

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

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Till now the maximum generation is :-

6065.5 MW at

19:30:00 PM Hrs

Reporting Date : 4-Jun-12
on 22-Mar-12

The Summary of Yesterday's (3-Jun-12)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	4181.0	MW	Hour : 11:00	Min. Gen. at 8:00	4282 MW
Evening Peak Generation :	5274.0	MW	Hour : 19:30	Max Generation :	5510 MW
E.P. Demand (at gen end) :	6200.0	MW	Hour : 19:30	Max Demand :	6600 MW
Maximum Generation :	5274.0	MW	Hour : 19:30	Shortage :	1090 MW
Total Gen. (MKWH) :	98.78	System L/ Factor :	85.41%	Load Shed :	998 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	780	MW	at 21:00	Energy	15.923 MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	- MKWHR.

Water Level of Kaptai Lake at 6:00 A M on

4-Jun-12

Actual :	77.86	Ft.(MSL) ,	Rule curve :	76.78	Ft.(MSL)
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Gas Consumed :	Total	854.79	MMCFD.	Oil Consumed (PDB) :	
				HSD :	Liter
				FO :	Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk68,258,392			
	Coal :	Tk17,445,807	Oil :	Tk158,555,309	Total : Tk244,259,508

Load Shedding & Other Information

Area	Yesterday		Estimated Demand(s/s end) from 10MW	Today	
	MW			Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	361	18:30-Till now	2400	336	14%
Chittagong Area	92	18:30-Till now	665	126	19%
Khulna Area	239	18:30-Till now	740	142	19%
Rajshahi Area	-	0	690	133	19%
Comilla Area	54	18:30-Till now	450	86	19%
Mymensing Area	-	0	340	66	19%
Sylhet Area	-	0	292	22	8%
Barisal Area	41	18:30-Till now	121	23	19%
Rangpur Area	-	0	345	64	19%
Total	787	19:30	6043	998	

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)	9) Ashuganj GT1 & ST(3/6/12)
3) Kaptai #3 (1/12/10)	2) Ashuganj-1(09/11/10)
4) Sikalbaha 60 MW(18/4/12)	10) Ghorasal-1(2/6/12)
5) Raozan #2 (15/5/12)	3) Khulna-60 MW(24/1/12)
	4) Shahjibazar #5 & 6(21/7/11)
	5) Barapukuria-1(4/6/12)
	6) Siddhirganj ST 210 MW (1/8/11)
	7) WMPL #1(1/5/12)
	8) Khulna 110 MW (18/5/12)

Additional Information of Machines. lines. Interruption / Forced Load shed etc.

Description	Forced load shaded / Interrupted Areas
<p>a) There was generation shortage in the evening peak hour yesterday.</p> <p>b) Due to low gas pressure HPL 360 MW, Raozan-380 MW,Tongi 150MW and Siddirganj-210 MW were limited to 321 MW, 160 MW, 90 MW and 85 MW respectively.</p> <p>c) Sikalbaha-Julda 132kV line tripped at 11:20 from both end showing dist.Z1 at Sikalbaha end & E/F relay at Julda end and was switched on at 11:54.</p> <p>d) Sikalbaha GT tripped at 11:20 due to voltage fluctuation and was synchronized at 14:07.</p> <p>e) Hathazari 230/132 kV Tr-04 transformer tripped at 11:22 showing lock out, O/C, E/F relays and was switched on at 11:37.</p> <p>f) Ashuganj #4 tripped at 13:18 due to F.D fan trip and was synchronized at 18:37.</p> <p>g) Kulshi-Baraulia 132kV Ckt-2 tripped at 14:40 from both end showing dist.C at Kulshi end & 67GR instant relay at Baraulia end and was switched on at 14:55.</p> <p>h) Sylhet 150 MW tripped at 14:56 due to internal problem.</p> <p>i) Ghorasal RPP 45MW tripped at 15:10 due to back feed failure and was synchronized at 15:30. It again tripped at 16:05 due to same reason and was synchronized at 16:28.</p> <p>j) Kushi-Abul Khair 132kV line tripped at 14:37 from Abul Khair end showing dist.Z1 relay and was switched on at 15:15.</p> <p>k) B.Pukuria #1 was forced shut down at 00:30 (4/6/12) due to super heater leakage.</p> <p>l) Jessore-Noapara 132kV Ckt-2 tripped at 03:33(4/6/12) from both end showing dist. relay and was switched on at 03:58(4/6/12). At the same time KPCL #1, Khulna RPP 40MW, Bheramara RPP also tripped and were synchronized at 03:38, 04:25, 04:05(4/6/12).</p> <p>m) Ghorasal-Ishurdi 230kV Ckt-2 tripped at 07:45 from both end showing DRST, dist.protection relay at Ghorasal end & TRS,PD3 relay at Ishurdi end.</p>	<p>So about 787 MW (19:30) of load shed was imposed over the whole areas (except-Rajshahi,Sylhet,Mymensing & Rangpur) of the national grid .</p> <p>Due to generation shortage, about 320 MW (09:00) of load shed has been running since morning (4/6/12) over the whole area (except-Sylhet & Mymensing) of the national grid.</p>

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle