

**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 : 16-Apr-12  
on 22-Mar-12

The Summary of Yesterday's ( 15-Apr-12 )		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3923.0	MW	Hour :	12:00	Min. Gen. at 1:00	3435	MW
Evening Peak Generation :	4456.0	MW	Hour :	19:00	Max Generation :	4653	MW
E.P. Demand (at gen end) :	5000.0	MW	Hour :	19:00	Max Demand :	5500	MW
Maximum Generation :	4456.0	MW	Hour :	19:00	Shortage :	847	MW
Total Gen. (MKWH) :	91.72	System L/ Factor :		85.41%	Load Shed :	768	MW

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

Export from East grid to West grid :- Maximum	860	MW	at 5:00	Energy	18.126	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.

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

16-Apr-12

Actual : 76.27 Ft.(MSL) ,

Rule curve : 85.00 Ft.( MSL )

Gas Consumed : Total	832.30	MMCFD.	Oil Consumed (PDB) :			
			HSD :		Liter	
			FO :		Liter	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk66,462,476				
	Coal :	Tk4,963,584	Oil :	Tk50,000,255	Total :	Tk121,426,315

**Load Shedding & Other Information**

Area	Yesterday		Estimated Demand(s/s end) from 10MW	Estimated Shedding (s/s e) MW	Rates of Shedding (On Estimated Demand)
	MW				
Dhaka	176	18:20-02:51	1990	325	16%
Chittagong Area	111	18:20-03:09	530	86	16%
Khulna Area	75	18:20-03:10	538	88	16%
Rajshahi Area	48	18:20-00:54	580	90	16%
Cornilla Area	52	18:20-00:58	365	60	16%
Mymensing Area	-	0	310	38	12%
Sylhet Area	-	0	267	27	10%
Barisal Area	31	18:20-03:58	107	14	13%
Rangpur Area	-	0	300	40	13%
<b>Total</b>	<b>493</b>	<b>19:00</b>	<b>4987</b>	<b>768</b>	

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(24/11/12) 3) Raozan-1 (14/4/12) 4) WMPL #2(1/8/11) 5) Baghabari-71 MW(6/3/12) 6) Siddhirganj ST 210 MW (1/8/11) 7) Ashuganj CCPP ST(9/4/12) 8) Shahjibazar #5 & 6(21/7/11)

**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, Tongi 150 MW were limited to 346 MW, 132 MW and 90 MW respectively.</p> <p>c) Tongi-Kabirpur 132kV line-1 is under shut down since 10:50 due to breaker change at Kabirpur.</p> <p>d) Siddhirganj GT-1 was synchronized at 16:46.</p> <p>e) Bogra-Naogaon 132kV Ckt-1 &amp; 2 tripped at 19:15 showing dist.Z1,E/F relay at Ckt-1 &amp; dist.Z2 relay at Ckt-2 and was switched on at 19:32.</p> <p>f) Aminbazar-Mirpur 132kV Ckt-2 tripped at 19:55 from both end showing RST dist. Relay and was switched on at 20:42.</p> <p>g) Due to heavy rainfall &amp; storm the following 132kV lines &amp; machines were tripped at 19:20: Kishoreganj-Mymensing Ckt-1 &amp; 2 , Mymensing-Jamalpur Ckt-1 &amp; 2, Mymensing-RPCL Ckt-1 &amp; 2 and RPCL GT-1,2,3,4. The lines were switched on at 01:05,01:03,01:12,01:13,01:15,01:16,22:28 respectively &amp; Mymensing-RPCL Ckt-2 is under shut due to breaker damage at Mymensing end. RPCL GT-1,2 were synchronized at 01:22, 01:25(16/4/12) respectively.</p> <p>h) Rampura-Ullon Ckt-1 tripped at 20:17 from Rampura end showing dist.Z2 relay and was switched on at 20:28.</p> <p>i) Haripur-Shyampur 132kV line tripped at 20:22 from both end showing dist.Z1, Z2 relay and was switched on at 20:48.</p> <p>j) Sitalakhya-Madanganj &amp; Sitalakhya-Hasnabad 132kV line tripped at 20:21 from Sitalakhya end showing dist. &amp; E/F relay and was switched on at 20:31.</p> <p>k) Siddhirganj-Maniknagar 132kV Ckt-1 tripped at 20:17 from both end showing dist. Z1 &amp; E/F relay and was switched on at 20:55.</p> <p>l) Siddhirganj-Siddhirganj GT 132kV Ckt-1 &amp; 2 tripped at 20:17. At the same time GT-1 &amp; 2 also tripped and lines were switched on at 20:37 &amp; machines were synchronized at 00:01,22:03(16/4/12) respectively. GT-1 was shut down at 08:26(16/4/12).</p> <p>m) Haripur AES 360MW was forced shut down at 22:24 due to servo valve maintenance and GT was synchronized at 03:01 &amp; ST was synchronized at 04:36.</p>	<p>So about 493 MW (19:00) of load shed was imposed over the whole areas(except Sylhet, Mymensing &amp; Rangpur) of the national grid .</p> <p>Power interruption occurred (about 68 MW) under Sitalakhya S/S areas from 20:21 to 20:31.</p> <p>Due to generation shortage, about 132 MW (09:00) of load shed has been running since morning (16/04/12) over the whole area (except Sylhet, Mymensing &amp; Rangpur) of the national grid.</p>

Deputy / Asstt. Manager  
Network Operation Division

Manager  
Network Operation Division

Deputy General Manager  
Load Despatch Circle