



CEMIG  
A Melhor Energia do Brasil.

Cemig : Growth and Prospects

Mr. Wilson Nelio Brumer

Chairman

Board of Directors

2

CEMIG  
A Melhor Energia do Brasil.

Disclaimer

- o Certain statements contained in this presentation are "Forward-Looking Statements" within the meaning of the US Securities Laws, and are thus prospective and subject to risks and uncertainties. "Forward-Looking Statements" are matters that are not historical facts and are beyond our control. For a discussion of risks and uncertainties as they relate to us, please refer to our 2002 Form 20F, and in particular Item 3 under "Key information - Risk Factors".

All figures comply with BRGAAP

3

CEMIG  
A Melhor Energia do Brasil.

Key Issues

## Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

Streamlined Operations

- o New Strategic Directives
- o Corporate Governance
- o Growth and Goals
- o Regulatory Review

All figures comply with BRGAAP

4 Streamlined Operations

CEMIG  
A Melhor Energia do Brasil.

Keys to our Success

- o Unchanged business focus
- o Low risk business model
- o Pursue financial strength
- o Careful evaluation of non-regulated business opportunities
- o Highest standards of Corporate Governance and integrity

All figures comply with BRGAAP

5 Streamlined Operations

Regulated business assets are the Major Part of CEMIG

-----

Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

CEMIG  
Compania Energetica de Minas Gerais

Electric Energy	Natural Gas Distribution	Telecommunications
<p>Non-regulated Investment R\$ 301 million</p>	<p>Investment R\$ 92 million GASMIG</p>	<p>Investment R\$ 250 million Empres Infovias</p>
<p>Sa Carvalho</p>		<p>W@y TV</p>
<p>Ipatinga</p>		
<p>Horizontes</p>		
<p>UTE Barreiro</p>		
<p>Cemig PCH</p>		
<p>Public Service PPE R\$ 7.322 million</p>		
<p>Power Plants</p>		
<p>Transmission Grid</p>		
<p>Distribution Network</p>		

- Cemig owns:
- o 100% of the electric energy
  - o 95% stake in Gasmig and
  - o 99% stake in Infovias

## Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

-----	
	Power Plants under Consortia
-	Investment
	R\$ 701 million
-----	

All figures comply with BRGAAP

6 Streamlined Operations

CEMIG  
A Melhor Energia do Brasil.

Minas Gerais State is the Majority Shareholder

[GRAPHIC SHOWING SHARE OWNERSHIP AS OF JUNE 30, 2003 OMITTED]

Outstanding shares	162,153,819,025
ON	70,874,167,923
PN	91,279,651,102
ADR (as of June 30th 2003)	

All figures comply with BRGAAP

7 Streamlined Operations

CEMIG  
A Melhor Energia do Brasil.

Cemig Has a Low-risk Business Structure

- o Cost-efficient generating assets
- o 98% hydropower plant park
- o Supply 60 % of the total client demand

- o Sizable transmission grid
- o Covers 100% of Minas Gerais
- o Installed transformation capacity of 15,163 MVA

## Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

- o High service continuity
  - o Lowest operating cost in the industry
  - o Sixth-largest generating capacity in Brazil
    - o Installed Capacity:  
5,742 MW, 7.01% market share
    - o Effective capacity:  
3,330 MW
    - o Transformer capacity:  
6,145 MVA
- o Transmission grid
  - o Largest electricity dis
  - o Supplies 96% of e
  - o 5.7 million clien
  - o Sales represent 1
  - o total electricity
  - o Distribution netw
  - o Subtransmis
  - o Urban and r
  - o grid: 334,

All figures comply with BRGAAP

### 8 Streamlined Operations

#### A Profitable Quarter

Values in million of Reais					
2003					
	Year to Date	2nd Q.	1st Q.	Year	Year to
Net Revenue	2,544	1,456	1,088	5,119	2,
Operating Expenses	(2,113)	(1,148)	(965)	(4,593)	(1,
EBIT	431	308	123	525	
EBITDA	712	449	263	1,076	
Financial Result	431	273	158	(616)	(
Non-Operating Result	(13)	(4)	(9)	(27)	
Extraordinary Loss	-	-	-	(1,045)	(1,
Income Tax, Social Contribution and Deferred Income Tax	(314)	(194)	(120)	(71)	

Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

Interest on Capital Reversal	-	-	-	220
Minority Interest	-	-	-	12
Net Income	535	383	152	(1,002)

All figures comply with BRGAAP

9 Streamlined Operations

CEMIG  
A Melhor Energia do Brasil.

Quarterly Retail Sales Decreased 2% YoY

- o Total quarterly retail sales dropped 2% YoY
- o Weak residential consumption:
  - Down 0.4% 2Q03 over 2Q02
  - Down 4.8% 2Q03 over 1Q03
- o YoY quarterly industrial consumption down 3.4% due to clients with power projects.

[BAR CHART SHOWING QUARTERLY RETAIL SALES FOR THE FIRST, SECOND, THIRD AND FOURTH QUARTERS OF 2002 AND THE FIRST AND SECOND QUARTERS OF 2003 OMITTED.]

[BAR CHART SHOWING QUARTERLY INDUSTRIAL CONSUMPTION FOR THE FIRST, SECOND, THIRD AND FOURTH QUARTERS OF 2002 AND THE FIRST AND SECOND QUARTERS OF 2003 OMITTED]

[BAR CHART SHOWING QUARTERLY RESIDENTIAL CONSUMPTION FOR THE FIRST, SECOND, THIRD AND FOURTH QUARTERS OF 2002 AND THE FIRST AND SECOND QUARTERS OF 2003 OMITTED.]

All figures comply with BRGAAP

10 Streamlined Operations

Cemig Has Extremely Solid Fundamentals

- o Strong cash flow
- o Low leverage

Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

- o Six-month EBITDA of R\$ 711 million
- o Six-month EBITDA margin up to 28%
- o Growing operating income: 18% up from R\$ 365 million
- o Debt-to-equity ratio
- o Debt maturity
  - o Short-term (12 R\$ 680 million)
  - o Long-term: R\$ 2,494 million

Debt	2003			2004	2005
	Paid	To Mature	TOTAL		
Foreign Currency	207,534	298,176	505,710	623,240	170,727
Local currency	113,937	74,853	188,790	151,615	626,358
Total	321,471	373,029	694,500	774,855	797,085

Values in R\$ thousand

All figures comply with BRGAAP

11 Streamlined Operations

Outstanding Debt as of June 30, 2003

[BAR CHART COMPARING EBITDA, DEBT AND NET REVENUE IN 1998, 1999, 2000, 2001, 2002 AND THE FIRST

The goals of the restructuring plan are to:

|  
| Ou



## Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

o Reduce FX debt					
o Extend the term of the local debt					R\$ mi
o Hedge short-term FX debt.					.
Ratios are in the historical levels:					
	Jun 03	Dec 03			
Net Debt/EBITDA:	2.8	1.5			--> US
EBITDA/Interest:	3.6	5.7			

All figures comply with BRGAAP

### 12 Streamlined Operations

#### Addressing Cash Flow Management

Liquidity is a concern:

	Description
<ul style="list-style-type: none"> <li>-- Short-term loans                             <ul style="list-style-type: none"> <li>o Maturing debt rollover</li> <li>o Short-term hedge transactions</li> </ul> </li> <li>-- BNDES CVA-related loan still pending</li> <li>-- Tight cash flow management</li> <li>-- Curb expenditures</li> </ul>	<ul style="list-style-type: none"> <li>1 - Operating Activities</li> <li>Net Income (Loss)</li> <li>Depreciation and Amortization</li> <li>Extraordinary Revenue for Rationing Loss</li> <li>Energy Purchased on MAE</li> <li>Energy Purchased at Spot Market</li> <li>Net Asset Disposal</li> <li>Equity Income</li> <li>Long-term Interest and Monetary Variation</li> <li>Deferred Income Tax and Contribution</li> <li>Loss Provision</li> <li>CRC Loss Provision</li> <li>Post-employment Obligations</li> <li>2 - Changes in Current Assets</li> <li>3 - Changes in Current Liabilities</li> <li>4 - Cash Provided by Operating Activities</li> <li>5 - Financing Activities</li> <li>Proceeds of New Debt</li> <li>Debt Repayment</li> <li>Special Obligations</li> <li>Advanced Sales</li> <li>Dividends and Interest on Equity</li> <li>6 - Total Cash Available</li> <li>7 - Investment Activities</li> <li>Investments</li> <li>PP&amp;E</li> <li>8 - Net change of cash</li> <li>At the Beginning of the Year</li> <li>On June 30, 2003</li> <li>Total Cash Available</li> </ul>

# Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

All figures comply with BRGAAP

13

CEMIG

A Melhor Energia do Brasil.

## Key Issues

- o Streamlined Operations
  - New Strategic Directives
- o Corporate Governance
- o Growth and Goals
- o Regulatory Review

All figures comply with BRGAAP

14 New Strategic Directives

## Strategic Directives

Key strategy: deliver sustainable growth and add value to current shareholder investment through:

- |  |  |
|--|--|
| <ul style="list-style-type: none"><li>o Portfolio analyses<ul style="list-style-type: none"><li>- Reviewing business plans<ul style="list-style-type: none"><li>o Internal business value</li><li>o Size business to market reality</li></ul></li><li>- Careful business opportunity evaluation</li></ul></li><li>o Target setting<ul style="list-style-type: none"><li>- Streamline operations</li><li>- Reduce WACC</li><li>- Focus on total shareholder value</li></ul></li><li>o Business organization</li></ul> | <ul style="list-style-type: none"><li>o Corporate Governance be<ul style="list-style-type: none"><li>- Focus on the share</li><li>- New dividend polic<ul style="list-style-type: none"><li>o Higher divid</li></ul></li></ul></li><li>o Performance management<ul style="list-style-type: none"><li>- Performance monito</li><li>- Evaluation of busi<ul style="list-style-type: none"><li>o Training pro</li><li>o Technology</li></ul></li><li>- Balanced scorecard</li></ul></li></ul> |
|--|--|

## Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

- Improve core competency
  - o Strengthen relationships with customers

All figures comply with BRGAAP

15

CEMIG  
A Melhor Energia do Brasil.

### Key Issues

- o Streamlined Operations
- o New Strategic Directives
  - Corporate Governance
- o Growth and Goals
- o Regulatory Review

All figures comply with BRGAAP

### 16 Corporate Governance

#### Corporate Governance as a Cultural Value

- |  |  |
|--|--|
| <ul style="list-style-type: none"><li>o Understand the market perception<ul style="list-style-type: none"><li>o Transparency</li><li>o Scrutiny</li><li>o Comprehensive IR program</li><li>o Guidance</li></ul></li><li>o Broaden the investor base</li><li>o Social responsibility<ul style="list-style-type: none"><li>o Pursuit of environmentally sound projects</li></ul></li></ul> | <ul style="list-style-type: none"><li>o Board membership<ul style="list-style-type: none"><li>o 14 members</li><li>o 6 members</li><li>o PN shareholders</li></ul></li><li>o Highly educated</li><li>o Politically active</li><li>o Economically sound</li><li>o Business oriented</li></ul> |
|--|--|

## Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

- o Universality of service for the concession territory
- o Affordable rates
- o Dividend policy which meets shareholder interest
- o Continual scanning for global class practices
- o Account
- o Electrici
- o Researc
- o Strengthened tiers of gove

All figures comply with BRGAAP

### 17 Corporate Governance

CEMIG

A Melhor Energia do Brasil.

#### Related Party Transactions

- o Arms length relationship with the majority shareholder
- o Face problems directly
- o Seek viable solutions for CRC receivables
  - o Repay dividend-backed contract
    - Total amount: R\$ 837 million
    - Due in 2003: R\$ 117 million
  - o Negotiate the accrued contract with Minas Gerais State Government and the Federal Government
    - Total amount: R\$ 1,425 million
  - o Address tax charges

All figures comply with BRGAAP

### 18

CEMIG

A Melhor Energia do Brasil.

#### Key Issues

- o Streamlined Operations
- o New Strategic Directives
- o Corporate Governance
- o Growth and Goals
- o Regulatory Review

Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

19 Growth and Goals

Drivers of Value Creation at CEMIG

Drivers	Six months ending June 30, 2003
Operating Income (R\$ million)	431
Retail Sale Revenue Growth (%)	29
Free Cash Flow (R\$ million)	197
WACC (%)	14
Total Shareholder Value (%)	4.7
Market Capitalization (R\$ million)	3,901
EBITDA Margin (%)	28
Customer Satisfaction Index (%)	71.1
Sales to Final Consumers as % of Total Sales	91.1
Electricity Distribution Market Share (%)	12.15

All figures comply with BRGAAP

20 Growth and Goals

CEMIG  
A Melhor Energia do Brasil.

