

**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 : 18-May-12  
on 22-Mar-12

The Summary of Yesterday's ( 17-May-12 )		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	4193.0	MW	Hour : 9:00	Min. Gen. at 7:00	3716 MW
Evening Peak Generation :	4851.0	MW	Hour : 19:00	Max Generation :	5143 MW
E.P. Demand (at gen end) :	5100.0	MW	Hour : 19:00	Max Demand :	6000 MW
Maximum Generation :	4851.0	MW	Hour : 19:00	Shortage :	857 MW
Total Gen. (MKWH) :	100.97	System L/ Factor :	85.41%	Load Shed :	763 MW

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :- Maximum	790	MW	at 2:00	Energy	16.100	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.

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

18-May-12

Actual : 76.06 Ft.(MSL) ,

Rule curve : 78.77 Ft.(MSL)

Gas Consumed : Total	846.53	MMCFD.	Oil Consumed (PDB) :	HSD : Liter
				FO : Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk67,598,798	Oil :	Tk136,484,762	Total : Tk221,953,723
	Coal :	Tk17,870,163			

**Load Shedding & Other Information**

Area	Yesterday		Estimated Demand(s/s end) from to MW	Today	
	MW			Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	95	18:30-19:35	2058	252	12%
Chittagong Area	47	18:40-19:40	587	96	16%
Khulna Area	-	0	587	96	16%
Rajshahi Area	46	18:40-19:32	602	99	16%
Cornilla Area	34	18:40-19:40	394	65	16%
Mymensing Area	-	0	350	57	16%
Sylhet Area	-	0	300	22	7%
Barisal Area	-	0	122	20	16%
Rangpur Area	-	0	342	56	16%
<b>Total</b>	<b>222</b>	<b>19:00</b>	<b>5342</b>	<b>763</b>	

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) Raozan #1(17/5/12)
3) Kaptai #3 (1/12/10)	2) Ashuganj-1(09/11/10)
4) Sikailbaha 60 MW(18/4/12)	10) Ashuganj #2(17/5/12)
5) Raozan #2 (15/5/12)	3) Khulna-60 MW(24/1/12)
6) Haripur SBU-2(11/5/12)	4) Shahjibazar #5 & 6(21/7/11)
	5) Baghabari-71 MW(6/3/12)
	6) Siddhirganj ST 210 MW (1/8/11)
	7) WMPL #1(1/5/12)
	8) Ghorasal #3(12/5/12)

**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,Siddhirganj-210 MW and Tongi 105 MW were limited to 331 MW, 190 MW &amp; 70 MW respectively.</p> <p>c) Sylhet RPP(10 MW) &amp; (50 MW) tripped at 09:10 showing E/F relay and Sylhet (50 MW) was synchronized at 11:15.</p> <p>d) Sreemongal-Fenchuganj 132 kV Ckt-1 &amp; 2 tripped at 10:31 showing dist.B phase and was switched on at 10:44.</p> <p>e) Ashuganj-Kishorganj 132 kV Ckt-2 tripped at 12:15 showing dist.AB phase and was switched on at 12:26 and again tripped at 16:51 due to the same reason and was switched on at 17:18.</p> <p>f) Ghorasal RPP(45 MW) tripped at 13:54 due to auxiliary failure and was sync.at 14:37.</p> <p>g) Shikalbaha-150 MW was synchronized at 13:59.</p> <p>h) Ullon-Siddhirganj 132 kV Ckt-1 tripped at 17:41 showing dist. relay and was switched on at 19:48.</p> <p>i) Hasnabad 132/33 kv T6 transformer tripped at 20:05 showing differential relay and was switched on at 00:04(18/5/12).</p> <p>j) Raozan #1 was shut down at 15:48 due to gas limitation.</p> <p>k) Ashuganj #2 was forced shut down at 20:20 due to boiler tube leakage.</p> <p>l) Rajshahi-Natore 132 kV ckt-2 tripped at 03:15(18/5/12) showing dist.CE trip and was switched on at 04:10(18/5/12).</p> <p>m) Rajshahi-C.Nawabganj 132 kV Ckt-1 tripped at 03:15(18/5/12) showing E/F relay and was switched on at 04:22(18/5/12).</p> <p>n) Cox'bazar-Dohazari 132 kV Ckt-1 was shut down at 07:42(18/5/12) due to red hot maintenance</p>	<p>So about 222 MW (19:00) of load shed was imposed over the whole areas(except-Khulna, Barisal, Rangpur, Mymensing &amp; Sylhet) of the national grid .</p> <p>Due to generation shortage, about 79 MW (09:00) of load shed has been running since morning (18/5/12) over the whole area (except-Sylhet, Rajshahi, Rangpur &amp; Mymensing) of the national grid.</p>

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle