay and lines were switched on at 23:35, 23:30, 23:33, 23:48 respectively. m) Tongi GT tripped at 07:26(14/4/12) due to excitation problem & was synchronized at 10:50(14/4/12).	So about 445 MW (20:00) of load shed was imposed over the whole areas of the national grid . Power interruption occurred (about 30 MW) under Jamalpur S/S area from 09:30 to 10:05. Power interruption occurred (about 12 MW) under Ishurdi S/S area from 10:06 to 11:13. Power interruption occurred (about 14 MW) under Sylhet S/S area from 10:08 to 11:05.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle