

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 MW		at 19:30:00 PM		Hrs		Reporting Date : 26-Apr-12	
The Summary of Yesterday's (25-Apr-12) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation	:	4124.0	MW	Hour :	11:00	Min. Gen. at	4:00	3471	MW	
Evening Peak Generation	:	4899.0	MW	Hour :	19:00	Max Generation	:	5074	MW	
E.P. Demand (at gen end)	:	5200.0	MW	Hour :	19:00	Max Demand	:	5800	MW	
Maximum Generation	:	4899.0	MW	Hour :	19:00	Shortage	:	726	MW	
Total Gen. (MKWH)	:	96.75	System L/ Factor	:	85.41%	Load Shed	:	649	MW	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR										
Export from East grid to West grid :- Maximum			800		MW	at	2:00	Energy	17.747	MKWHR.
Import from West grid to East grid :- Maximum			-		MW	at	-	Energy	-	MKWHR.
Actual :			75.23		Water Level of Kaptai Lake at 6:00 A M on			26-Apr-12		
Ft.(MSL) ,					Rule curve :			83.00 Ft.(MSL)		
Gas Consumed : Total			806.24		MMCFD.		Oil Consumed (PDB) :			
							HSD :		Liter	
							FO :		Liter	
Cost of the Consumed Fuel (PDB+Pvt)			Gas :		Tk64,381,481					
			Coal :		Tk18,530,279		Oil :		Tk114,021,052 Total : Tk196,932,812	

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW		Estimated Demand(s/s end) from	Estimated Shedding (s/s end) MW	
Dhaka	121	18:30-20:00	1985	203	10%
Chittagong Area	50	18:30-20:00	563	80	14%
Khulna Area	29	18:30-20:00	565	81	14%
Rajshahi Area	19	18:30-20:00	614	88	14%
Comilla Area	18	18:30-20:00	390	56	14%
Mymensing Area	-	0	338	48	14%
Sylhet Area	-	0	284	29	10%
Barisal Area	9	18:30-20:00	118	17	14%
Rangpur Area	23	18:30-20:00	329	47	14%
Total	269	19:00	5186	649	

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) 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 GT2(18/4/12) 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,Raozan 380 MW,Siddhirganj 210 MW & Tongi 105 MW were limited to 346 MW, 210 MW, 86 MW & 95 MW respectively.</p> <p>c) After maintenance Ashuganj #3 & 4 were synchronized at 08:17 & 08:59 respectively.</p> <p>d) Kabirpur-Joydevpur 132 kV Ckt-1 was under shut down from 08:25 to 13:22 due to A/M.</p> <p>e) Goalpara 132 kV Bus-B was shut down at 09:22 due to project work.</p> <p>f) Ashuganj CCPP GT1 was forced shut down at 13:20 due to cooling fan problem.</p> <p>g) B.Pukuria-Saidpur 132 kV Ckt-1 was shut down at 16:45 due to red hot maintenance at B.Pukuria end and was switched on at 18:30.</p> <p>h) Mymensing-Kishorganj 132 kV Ckt-2 tripped at 18:12 showing dist.C and was switched on at 18:16.</p> <p>i) Rampura-Bashundhara 132 kV Ckt-1 tripped at 19:40 showing main prot. At Rampura end & dist. BN,Zone-1 at Bashundhara end and was switched on at 20:47.</p> <p>j) Hasnabad-Kamrangirchar 132 kV Ckt tripped at 19:50 showing dist.A-phase and was switched on at 20:35.</p> <p>k) Kallyanpur-Kamrangirchar 132 kV Ckt tripped at 19:50 showing dist.A-phase,Zone-1 and was switched on at 20:43.</p> <p>l) Haripur-Maniknagar 132 kV Ckt-2 tripped at 20:04 showing dist.CN,Z1 at Haripur end & dist.C-phase,Z1 at Maniknagar end and was switched on at 20:43.</p> <p>m) Haripur-Shayampur 132 kV Ckt tripped at 20:25 showing dist.CN,Z2 at Haripur end & dist.C-phase at Shayampur end and was switched on at 20:45.</p> <p>n) Ullon-Rampura 132 kV Ckt tripped at 20:11 showing dist.A & Zone-1 and was switched on at 20:16.</p> <p>o) Ullon-Siddhirganj 132 kV Ckt tripped at 20:12 showing dist.A-phase & zone-1 and was switched on at 22:30.</p> <p>p) Jhenidah-Chuadanga 132 kV Ckt tripped at 20:05 showing dist.ABC and was switched on at 20:25.</p> <p>q) Baghabari WMPL #1 tripped at 19:01 showing E/F relay and was synchronized at 23:03.</p> <p>r) Siddhirganj peaking GT1 & GT2 tripped at 20:12 due to 132 kV Ckt trip and were synchronized at 20:34 & 20:20 respectively.</p> <p>s) Fenchuganj CCPP ST & GT4 tripped at 20:04 & 20:31 due to high frequency and #4 was synchronized at 09:30.</p> <p>t) Ashuganj-Comilla(N) 230 kV Ckt-2 tripped at 20:17 showing dist.RE,B-phase at Ashuganj end & dist.prot.trip at Comilla(N) end and was switched on at 22:41.</p> <p>u) Haripur SBU #1 & 2 tripped at 06:24 & 06:29(26/4/12) due to gas booster trip.</p>	<p>So about 269 MW (19:00) of load shed was imposed over the whole(except-Sylhet & Mymensing) areas of the national grid .</p> <p>Due to generation shortage, about 138 MW (09:00) of load shed has been running since morning (26/04/12) over the whole area (except Sylhet) of the national grid.</p>
Deputy / Asstt. Manager Network Operation Division	Manager Network Operation Division Deputy General Manager Load Despatch Circle