

### Disclaimer



Some statements in this presentation are forward-looking statements within the meaning of the US Securities Acts and are subject to risks and uncertainties. Forward looking statements are forecasts that may differ from the final numbers and are not under our control. For a discussion of the risks and uncertainties as they relate to the Company, please refer to our Form 20F of 2009, and in particular Item 3, containing "Basic Information – Risk Factors".

All figures are in BR GAAP.





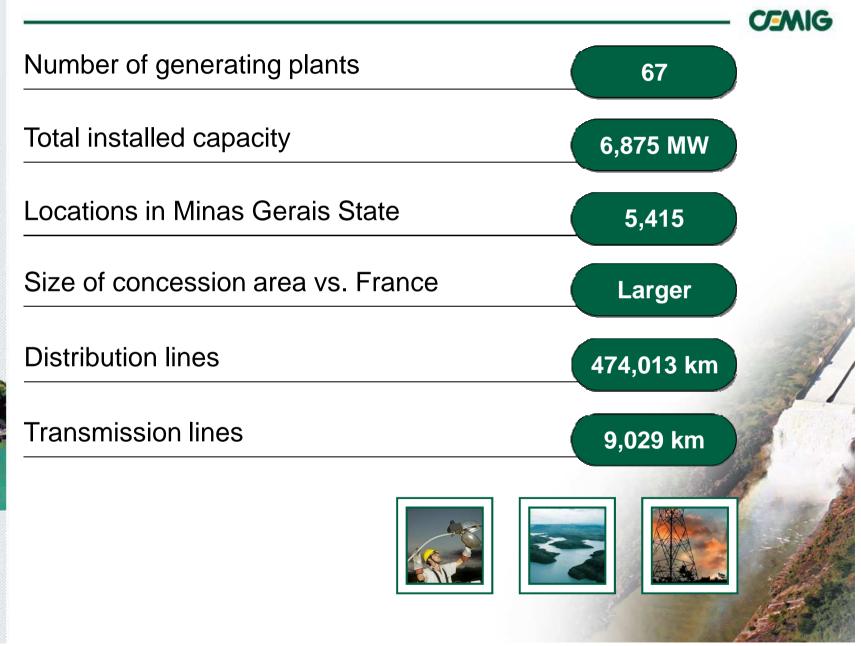
## **Brazil's Leading Power Utility**

3

CEMIG



## Cemig: Strength in Numbers



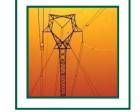
## Cemig at a Glance

CEMIG

- Based in State of Minas Gerais, controlling shareholder
   growing throughout Brazil and Chile
- Strong financial profile 2009
  - Net revenues: R\$ 11.7B
  - EBITDA: R\$ 4B
- Highest liquidity in sector
  - listed on 3 stock exchanges New York, São Paulo, Madrid
  - >117,000 shareholders in more than 44 countries
  - Average Daily Trading:
    - US\$47M in Bovespa
    - US\$33M in NYSE
- Solid dividend policy
  - 50% payout ratio
- Strong Growth outlook in the long run
  - Acquisitions
  - Re-pricing of energy contracts













## The Cemig Story – Agenda

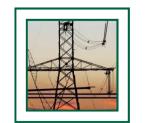
CEMIG

### The positioning

The performance

The growth







## Cemig is Uniquely Positioned



1	The Brazil advantage

2 Unmatched scale

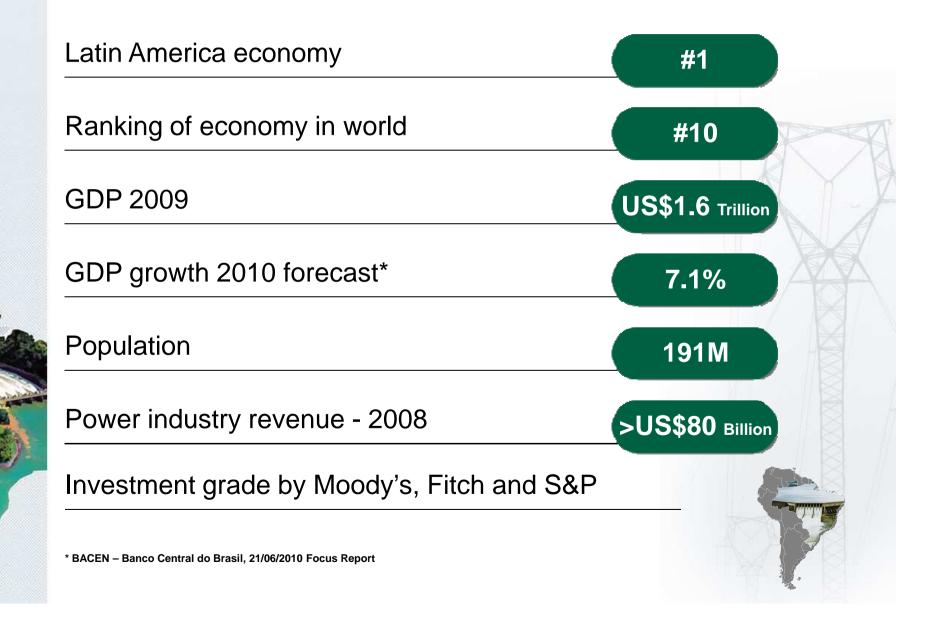
3 Diversified portfolio

4 Leader in renewable energy

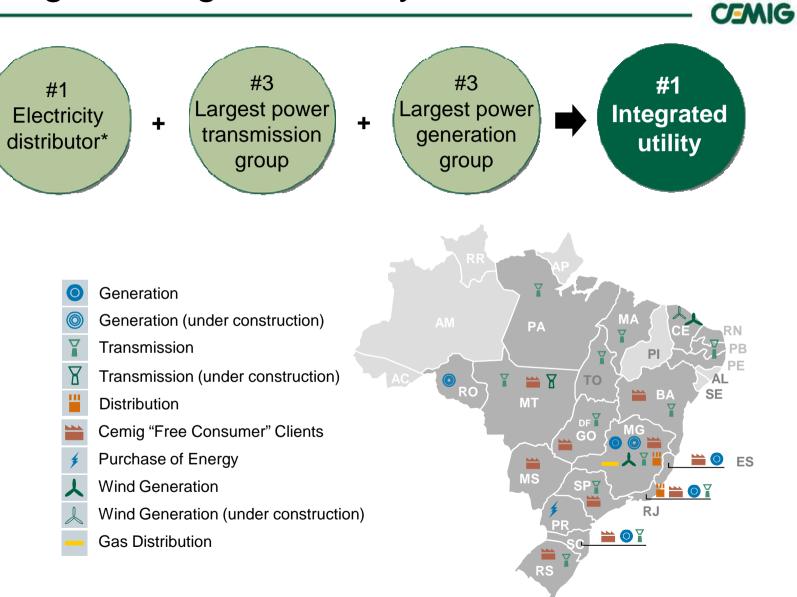
5 Strong governance

## An Emerging Powerhouse Economy

CEMIG



## Largest Integrated Utility in Brazil



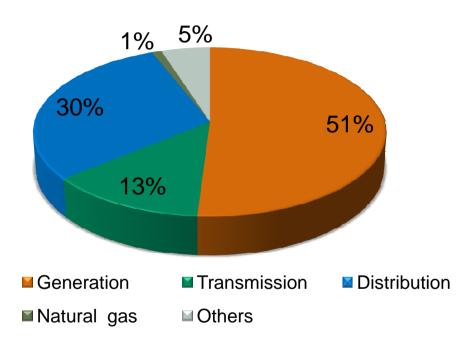
\* in terms of length of distribution lines

3 DIVERSIFIED

10

### Diversified, Low Risk Business Portfolio

### **Breakdown of EBITDA (2009)**



### EBITDA, by company

CEMIG

EBITDA	2009	2008	Chge %
Cemig GT (*)	2,213	1,924	15%
Cemig D	1,426	1,606	-11%
LIGHT	154	171	-10%
Gasmig	50	50	-
TBE	123	74	66%
TAESA	30	-	-
EBITDA Cons.	4,039	4,099	-1%

(\*)includes TAESA

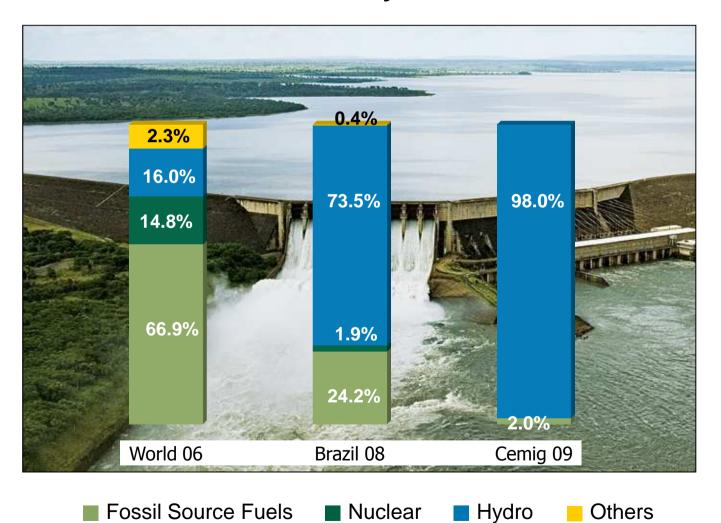
Most of revenues are inflation protected

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## Leader in Renewable Hydro Energy

**Generation by Source** 

CEMIG



## **Best-in-Class Corporate Governance**



Minas Gerais

- ✓ Minas Gerais, controlling shareholder a positive influence
  - one of fastest growing, investor-friendly states in Brazil
  - growth and profitability interest aligned with minority shareholders
  - 6 from a total of 14 members are appointed by minority shareholders
- ✓ Pro-market corporate bylaws include
  - Minimum 50% dividend payout
  - Capex limited to 40% of EBITDA
  - Net debt limited to 2.5x EBITDA
  - Net debt limited to 50% of total cap.
- Leader in sustainability
  - only Latin American utility in DJSI since 1999

Prime

✓ Present in the Global Dow Index

Responsibility

oekom research

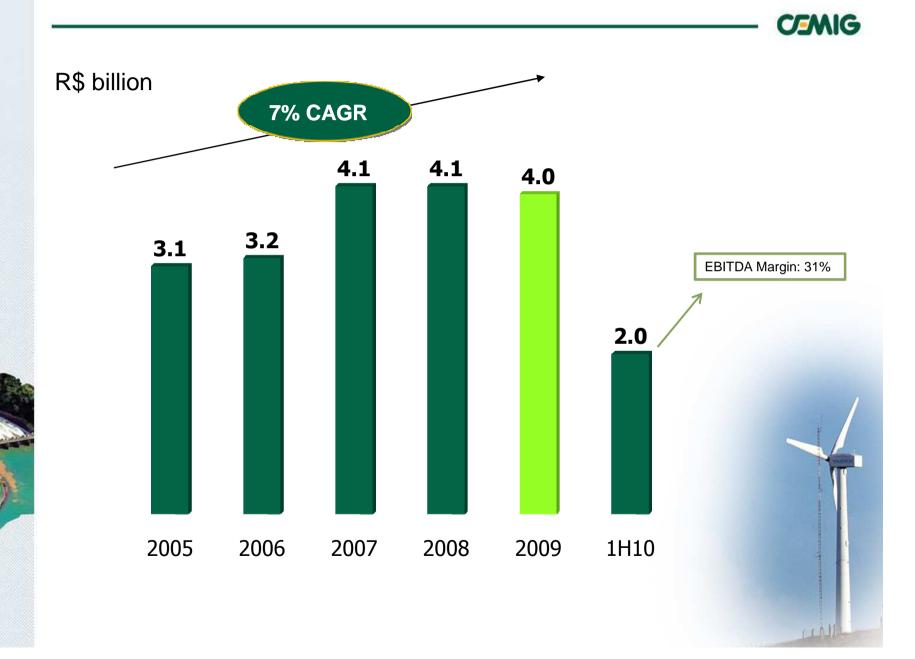


rated by

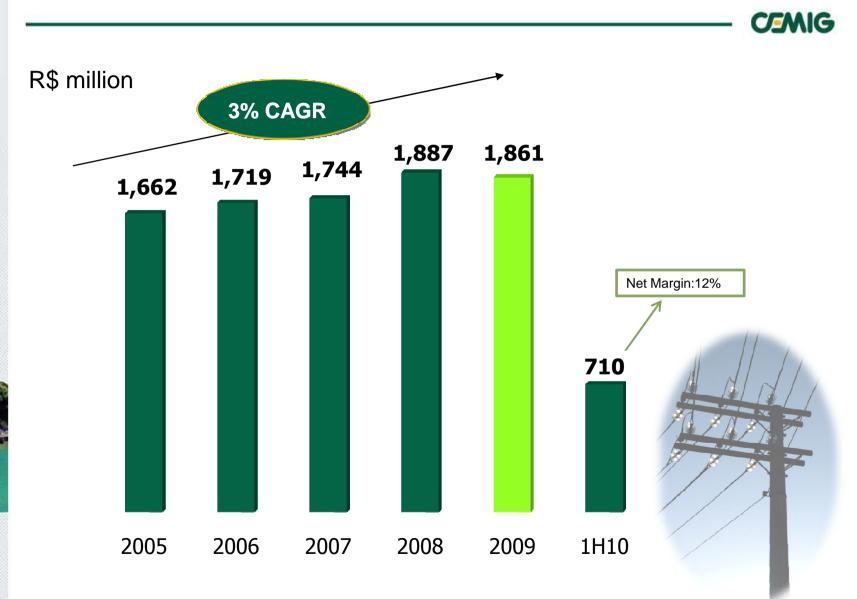




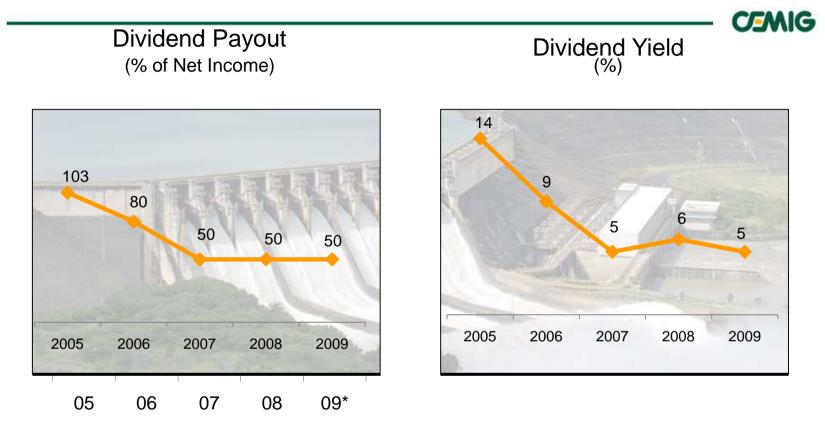
### Growth in EBITDA



### Net Income Continues to Expand



## Attractive and Secure Dividend Payout

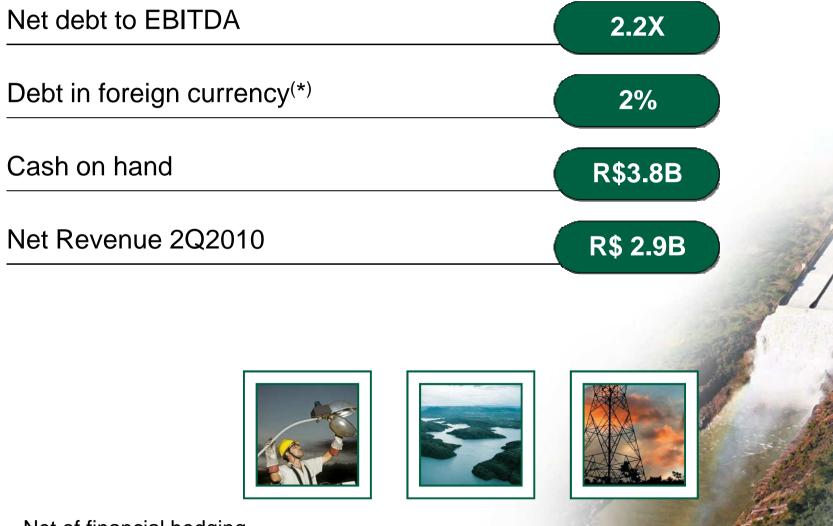


- ✓ Proposal for 2009 Net Income distribution was approved:
  - Dividends of R\$ 931 million
    - Dividends per share: R\$1.50
  - Stock Dividend of 10%

## Strong Balance Sheet to Support Growth

CEMIG

(June 30<sup>th</sup>, 2010)

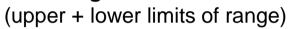


\* Net of financial hedging

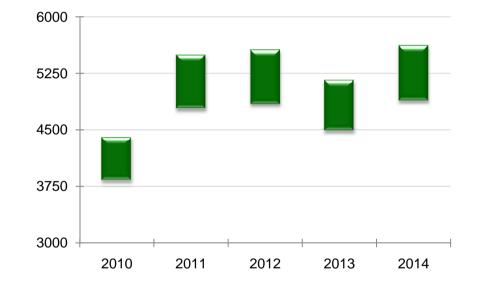
## **EBITDA** guidance



### EBITDA guidance<sup>(1)</sup> 2010-2014 R\$ million



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Year	Lower limit	Upper limit
2010	3,825	4,400
2011	4,773	5,491
2012	4,832	5,560
2013	4,483	5,158
2014	4,879	5,614

Consolidated figures include values from Holding and other holdings.

(1) Constant currency as of June 2010. Considers just the existing assets. Will be revised by May 2011

## The Cemig Story – Agenda

CEMIG



The performance

### The growth

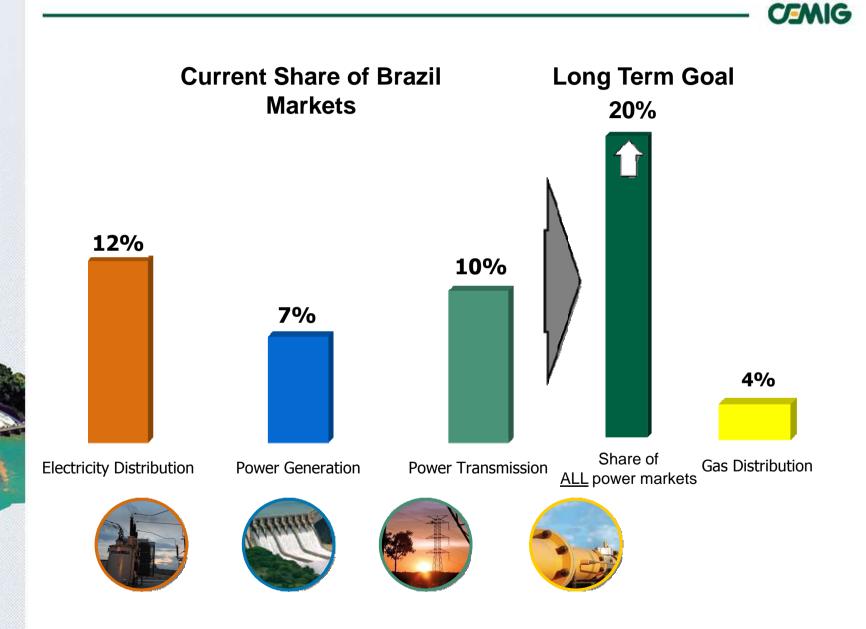




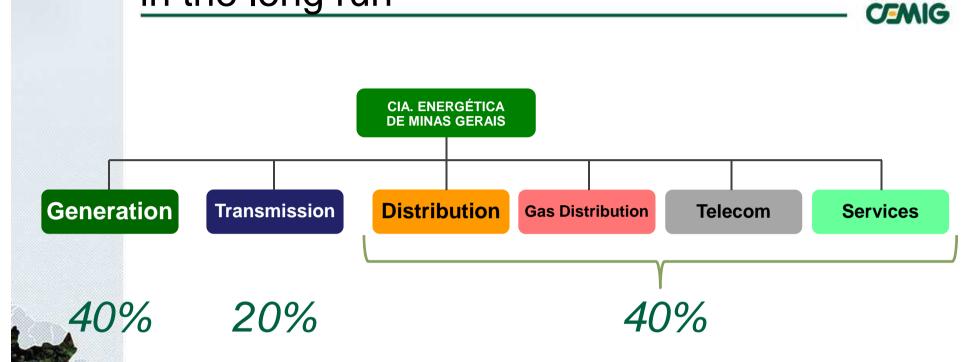




## **Clear Long Term Goals**



# Target Ebitda contribution by business in the long run





### **Growth Drivers**

1 Leverage price increases

2 Geographic expansion

3

Improve operating efficiency

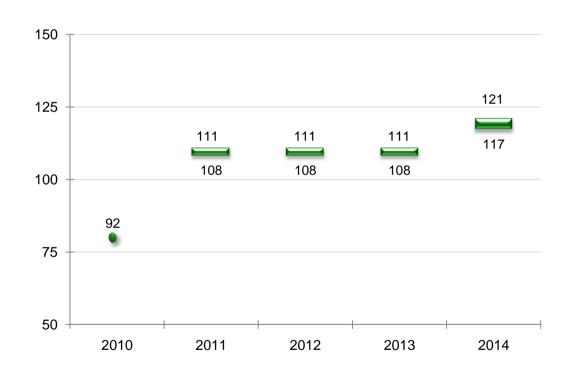


CEMIG

### **Re-Pricing of Power Sales Contracts**

CEMIG

Guidance for Average Prices – Cemig GT\*



\*Constant base – June 2010

## **Geographic Expansion**

CEMIG

### **Geographic focus**

Within Brazil and selected international investments

### **Business focus**

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Businesses we know – power generation and transmission, electricity distribution, gas

### **Type of investments**

- Acquisitions main driver of short term growth
- Greenfield projects vehicle for long term growth









Disciplined investment criteria

## **Record of Successful Acquisitions**

### **Disciplined Approach**

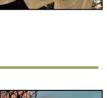
 Record of 5 acquisitions in last 5 years totaling R\$ 4.9B (excluding debt)

### Case Study: Light (Disco)

- A stake was bought for R\$ 172M in 2006 (with full payback in 2 years)
- Cemig doubled its stake in Light in 2010: R\$785 million for 13.03%

### Case Study: TBE (Transco)

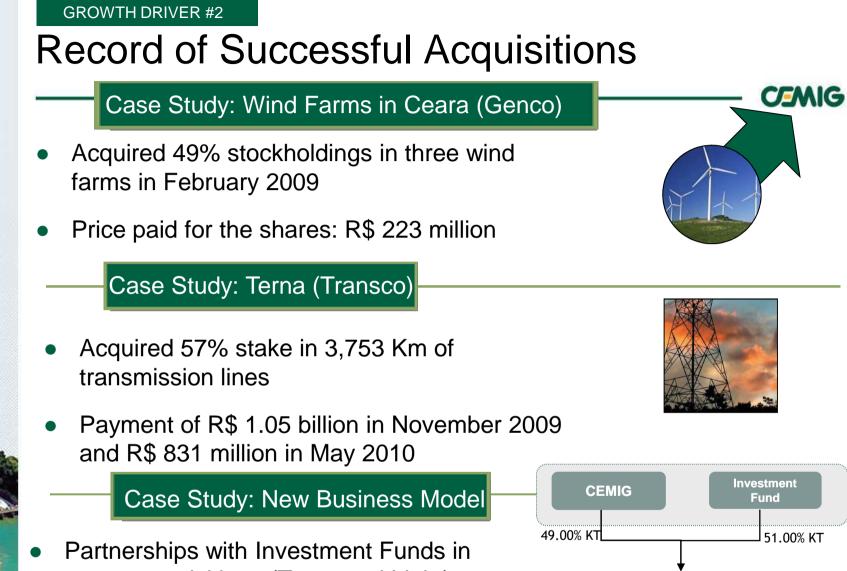
- Acquired TBE stake for R\$ 348M in 2006
- Cemig increased its stake in TBE: R\$ 505M paid in 2009
  - In October 2009 Cemig acquired another stake in TBE: R\$ 100M, approximately











SPE

Acquisition

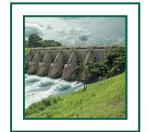
- recent acquisitions (Terna and Light) creates a new growth driver
- Minority stake allows Cemig to mantain a strategic and competitive position



## Continually Improving Operating Efficiencies

- Continuous technological improvement
- Cost reduction program
  - 135 cost cutting initiatives
  - Voluntary Retirement Programs:
    - From 2008 to 2011: 1,500 employees
  - Automatization, new processes
  - Centralization of activities
  - Expense reduction related to materials, services and other expenses







### **Clear Priorities for 2010**



## Why Invest in Cemig

Leading power utility in Brazil

Powerful drivers fueling growth

Sound Balance Sheet

Consistent profitable track record

**Strong Dividend Policy** 

World Leader in Sustainability







### •Background

•Strategy Overview

•Business Outlook

•Acquisitions

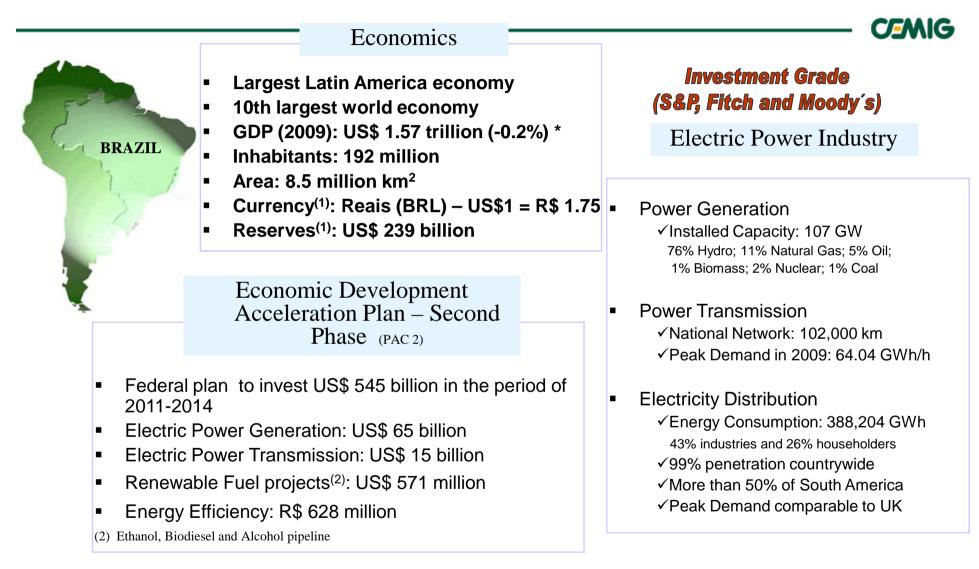
•Results

•Market Recognition

•Regulatory Framework

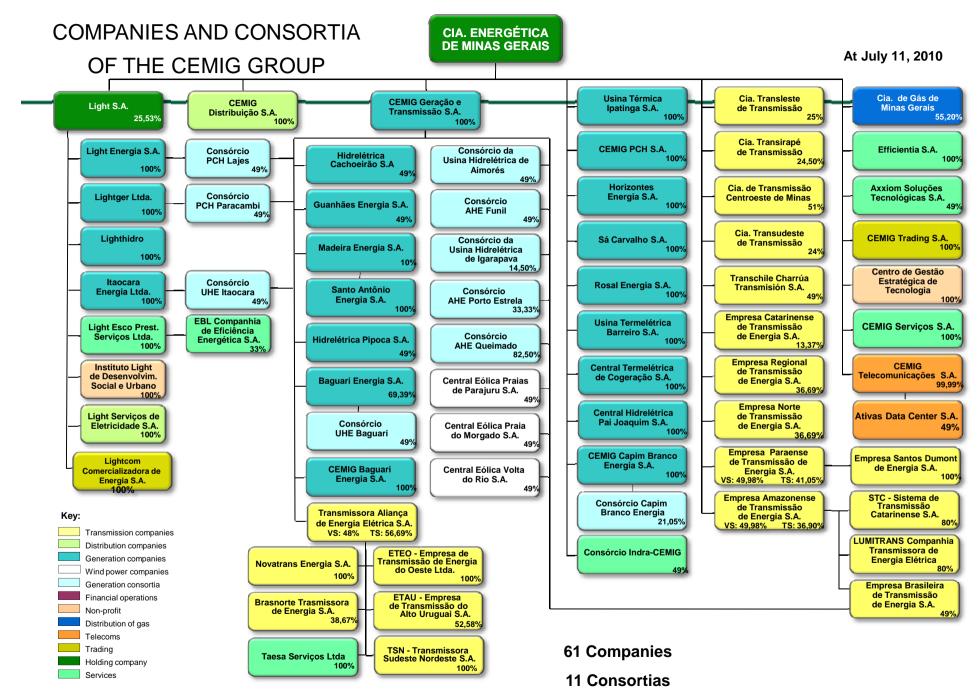
•Others

### Brazilian GDP growth is driven by domestic market

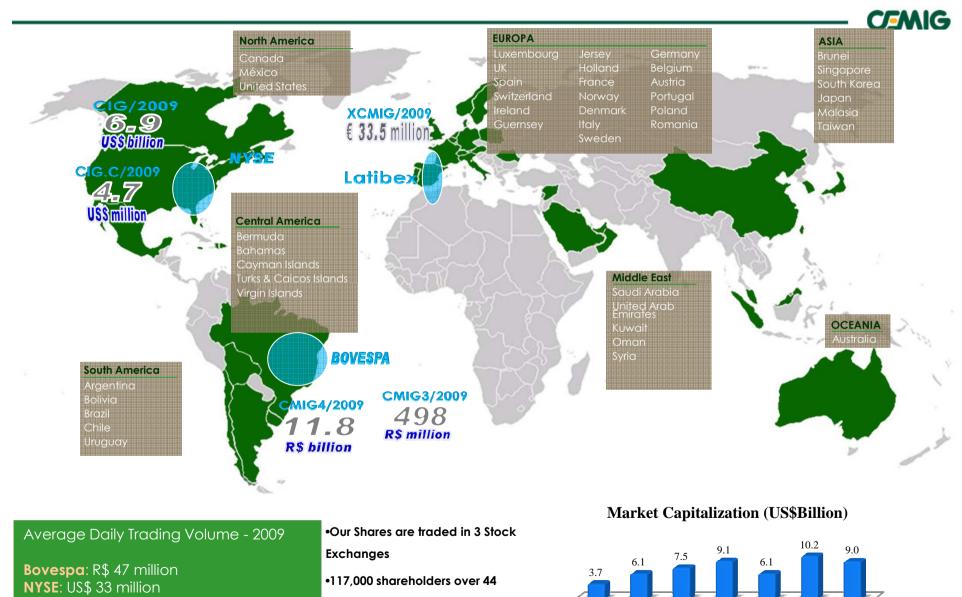


Source: Brazilian Institute for Geography and Statistics (IBGE), Brazilian Electricity Regulator (ANEEL), Brazilian Association of Transmission Companies (ABRATEE), Energy Research Company (EPE).

(1) As of December 31, 2009, (\*) Forecast



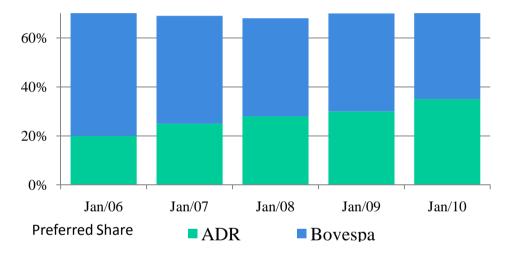
### Strong shareholders base assures liquidity



Jun/10

countries





#### Non-Brazilian investors as % of free float\*

\* Free float = all shares in circulation except those held by the State of Minas Gerais and SEB.

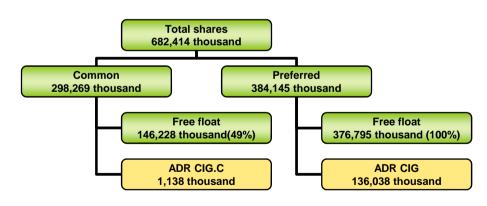
✓ The percentage of non-Brazilian investors in Cemig's stockholding base is growing every year.

- Cemig has shareholders in more than 40 countries.
- The percentage of investors holding ADRs has increased by more than 50% in 4 years

 Cemig; one of only 3 Brazilian companies, and the only Latin American utility, in the Global Dow Index.

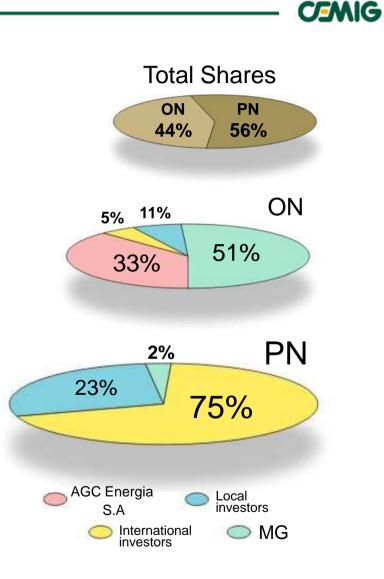
### The blend of shareholders provides long term perspective

- Our shareholder diversity provides a global business management vision focused on sustainability of the company's activities
- Listed in major stock exchanges
  - BOVESPA (Brazil)
  - NYSE (USA)
  - LATIBEX (Spain)



Share nominal value = R\$5.00

ADR outstanding approximately 20% of total shares 1 ADR = 1 share in Bovespa

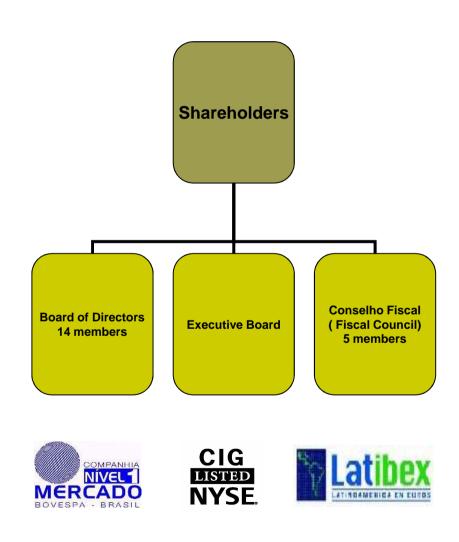


### Corporate Governance: implementation of best practices

CEMIG

#### **Highlights**

- Code of ethics;
- 6 BoD members appointed by minority shareholders;
- BoD approves all investments above R\$14mn;
- BoD approves nomination of external auditors;
- Executive Board coordinates external auditor selection process (in compliance with the Brazilian Procurement Legislation for state owned companies);
- Fiscal Council plays Audit Committee key role, including:
  - Accounting practices;
  - Dividend policy;
  - Prevention of fraud;
  - Financial statements analysis.
- SOX compliance:
  - Sections 302 and 404 Certification;
- BOVESPA level 1;
- NYSE listed company practices.



Leadership in sustainability, a core value at Cemig

CEMIG

- Social and Environmental responsibilities
- Long-term vision commitment
- To guarantee the preservation of our activities
- Prevent undue costs to be passed to the society through a balanced relationship with the environment and the community
- Recognition of our actions to ensure sustainability:
  - Selected member of Dow Jones Sustainability World Index for the tenth

time in a row, now world leader in Utilities "Supersector"

- Selected member of Corporate Sustainability Index of the Sao Paulo

Stock Exchange (Bovespa) for the fifth year in a row.

## Why is Cemig Sustainable?



- 1. Financial Strength
- 2. Strategic Management
- 3. Commitment to clients
- 4. Profitable Investments
- 5. Technological Innovation
- 6. Commitment to stakeholders
- 7. Dedication towards the environment
- 8. Focus on Renewables
- 9. Care for human capital
- 10.Social Responsibility





# **Global Compact**



In 2009 Cemig joined the Global Compact and published its "Corporate Social Responsibility" handbook.

