

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

The Summary of Yesterday's ( 21-Apr-12 )		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	3853.0	MW	Hour :	11:00	Min. Gen. at 8:00	4126	MW
Evening Peak Generation :	4739.0	MW	Hour :	21:00	Max Generation :	4986	MW
E.P. Demand (at gen end) :	5200.0	MW	Hour :	21:00	Max Demand :	5900	MW
Maximum Generation :	4740.0	MW	Hour :	22:00	Shortage :	914	MW
Total Gen. (MKWH) :	97.01	System L/ Factor :		85.41%	Load Shed :	818	MW

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

Export from East grid to West grid :- Maximum	960	MW	at 19:30	Energy	19.506	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on 22-Apr-12						
Actual : 76.41	Ft.(MSL) ,	Rule curve :	83.80	Ft.( MSL )		

Gas Consumed : Total	877.57	MMCFD.	Oil Consumed (PDB) :	HSD : Liter
				FO : Liter
Cost of the Consumed Fuel (PDB+Pvt) : Gas : Tk70,077,466				
	Coal : Tk10,970,645	Oil : Tk113,871,465	Total : Tk194,919,575	

**Load Shedding & Other Information**

Area	Yesterday		Estimated Demand(s/s end) from to MW	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
	MW				
Dhaka	134	18:25-01:30	2020	267	13%
Chittagong Area	46	18:25-01:50	580	106	18%
Khulna Area	76	18:25-Till now	580	104	18%
Rajshahi Area	46	18:25-Till now	630	113	18%
Cornilla Area	26	18:25-01:50	390	63	16%
Mymensing Area	21	18:25-22:05	345	59	17%
Sylhet Area	-	0	280	29	10%
Barisal Area	22	18:25-Till now	115	16	14%
Rangpur Area	41	18:25-Till now	338	61	18%
<b>Total</b>	<b>412</b>	<b>21:00</b>	<b>5278</b>	<b>818</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) Ashuganj CCPP GT2(18/4/12) 3) Khulna-60 MW(24/1/12) 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 Siddhirganj 210 MW &amp; Tongi 105 MW were limited to 112 MW 90 MW respectively.</p> <p>c) Siddhirganj-Maniknagar 132kV Ckt-2 was under shut down from 09:10 to 09:36 due to remove nest.</p> <p>d) Daudkandi-Megnaghat 132kV Ckt-2 was under shut down from 10:01 to 13:29 due to dead line checking.</p> <p>e) Shahjibazar-Srimangal 132kV Ckt-1 was under shut down from 12:45 to 13:44 due to remove tree form line.</p> <p>f) After replacing breaker RPCL-Mymensing 132kV Ckt-2 was switched on at 16:43.</p> <p>g) Daudkandi-Megnaghat 132kV Ckt-2 tripped at 14:15 from Daudkandi end showing dist.AB,O/C relays and was switched on at 14:27.</p> <p>h) Siddhirganj-Ullon 132kV Ckt-1 was under shut down from 16:40 to 00:57(22/4/12) due to project work.</p> <p>i) Sitalakhya-Hasnabad 132kV line tripped at 19:38 from Hasnabad end showing main prot. Lock out relay and was switched on at 19:54.</p> <p>j) Sitalakhya-Madanganj 132kV line tripped at 19:38 from Madanganj end showing dist. C phase relay and was switched on at 19:54.</p> <p>k) Tongi 230/132kV Tr-2 transformer tripped at 17:58 showing diff. relay and was switched on at 20:26.</p> <p>l) Ashuganj #4 tripped at 18:54 due to FD fan trip and was synchronized at 00:40(22/4/12).</p> <p>m) Siddhirganj 132/33 kV T2 transformer was under shut down from 23:40 to 00:23(22/4/12) due to red hot maintenance.</p> <p>n) Ashuganj 128 MW #2 tripped at 04:50(22/4/12) due to boiler problem.</p> <p>o) Shahjibazar GT-8 was shut down from 05:21(22/4/12) due to emergency maintenance.</p>	<p>So about 412 MW (21:00) of load shed was imposed over the whole areas(except Sylhet) of the national grid .</p> <p>Power interruption occurred (about 50 MW) under Sitalakhya S/S areas from 19:38 to 19:54..</p> <p>Due to generation shortage, about 226 MW (09:00) of load shed has been running since morning (22/04/12) over the whole area (except Sylhet &amp; Mymensing) of the national grid.</p>
Deputy / Asstt. Manager Network Operation Division	Manager Network Operation Division
	Deputy General Manager Load Despatch Circle