Scenario for CEMIG's EBITDA from 2003 to 2008

[EBITDA GRAPHIC OMITTED]

-----> | Average yearly |  
| consumption |  
| growth ranging |  
| from 1% to 3% |  
| causes expressive |  
| impacts on the |  
| Company's results. |  
----->

Prices as of June 2003  
Additional rate recovery of 10%

See disclaimer

# Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

Deferred CVA and rate revision in 2008

All figures comply with BRGAAP

21 Growth and Goals

CEMIG  
A Melhor Energia do Brasil.

Strategic Actions to Meet Shareholder Long-term Interest

[GRAPHIC OMITTED]

See disclaimer

All figures comply with BRGAAP

22 Growth and Goals

Capital Expenditure

4-year Plan Amounts to R\$4.2 Billion

Items	Actual		Estimated		
	2002	2003	2004	2005	2006
Power Projects	448	434	351	216	97
Transmission	76	95	99	252	308
Subtransmission	79	48	64	161	186
Distribution *	248	215	411	446	431

Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

Other Facilities	35	31	66	44	38
Non-electric Facilities	189	75	53	4	4
Total afforded by Cemig	1,074	898	1,045	1,123	1,064

-----  
Expansion Afforded by

Consumers	76	84			
TOTAL	1,150	982	1,045	1,123	1,064

-----

o Funds to finance part of distribution expansion will come from Federal Government and Eletrobras

Values in millions of reais

See disclaimer

All figures comply with BRGAAP

23

CEMIG

A Melhor Energia do Brasil.

Key Issues

- o Streamlined Operations
- o New Strategic Directives
- o Corporate Governance
- o Growth and Goals
- o Regulatory Review

All figures comply with BRGAAP

24

CEMIG

A Melhor Energia do Brasil.

CEMIG has Adopted a Cooperative Approach

Summary of the proposal disclosed by the Federal Government

The major objectives are to:

- o ensure a sustainable growth for the generating capacity
- o rate affordability

Key aspects:

- o Creation of a "Virtual Pool"

## Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

- Execution of the capacity auctions
- Coordination of the distributors' power purchase agreement
- o Vertical separation of the distribution business
- o Federal Government-driven long-term planning
  - Long-term generating capacity growth forecast
- o Bidding process for new power plants based on lower price
- o Roles of free customer and independent power producer lose substance

All figures comply with BRGAAP

25

### Proposed Regulatory Framework

---

#### Generation

#### Distribution

##### Benefits

- Long-term contracts
- Lowest revenue bid-based concession auction
- Capacity auctions
- No operating risks
- Higher capacity reserve

- No compe
- Guarante

##### Threats

- Price review every 5 years
- New inflation adjustment index
- Poor credit quality of the distributors
- Penalties on poor asset operation
- Concession expiration

- No self
  - Penalties
  - Higher p
  - Guarante
  - Delinque
- 

All figures comply with BRGAAP

26

### Keys to our Success

- o Unchanged business focus
- o Low-risk business model

CEMIG  
A Melhor Energia do Brasil.



## Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

- o Pursue financial strength
- o Careful evaluation of non-regulated business opportunities
- o Highest standards of Corporate Governance and integrity

All figures comply with BRGAAP

27

A Melhor En

Committed to the Best Practices of Corporate Governance

[CIG LISTED NYSE LOGO]

[LEVEL 1 BOVESPA LOGO]

[DOW JONES SUSTAINABILITY INDEXES

[LATIBEX LOGO]

[INSTITUTIONAL INVESTOR LOGO]

- o BOVESPA Level I: CMIG3 and CMIG4
- o NYSE Level II ADR: CIG
- o Latibex: XCMIG
- o Dow Jones Sustainability Index 2000, 2001 and 2002

Best Corporate Governance  
In Latin America for Electric  
Utilities

All figures comply with BRGAAP

### Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

COMPANHIA ENERGETICA DE MINAS  
GERAIS - CEMIG

By: /s/ Flavio Decat de Moura

-----  
Name: Flavio Decat de Moura

Edgar Filing: ENERGY CO OF MINAS GERAIS - Form 6-K

Title: Chief Financial Officer  
and Investor Relations Officer

Date: November 10, 2003