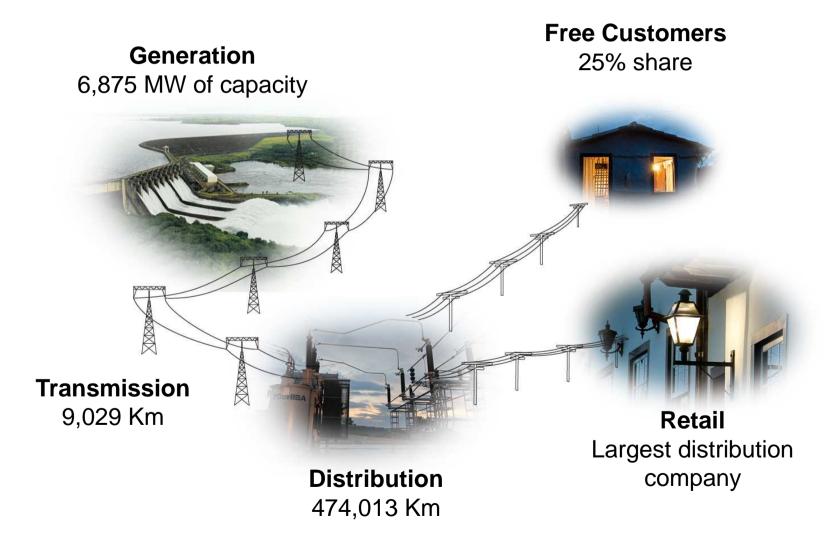
#### The principles of the Global Compact



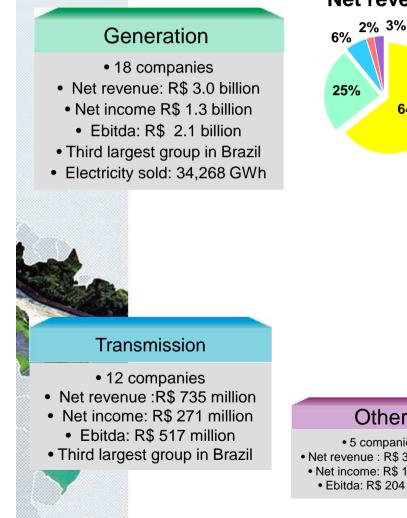
United Nations Global Compact

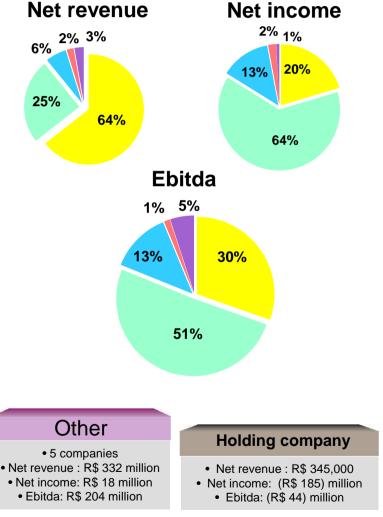
- 1. Businesses should support and respect the protection of internationally proclaimed human rights in their area of influence; and
- 2. make sure that they are not complicit in human rights abuses.
- 3. Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;
- 4. elimination of all forms of forced and compulsory labor;
- 5. the effective abolition of child labor; and
- 6. elimination of discrimination in respect of employment and occupation.
- 7. Businesses are asked to support a precautionary approach to environmental challenges;
- 8. undertake initiatives to promote greater environmental responsibility; and
- 9. encourage the development and diffusion of environmentally friendly technologies.
- 10. Businesses should work against corruption in all its forms, including extortion and bribery.

# The Largest Integrated Utility in Brazil



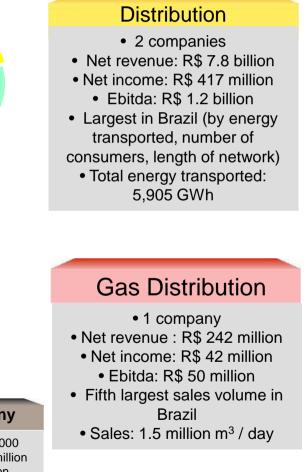
# The Portfolio: guaranteeing results





#### Figures for 2009

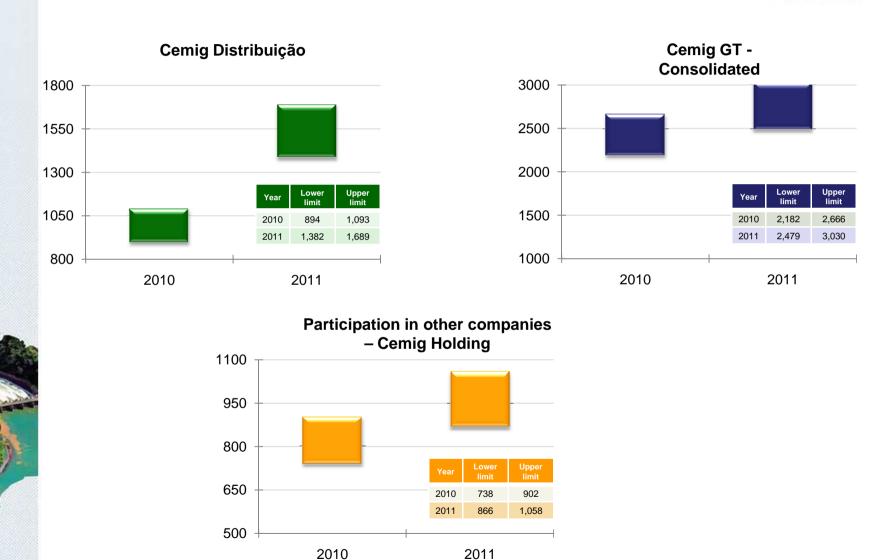
CEMIG



Intercompany transactions total R\$ 329 million

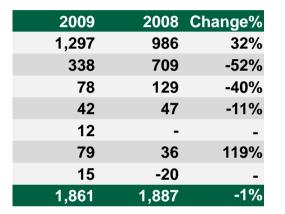
# EBITDA Guidance 2010-2014

CEMIG



Million R\$ in constant prices as of June 2010

43



#### Net Income per Company

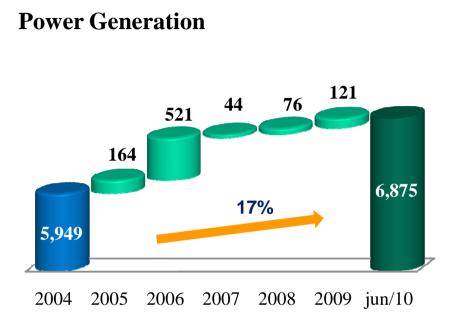
Company	2Q10	2Q09	Change%
Cemig Geração/Transmissão (*)	205	452	-56%
Cemig Distribuição	-11	48	-
Light	25	17	47%
Gasmig	14	9	56%
TAESA	27	-	-
TBE	25	16	56%
Others	6	-18	-
Cemig Consolidated	291	524	-44%

#### Ebitda per Company

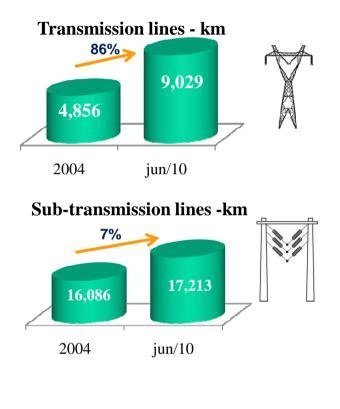
Company	2Q10	2Q09	Change%
Cemig Geração/Transmissão(*)	446	725	-39%
Cemig Distribuição	131	144	-0,09
Light	77	53	45%
Gasmig	19	11	79%
TAESA	74	-	-
TBE	42	20	115%
Others	85	82	4%
Cemig Consolidated	874	1,035	-17%

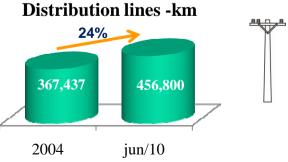
2009	2008	Change%
2,402	1,924	25%
946	1606	-41%
296	329	-10%
50	50	0%
29	-	-
123	74	66%
193	116	66%
4,039	4,099	-1%

### Strategic Plan Results

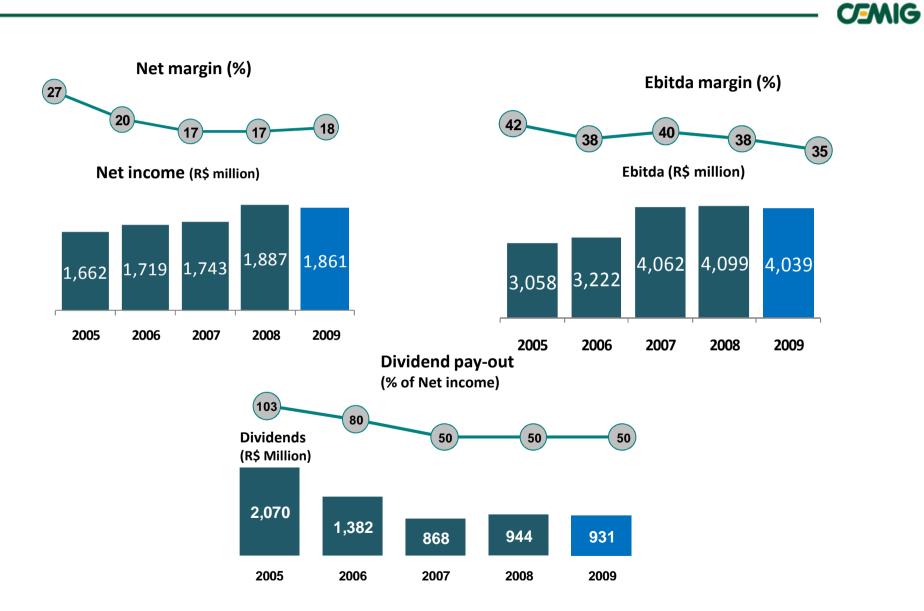


Our power matrix
 ensures higher operational
 margins





#### **Strategic Plan Results**





- Company's structure oriented towards electricity sector consolidation
- Operational excellence aligned with costs reduction
- Investment criteria defined by Strategic Plan to add value
- Risk management ensures reliable processes
- Corporate governance as a corporate value constantly evolving
- Financial management to improve credit quality and cost reduction
- Sustainability and governance contained in Company's bylaws
- Committed to provide investors' return on investment

## **Financial Highlights**

Income Statement – consolidated 1H10 1H09 Change % (R\$ million) 10% Net Revenue 5,865 5,334 EBITDA 0,4% 1,823 1,816 EBITDA Margin % -9% 31 34 Net Income -17% 710 860 Net Margin % -25% 12 16

Balance Sheet – consolidated (R\$ million)	1H10	2009
Cash and Cash Equivalents	7,755	4,425
Total Assets	30,806	28,866
Total Financial Debt	12,653	11,292
Shareholders' Equity	11,020	10,276
Net Debt (1)	8,898	6,868
Net debt / (stockholders' equity + net debt)	45%	40%

- ✓ Fundamentals remain solid
- ✓ Financial discipline
- ✓ Financial Management focused on long term

(1) Net Debt = Total Debt - Cash and Cash Equivalents

### Debt profile lengthened with reduction of costs

Maturities timetable (R\$ Million) Average tenor: 4 years 3,231 1,783 1,583 1,393 1,444 1.211 846 334 2010 2011 2012 2013 2014 2015 2016 2017 to 2031

✓ Emission of debentures has promoted the lengthened of our debt from 3 to 3.9 years

 ✓ Average cost of debt: 6.48% p.a. at constant June 2010 prices, including stockholdings

✓ Cost of debt shows excellent credit quality

✓Appropriate net leverage, combined with strong cash flow, ensures financial solidity

#### Consolidated debt, June 30, 2010 (R\$ Million)

	CEMIG consolidated	CEMIG GT		CEMIG D		
Total debt	12,653		7,404		3,056	
Debt in foreign currency	228	2%	5	0.1%	142	5%
Net debt (1)	8,898		5,352		2,273	
EBITDA / interest	4.27		12.05		3.19	
Net debt / EBITDA	2.20		2.09		2.75	
Net debt / (shareholders' Equity  + Net debt)	44.7%		57.3%		50.1%	

(1) Net debt = total debt less (cash and cash equivalents).

(\*) Last 12 months

# **Financial discipline** to lower debt cost and reduce FX exposure



### 

Main indexors

June 30, 2010

Dólar CDI Outros Ipca Igpm Urtj RGR/Finel

#### Main Creditors (R\$ million)

Debenturistas	R\$ 4,449 (35%)
Banco do Brasil	R\$ 3,025 (24%)
BNDES	R\$ 1,687 (13%)
Banco Itaú BBA(*)	R\$ 1,015 (8%)
Bradesco(*)	R\$ 666 (5%)
Unibanco	R\$ 382 (3%)
Eletrobrás	R\$ 394 (3%)
Votorantim	R\$ 141 (1%)

(\*) – Includes FIDC0000

Superior credit capacity recognized by the major rating agencies

**Fitch**Ratings AA(bra) Cemig H, Cemig GT and Cemig D National scale



Investment Grade

Ba1

Aa1.br Cemig GT and Cemig D Aa2.br Cemig H **Cemig GT and Cemig D** Baa3 Cemig H

National scale National scale **Global scale Global scale** 

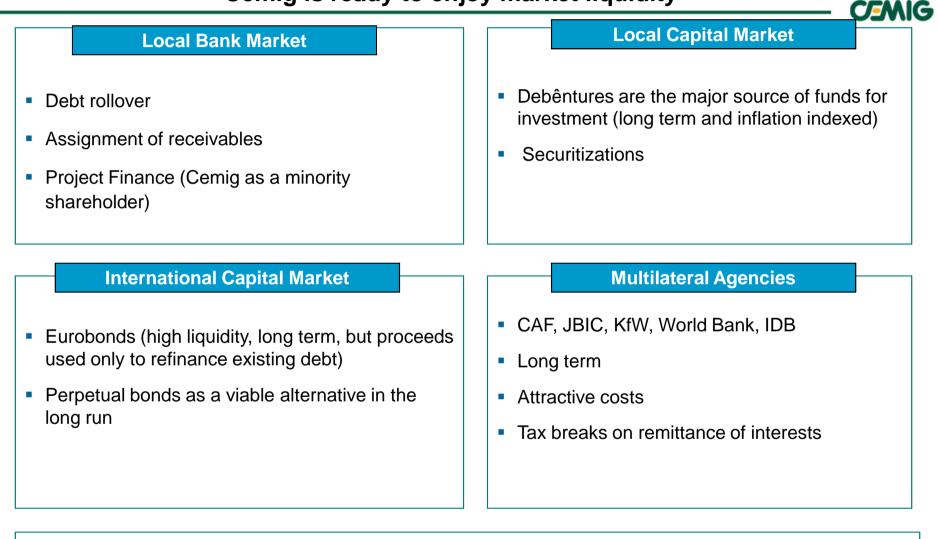


Cemig GT and Cemig H brAA-National scale brAA Cemiq D National scale BB Cemig H, Cemig GT and Cemig D Global scale

Solid fundamentals assured by excellent financial management, stable profitability, strong cash generation and robust corporate governance.

### Opportunities of raising funds to finance expansion

#### Cemig is ready to enjoy market liquidity



• Eletrobrás: long term, attractive costs, but restricted to rural electrification



•Background

# •Strategy Overview

•Business Outlook

Acquisitions

•Results

•Market Recognition

•Regulatory Framework

•Others

### Long Term Strategic Plan addresses sustainable growth...

- Broadening of CEMIG's area of activity, focusing on the electric industry
  - Growth within Brazil's geographical area
  - First steps towards international investments
  - Expansion in line with Brazilian regulatory limits and sustainable growth
  - Invest only in the power industry and gas distribution related business
- Addressing shareholders' long-term interests:
  - Dividend policy: minimum a 50% of net income payout and extraordinary dividends, provided cash availability (stated in the bylaws)
  - Corporate governance focused on transparency and respect of minority shareholders' interests
- Incorporation of our goals and commitments to our bylaws secures stability of the company's long-term planning
  - Capex limited to 40% of EBITDA:
  - Net Debt limited to 2x EBITDA (2.5 x with acquisitions)
  - Net Debt limited to 40% of Total Capitalization (50% with acquisitions)

... **Investment policy** to guarantee sustainable growth

#### • Pillars of our activity:

- Focus on electricity sector and related activities
- Profitability: return compatible with each business
- Partnerships with strategic investors: corporate governance
- Growth through new projects, long-term vision
  - Opportunities in electricity generation and transmission
- Acquisitions, drivers for short-term growth
- Investment Criteria Selection:
  - Investments that add value to our shareholders
  - Continuous technological and operational improvement
  - Best management practices
- Guarantees to ensure profitability (stated in the bylaws):
  - Investment only in power generation, transmission and distribution and gas&oil projects that offer rates of return compatible with the risk of each business but higher than the level projected in the Strategic Plan, with the exception of legal obligations.

CEMIG

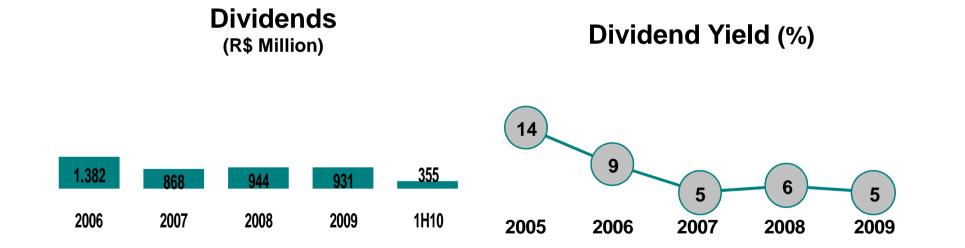
Operational expenses and revenues of electricity distribution companies, must be kept aligned to the tariff adjustments and reviews.

### Strategic Plan Results: Dividends

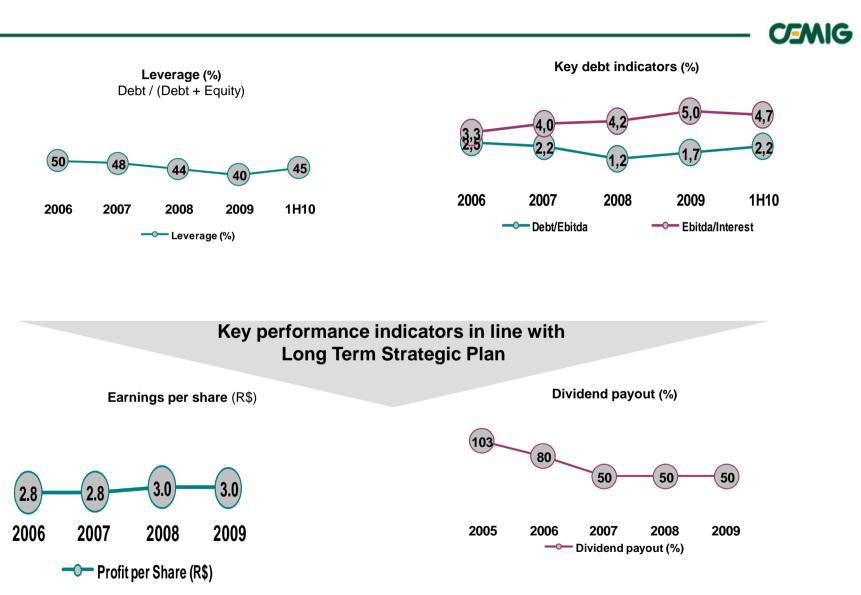
CEMIG

✓ Approved proposal for 2009 Net Income distribution:

- Dividends of R\$ 931 million
  - Dividends per share: R\$1.50
- Stock Dividend of 10%



### Continuous improvement of our KPI





•Background

•Strategy Overview

# •Business Outlook

•Acquisitions

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•Others

### Basics of our business portfolio



- Power generation
  - More competitive environment
    - Regulated market : long term contracts with distributors sales through public auctions.
    - Un-regulated market : medium term contract with large clients. Contract terms bilaterally negotiated.
- Power transmission
  - Most successful regulation
  - Stable cash flow: fixed income alike investment
- Electricity distribution
  - Strongly regulated
    - Operating expenses: Full pass-through mechanism. Yearly adjustment for non controllable costs and inflation.
    - 5 year rate setting review: sharing productivity gains with users
    - Revenues come from grid use and sales to captive market
- Natural gas distribution
  - Same concession area of Cemig Distribuição
  - Partnership with Petrobrás (Petrobrás 40% and Cemig 55%)
- Telecommunication backbone services
  - Synergy: usage of power transmission lines for fiber optics cables
    - 60% of capacity used by Cemig Group

### **Power Generation: Cemig**



#### Installed Capacity (June/10)

Plant	Installed capacity (MW)	Efective Power (MW Average)
Largest hydroelectric plants		
São Simão	1,710	1,281
Emborcação	1,192	497
Nova Ponte	510	276
Jaguara	424	336
Miranda	408	202
Três Marias	396	239
Volta Grande	380	229
Irapé	360	206
Aimorés	162	84
Light Geração (13,06%)	218	83
Others	901	701
Total hydro-electric	6,661	4,135
Total thermal	185	83
Wind	29	13
Total	6,875	4,231

• Cemig provides 7% of Brazil's generation capacity and supplies 20% of Brazil's free customers market

### **Power Generation: Expansion**

### New generation projects: continuous growth

- ✓ Start Up of Baguari Hydroelectric Plant
  - Installed Capacity: 140 MW
  - Cemig's Participation: 34%
  - 120 days earlier than the initial schedule
- ✓ Start Up of Parajuru and Morgado Wind Plant
  - 57.60 MW of installed capacity
  - Cemig's Participation: 49%
- ✓ Presence in the wind sector is strategic
  - Brazilian potential estimated to be 140 GW
  - By the end of the year, an additional 70.8 MW will be inaugurated by Cemig
  - We are studying more than 400 MW in new projects through partnerships
- ✓ Cemig's new installed generation capacity: 6,875 MW







### Power Generation: Expansion

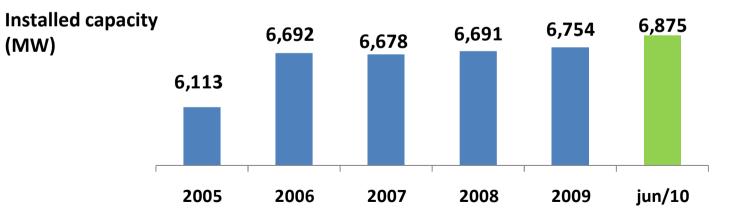
CEMIG

> Acquisitions:

> 3 wind farms – from Energimp S.A.: R\$ 223 million (49%).

New projects

Plant	Installed capacity (MW)	Cemig stake (%)	Start up date
Cachoeirão Small Hydro Plant	27	49%	2009
Baguari Hydro Plant	140	34%	2009
Wind farms	100	49%	2009/2010
Small Hydro Plants	107	49%	2010/2011
Santo Antônio	3,150	10%	2012
Itaocara Hydro Plant*	194	49%	2013

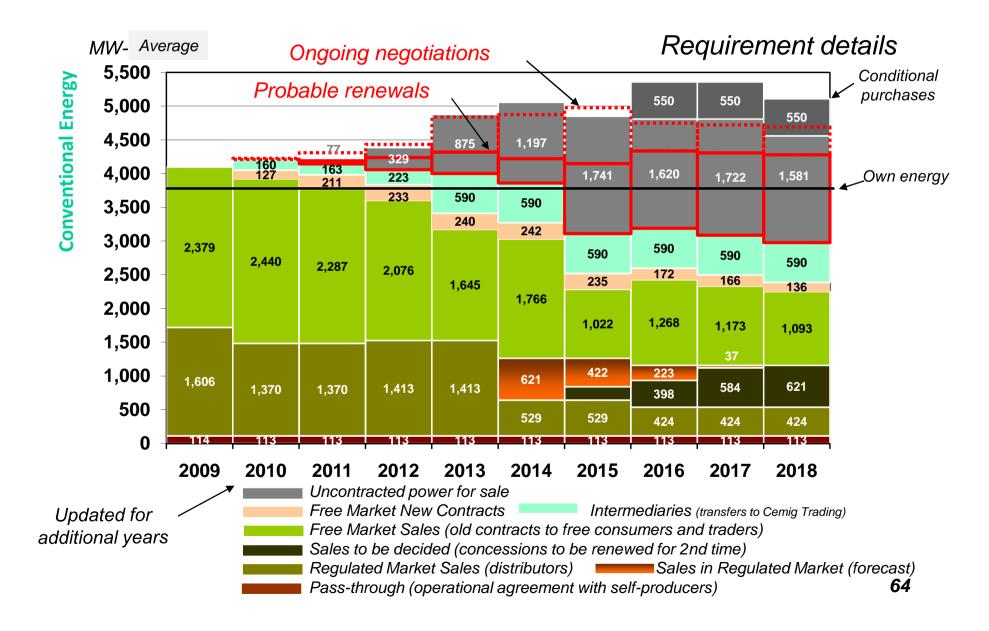




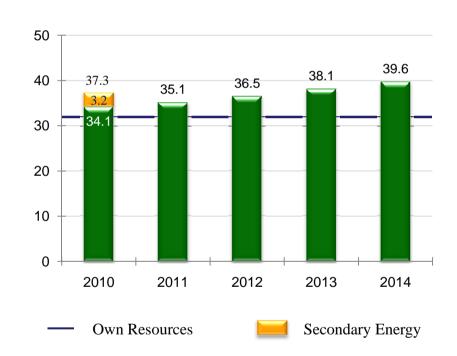
		Number Installed capacity			
Types of project	Brazil		Mina	as Gerais	
Hydroelectric plants	23	5,706 MW	11	1,181 MW	
Small Hydro Plants	7	106 MW	6	89 MW	
Thermal plants (*)	3	513 MW	1	273 MW	
Wind farms	4	802 MW	1	400 MW	
Co-generation, biomass	7	401 MW	1	267 MW	
Total	44	7,528 MW	23	2,210 MW	

Cemig is also evaluating feasibility projects related to the use of solid waste and solar plants.

(\*) Includes Igarapé's convertion of 250 MW into natural gas

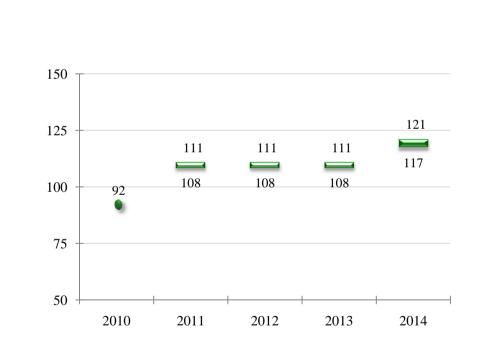






MARKET - TWh

- ✓ 2010: Participation in the Secondary Energy Market generation is above the physical guarantees as a result of the favorable hydro scenario, settled at spot prices (PLD).
- ✓ After 2011: Power Purchases, excluding secondary energy.



Constant base – June 2010

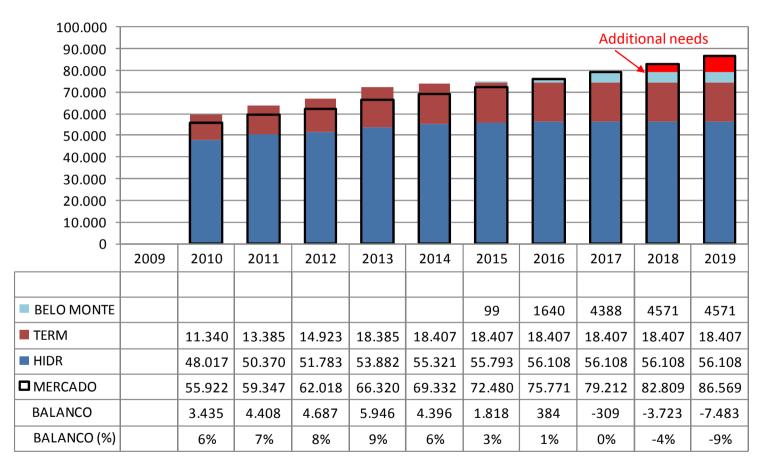
Guidance for Average Prices – Cemig GT

(R\$/MWh)

- Settlement of a large amount of secondary power at spot prices (PLD) in 2010;
  - If excluded, the average price would be of approximately 100.00 R\$/MWh
- Expected contract renewals and new contracts were secured at higher than current prices, but below those considered in 2009 s estimates
  - The strongest effects are seen in first years.
- Indexed contracts to US dollars and to the variation of the power share of the Tariff Readjustment Index of the local distributor were updated at lower values than those estimated in 2009
- Renegotiation of existing contracts
  - Price hikes to mantain NPV
  - Transfer of contracts (linked to power purchases), those with higher prices, to Cemig Trading
  - Term extension, including new sales, following the future price trends

CEMIG

#### Structural Energy Balance (Average MW)



Source: May 2010 ONS Monthly Operational Program (PMO), an analysis by Cemig.

## Power Generation Auctions:2009/2010

#### CEMIG

- Adjustment Auction:
  - 2009 Auction
    - February, 20<sup>th</sup>
      - 990 MWAvg in 10 and 4 months long contracts
      - Average price: R\$ 145.67/MWh
      - Cemig GT sold 262 Avg MW @ R\$ 145.73 / MWh

#### • Existing Generation Auctions:

- A-1 November, 30th
  - Price cap of R\$ 100/MWh
  - No sales
- 2009 New Energy Auctions:
  - A-3 : August 27th
    - 11 MWAvg in 15 and 30 years long term contracts
    - Average price: R\$ 144.54/MWh
    - Power will be delivered from 2012
  - Wind Generation: December 14<sup>th</sup>
    - 783 MWAvg in 20 years long term contracts
    - "Reserve type " auction
    - Power will be delivered from 2012
    - Average price: R\$ 148.39/ MWh

- 2010 Special Auctions: Belo Monte
  - 11,233 MW
  - 30 years long contracts
  - Price of R\$ 77.97/MWh
- 2010 New Energy Auctions:
  - A-5: July 30th
    - Exclusive for hydro capacity
    - Garibaldi plant (SC): 178 MW of installed capacity and reference price of R\$ 133/MWh
    - Colíder plant (MT): 300 MW of installed capacity and reference price of R\$ 116/MWh
    - Ferreira Gomes plant (AP): 252 MW of installed capacity and reference price of R\$ 83/MWh
    - Santo Antônio do Jari plant (AP/PA): 300 MW of installed capacity and reference price of R\$ 100/ MWh for 10% of the capacity (concession has already been awarded)
    - Small hydro power plants reference price of R\$ 155/MWh

#### Current status

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### **Business Opportunities: Small Hydros Program**

CEMIG Short-term supply alternative Successful funding format: 5 PCHs 60.60 MW 30% Equity \_ 1 PCH • Cemiq 49% 22.5 MW 79 PCHs Private Investor 51% 951.86 MW 70% Debt \_ BNDES Current status: Cachoeirão Small Hydro Power 35 PCHs Plant (27 MW) in commercial operation; 323.52 MW Pipoca Small Hydro Power Plant (20 MW) estimated to start operation in the 1<sup>st</sup> half of 2010; 04 Small Hydro Power Plants (44 MW) construction is estimated to begin in the 1<sup>st</sup> half of 2010 (Fortuna II, Dores de Guanhães, Senhora do Porto e Jacaré); 49 PCHs 109 PCHs 05 Small Hydro Power Plants (77 422.91 MW 1365.73 MW MW) construction is estimated to 56 PCHs begin in the  $2^{nd}$  half of 2010. 12 PCHs 473.81 MW 38.60 MW PCH = Small Hydro Power Plant

## Business Opportunities: biomass cogeneration

#### CEMIG

### Sugar and ethanol potencial in Minas gerais

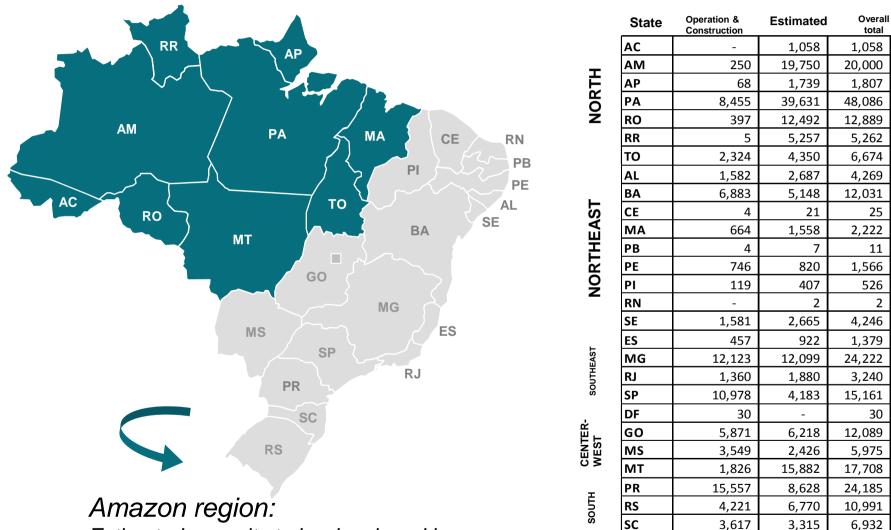
Plants	Quantity*	Generatn. (MWa**)	Surplus (MWa**)
Existing	12	750	300
Expected	22	2,416	1,631
Total	34	3,166	1,931

\* Just includes plants available to generate and sell power \*\*Average generation in 6 months of the year

- ✓ Approximately 75% of the plants are located in the heavy-industry region known as the Minas Triangle
- ✓ Generation available from April to September, the dry season for the hydro power plants
- ✓ Solutions offered by Cemig through its subsidiaries:
  - Connection of Plants to the national electricity grid.
  - Sale of excess electricity generated not consumed by the Plant itself.
  - Formation of corporate partnerships, creating Special-purpose Companies, to

implement or retrofit thermal plants.

### Brazilian hydroelectric power generation potential



Estimated capacity to be developed is 63% of the total available

Source: Eletrobrás (SIPOT).

82,671

159,915

Total

242,586

# Wind power

Cemig is one of the pioneer companies in terms of wind generation in Brazil through the *Morro do Camelinho* plant, which was connected to the grid in 1992.

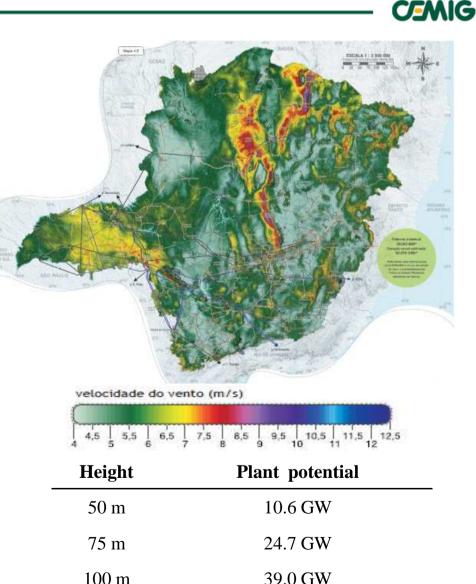
#### Wind power map of Brazil:

Brazil has a theoretical wind power generation potential of 143.5 GW, estimated at a height of 50 meters <sup>(1)</sup>. This is more than the total volume of generation capacity currently installed in the country of 108.4 GW <sup>(2)</sup>. Wind power currently supplies 0.71% of this total, or 765.5MW <sup>(2)</sup>.

#### Wind power map of Minas Gerais:

The Wind Atlas of Minas Gerais indicates wind potential of 39 GW, for a height of 100 meters <sup>(3)</sup>. This is 2.7 times the output of the Itaipu Plant, or 3.5 times more than Cemig's Belo Monte Plant.

(1) Source: Atlas of Brazilian Wind Potential.
(*www.cresesb.cepel.br/atlas\_eolico\_brasil/atlas.htm*)
(2) Source: Aneel
(*http://www.aneel.gov.br/aplicacoes/capacidadebrasil/capacidadebrasil.asp*)
(3) Source: Wind Atlas Minas Gerais.



- 3,150 MW of installed capacity
- 2,218 MWAverage of energy > Capacity Factor (CF) of 69%;
- Price: R\$78.87/MWh (equivalent to R\$99/MWh for a traditional 55% CF Hydro Power in Brazil)
- Winner consortium:
  - 10% Cemig
  - 39% Furnas
  - 20% FIP (Investment Fund) Amazônia Energia
  - 18.6% Odebrecht
  - 12.4% Andrade Gutierrez
- Start-up schedule:
  - 140 MW in 2012; 860 MW in 2013; 860 MW in 2014; 860 MW in 2015 and 430 MW in 2016
- Construction on schedule

## Santo Antônio hydro plant – basic information

CEMIG

- Low-fall plant (13.9 m), average estimated flow 568 m<sup>3</sup>/s, lake 271 km<sup>2</sup>, resulting in lower ratio between reservoir area and total energy generated than in other Amazon region plants: index of 0.09
  - Balbina (250 MW, 2,360 km<sup>2</sup> reservoir): index 9.44
  - Samuel (217 MW, 584 km<sup>2</sup> reservoir): index 2.69
  - Manso (210 MW, 387 km<sup>2</sup> reservoir): index 1.84
  - Tucuruí (4,000 MW, 2,414 km<sup>2</sup> reservoir): index 0.61
  - Belo Monte (11,000 MW, 440 km<sup>2</sup> reservoir): index 0.04
- Low population on banks of Madeira River:

1,762 people affected ,in 415 homes

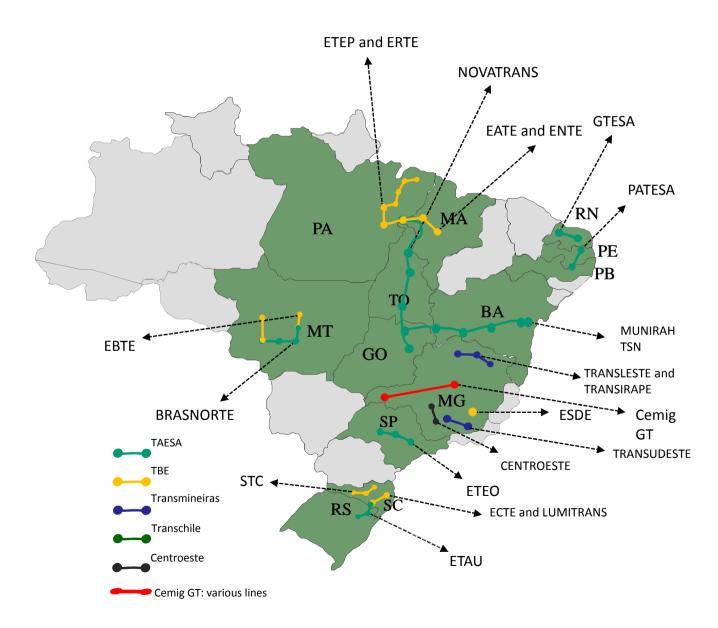
- EPC Group
  - Construction leaders:
    - Norberto Odebrecht and Andrade Gutierrez
  - Manufacturers of rotors and generators:
    - Alstom, VA Tech Hydro and Voith

## Power Transmission Capacity (Km)

	2005	2006	2007	2008	2009	Aug/10
525-Kv lines	0	0	0	51	77	101
500-kV lines	2,165	2,592	2,488	2,788	3,594	4,679
345-kV lines	1,976	1,969	2,001	2,001	2,167	2,358
230-kV lines	751	803	824	915	1,668	1,891
Total	4,892	5,364	5,313	5,755	7,506	9,029

- Charrúa Nueva Temuco transmission line start-up in Jan. 2010:
  - 220 kV, 205 km
- Cemig stands for 10% of Brazil's market

## Transmission: Present all over Brazil



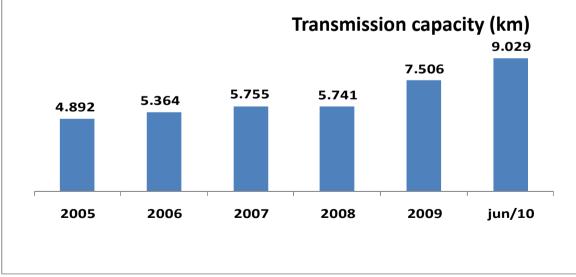
 Cemig is now
 Brazil's third largest transmission group:

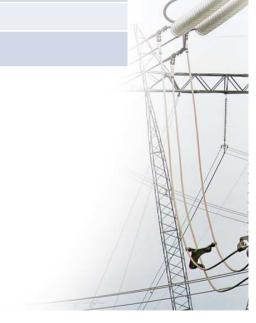
- ▶ Total lines: 8,348 Km
- Consolidated
   Permitted Annual
   Revenue (RAP): R\$ 859
   million, including
   Transchile
- Present in 13 States of
   Brazil and in Chile

## Power Transmission: Expansion

- ✓ Acquisitions in 2009:
  - > Taesa (formerly Terna): R\$ 2.03 billion (R\$ 957 million in 2010, with 100% acceptance of the minority shareholders)
  - Increased stake in TBE: R\$ 605 million

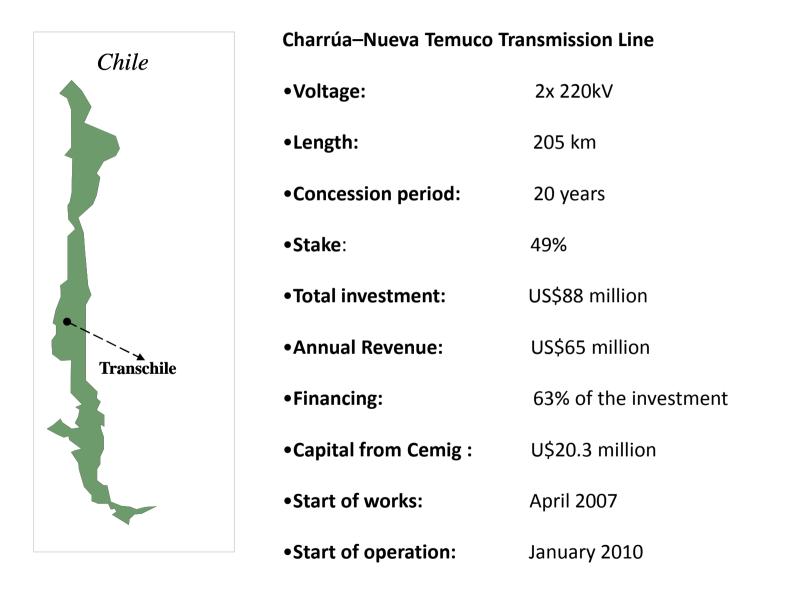
ASSETS	RAP (Permitted Annual Revenue) - R\$ million	Cemig stake (%)	Start up date	
EBTE (775km) <sup>1</sup>	27.3	68% <sup>3</sup>	06/2010 (partial)	
Transm. Centro Oeste	10.5	51%	03/2010	
Santos Dumont substation <sup>2</sup>	8.3	<b>40%</b> <sup>3</sup>	05/2011	





<sup>1</sup> EBTE: indirect holding through EATE.

#### Start up in Chile: First international step



## **Power Transmission auctions**

#### CEMIG

#### 2009 Auctions

- May, 8th
  - 12 lots totaling 2,492.5km of lines
  - 19 transmission lines and 8 substations
  - Total RAP (max): R\$ 229.4 million
- Cemig won, through ETEP, the Santos Dumont Substation
  - 345/138 KV
  - RAP: R\$ 8.32 million
  - Startup: November 2010
- November, 27th
  - 8 lots totaling 1,079Km
  - 11 transmission lines and 8 substations
  - Total RAP (max): R\$ 170.8 million

#### • 2010 Auctions

- June, 11th
  - 9 lots totaling 700 Km of lines
  - These assets will be built in 7 states
  - 11 substations and 4 transmission lines
  - Total RAP (max): R\$ 84 million

## THE 1<sup>st</sup> TRANSMISSION TARIFF REVIEW

#### CEMIG

The criteria of this Tariff Review were set by Aneel Normative Resolution 257/07, the principal ones being:

- **a. WACC:** 9.18% p.a.
- **b. Operational Costs:** Defined by application of efficiency parameters, obtained by the DEA benchmarking method, to companies' real costs.

DESCRIPTION	PREVIOUS VALUE (R\$)	REVIEW VALUE (R\$)	
Total Annual Permitted Revenue (RBSE + RBNI)	316,107,885.62	333,010,887.33	
Tariff Repositioning	5.35%		

- Backdated payment, including monetary updating: R\$ 158 million.
- RAP for 2009 (with charges/taxes) goes to R\$ 475 million.
- Gross base: R\$ 2.5 billion
- Net base: R\$ 1.1 billion

The financial effects of this review are taken into account in Cemig's Guidance for 2010.



Network in km	2007	2008	2009	jun/10
SUB-TRANSMISSION	16,676	16,810	16,959	17,213
161-kV lines	55	55	55	55
138-kV lines	11,145	11,254	11,442	11,695
69-kV lines	4,510	4,535	4,508	4,508
Lines below 69 kV	966	966	954	955
DISTRIBUTION	429,560	442,749	450,316	456,800
Urban Overhead lines	90,524	91,550	95,539	101,311
Urban Underground lines	1,049	1,380	1,432	2,144
Rural Overhead Lines	337,987	349,819	353,345	353,345
TOTAL	446,236	459,559	467,275	474,013

- Cemig stands for 12% of Brazil's installed capacity
- We are the largest distribution network as measured by either Km of lines and number of consumers

## **Distribution: Expansion**

CEMIG

- ✓ Acquisitions in 2009:
  - Increase of stake in Light, jointly with an FIP: 26.06%\*
    - R\$ 785 million for each block of 13.03% in Light
    - Payment to AG Concessões after necessary approvals
    - Payment to PCP after approvals and stockholding reorganization of Equatorial
- ✓ Light announces new Executive Board
  - > Leadership of Gerson Kelman ensures stability in transition
  - > Three new Chief Officers, coming from Cemig
    - More than 25 years activity in electricity sector
    - Will operate in strategic areas: distribution, generation, finances
  - > Challenges are: improvement of operational indicators; and

capture of synergies with Cemig

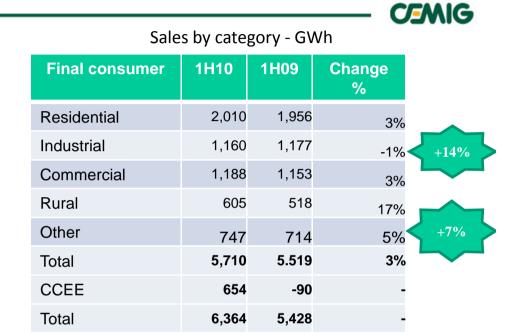
\*First block paid

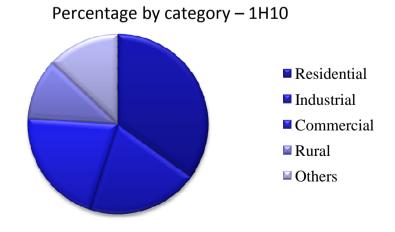
## Cemig D: sales by category in march 31, 2010

+15% 6.364 5.519 1H09 1H10

Electricity sold – GWh: Changes, 1Q10

- Exceptional increase in demand in the concession area reflects recovery in the economy of Minas Gerais.
- Including migration of Free Clients, total volume expanded 12%, industrial user category expanded 11%.

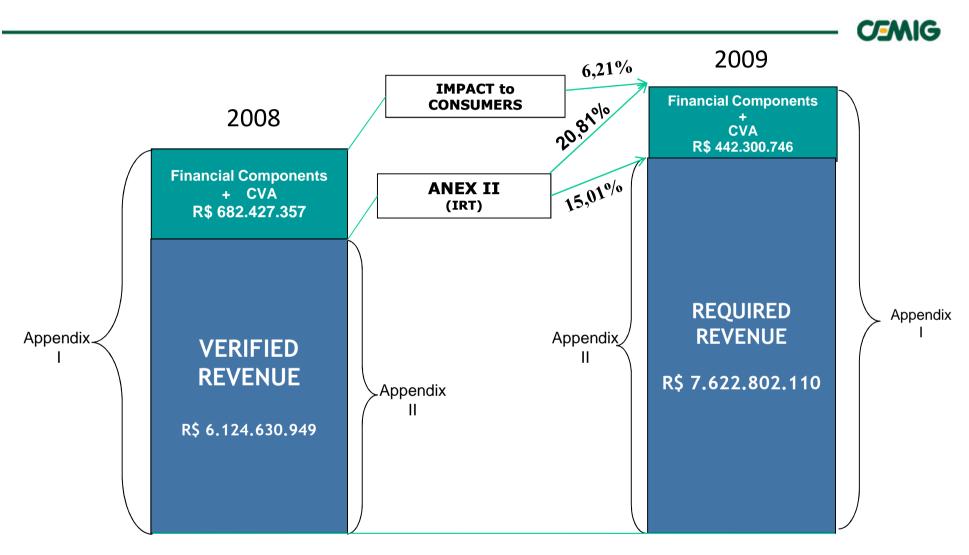




## Electricity Distribution tariff review

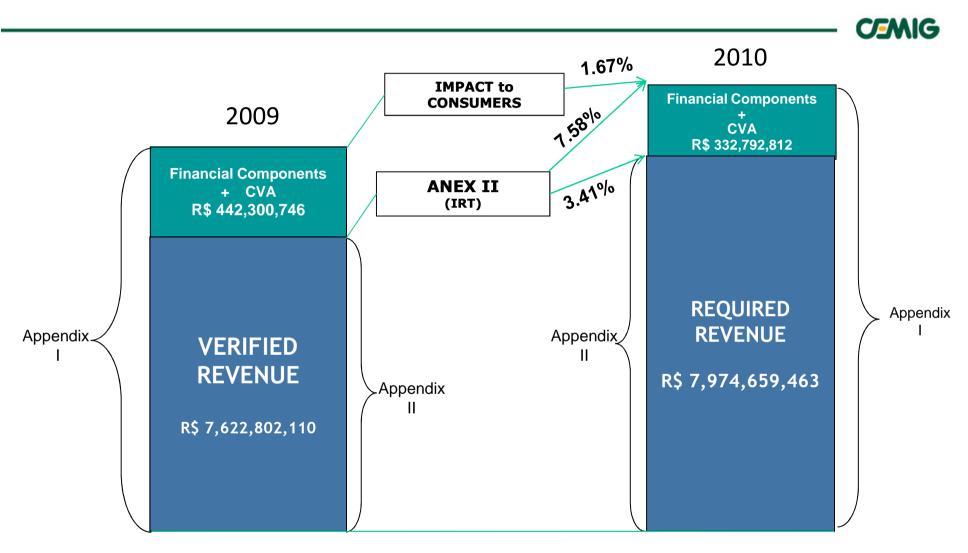
- Allowed return on asset approach:
  - Benchmark WACC: was 11.26%;
  - Tariff review: WACC of 9.95%.
- New Tariff Review methodology:
  - Reference company model disclosed:
    - Black box opened.
  - Asset base review every 10 years (2 cycles): CEMIG in 2013;
  - Regulatory energy losses and delinquency rate specific for each concession area;
  - Special obligation financed asset depreciation will be granted in the long run;
  - X Factor: excluded the influence of Consumers Satisfaction Index.
- Cemig Distribution 2<sup>nd</sup> tariff review:
  - 2008 Preliminary Result: -12.24%
  - 2009 Final result: -13.66%
    - Regulatory Ebitda Margin: 21%
    - Losses coverage: sufficient
    - Market Growth: 3.17% p.a. (less risk than in 2003)
    - X Factor (Xe) : 0.14%

### Cemig D 2009 readjustment and Impact on Tariff



Appendix I: Tariffs billed to consumers, including RTE, CVA and financial components, without taxes. Appendix II: Tariffs considered "clean", base for posterior readjustments, without taxes (ICMS, Pasep/Cofins)

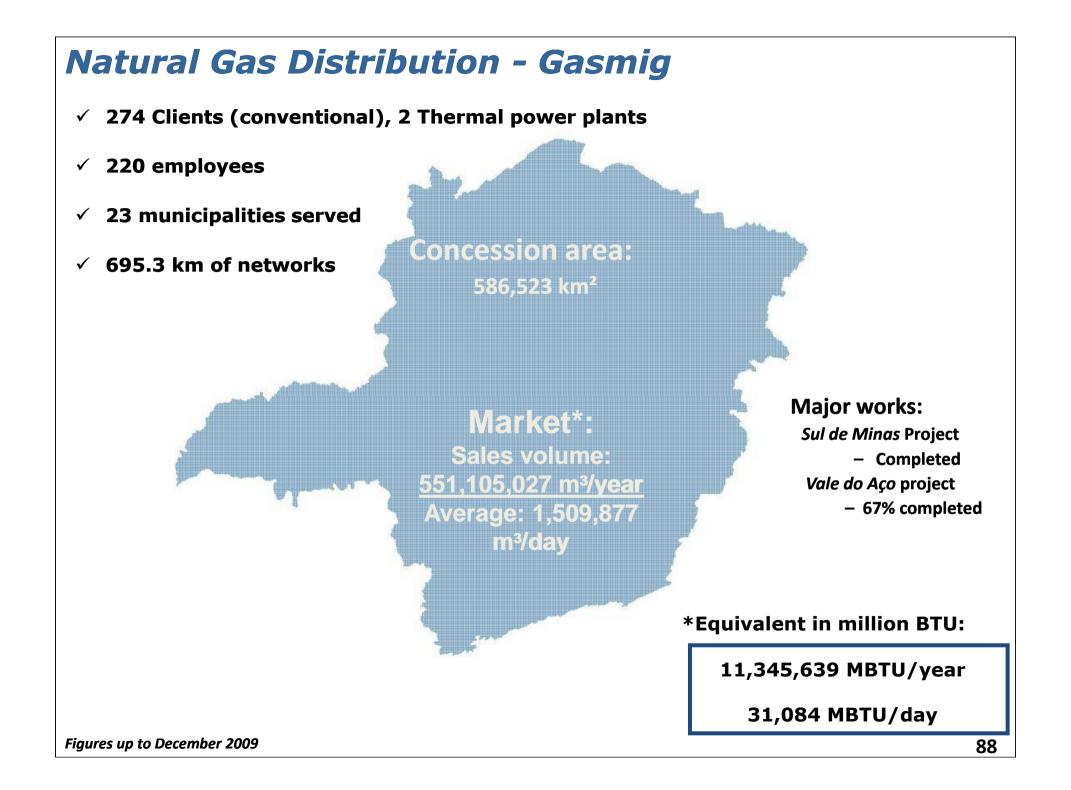
## Cemig D 2010 readjustment and Impact on Tariff



Appendix I: Tariffs billed to consumers, including RTE, CVA and financial components, without taxes. Appendix II: Tariffs considered "clean", base for posterior readjustments, without taxes (ICMS, Pasep/Cofins)



1 <sup>st</sup> Tariff Review 2003	2 <sup>nd</sup> Tariff Review 2008	2 <sup>nd</sup> Tariff Review 2009 Final
<ul> <li>Regulatory Ebitda Margin: 21.2%</li> </ul>	<ul> <li>Regulatory Ebitda Margin: 21%</li> </ul>	<ul> <li>Regulatory Ebitda Margin: 21%</li> </ul>
<ul> <li>Losses coverage: inadequate</li> </ul>	<ul> <li>Losses coverage: sufficient</li> </ul>	Losses coverage:     sufficient
<ul> <li>Market Growth: 3.7% p.a. (with risk of being lower; at the time, was 2.0% p.a.)</li> </ul>	<ul> <li>Market Growth: 3.17% p.a. (less risk than in 2003)</li> </ul>	<ul> <li>Market Growth: 3.17% p.a. (less risk than in 2003)</li> </ul>
• X Factor (Xe): 1.25%	<ul> <li>X Factor (Xe) : 0.84%</li> </ul>	<ul> <li>X Factor (Xe) : 0.14%</li> </ul>



#### Natural Gas Expantion: Cemig's consortium wins Brazilian Oil and Gas Bids

 Strategic initiative seeks means to ensure supply of natural gas for distribution, through Gasmig, and for thermal power generation

#### **Consortium Structure**

✓ Cemig's stake in the consortium of 24.5%

- ✓ Private partners provide expertise (51% as a whole)
  - ✓ Orteng Equipamentos e Sistemas
  - ✓ Comp Exploração e Produção de Petróleo e Gás
  - ✓ Delp Engenharia Mecânica
- Companhia de Desenvolvimento de Minas Gerais, 24,5%

#### Winning Bid

- Signature Bonus of R\$ 11.3 million to be paid as of the signature of the Concession Contracts (expected date: april/2009)
- Minimum Exploratory Program of R\$ 25.6 million.
   Represents a commitment, with the Oil and Gas National Agency, to investment over the next 4 to 5 years

					Winning bids		
Exploratory Block	Location	Characteristics	Expected Fluid	Signature Bonus (R\$ ´000)	Minimum Exploratory Program (R\$ ´000)	Total Bid	Qualified Operator
POT-T-603	Potiguar basin of the State of Rio Grande do Norte	Mature basin	Light crude oil	R\$ 2,001	R\$ 4,038	R\$ 6,039	SIPET
REC-T-163	Recôncavo basin of the State of Bahia	Mature basin	Light crude oil	R\$ 2,501	R\$ 4,470	R\$ 6,971	COMP
SF-T-104	São Francisco River basin of the State of Minas Gerais	New frontier	Dry gas	R\$ 4,000	R\$ 6,530	R\$ 10,530	COMP
SF-T-114	São Francisco River basin of the State of Minas Gerais	New frontier	Dry gas	R\$ 2,001	R\$ 6,530	R\$ 8,531	Orteng
SF-T-120	São Francisco River basin of the State of Minas Gerais	New frontier	Dry gas	R\$ 401	R\$ 2,000	R\$ 2,401	COMP
SF-T-127	São Francisco River basin of the State of Minas Gerais	New frontier	Dry gas	R\$ 401	R\$ 2,000	R\$ 2,401	Orteng



•Background

•Strategy Overview

•Business Outlook

## Acquisitions

•Results

•Market Recognition

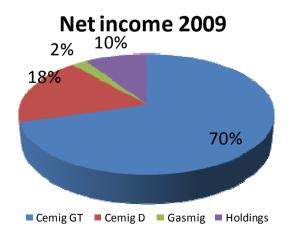
•Regulatory Framework

•Others

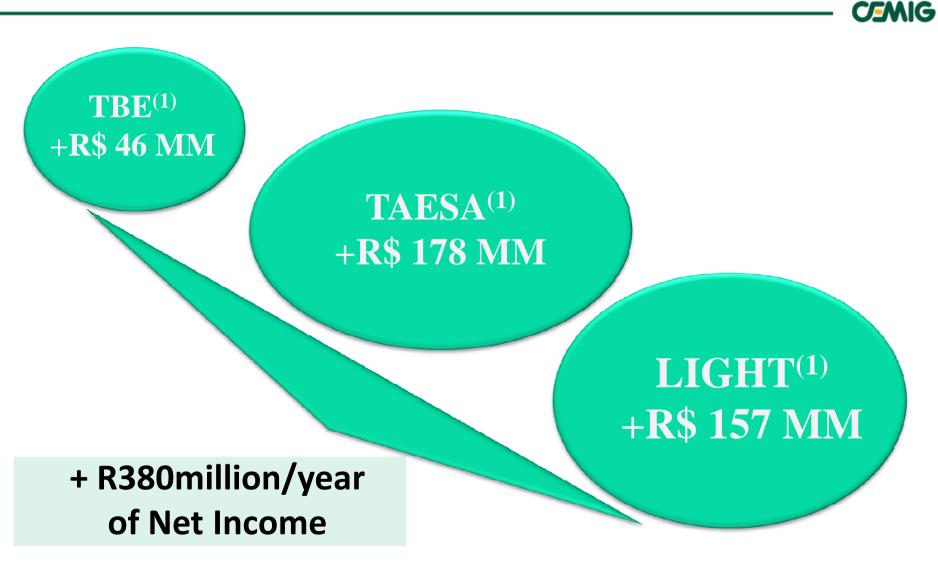
# Aquisitions leverage results

Assets	2004	2005	2006	2007	2008	2009	Total
Value inves	ted in acquisition	s R\$ Million					Total
Rosal	136.7						136.7
TBE			349.3	3.6	3.6		356.6
Light			174.6				174.6
Total	136.7	-	523.9	3.6	3.6		667.8
Contributio	n to net income						
Rosal	(5.6)	18.9	18.7	18.9	120.5	23.4	
TBE			24.7	28.9	36.4	79.1	
Light			(19.6)	147.1	128.5	78.8	
Total	(5.6)	18.9	23.8	194.9	184.4	181.3	
Dividends r	eceived						Total
Rosal			13.3	17.7	17.4	58.9	107.3
TBE			10.4	33.9	32.8	29.4	106.4
Light				67.7	107.1	92.9	267.7
Total	-	-	23.7	119.3	157.3	181.2	481.5

- ✓ R\$ 181 million of 2009 consolidated Net income came from acquisitions made in 2004–2008
- $\checkmark$  2009 P/E of these acquisitions is 3.7
- ✓ Dividends and other proceeds received from these companies represent 72% of the amount invested.



# Holdings acquired in 2009 add immediate income

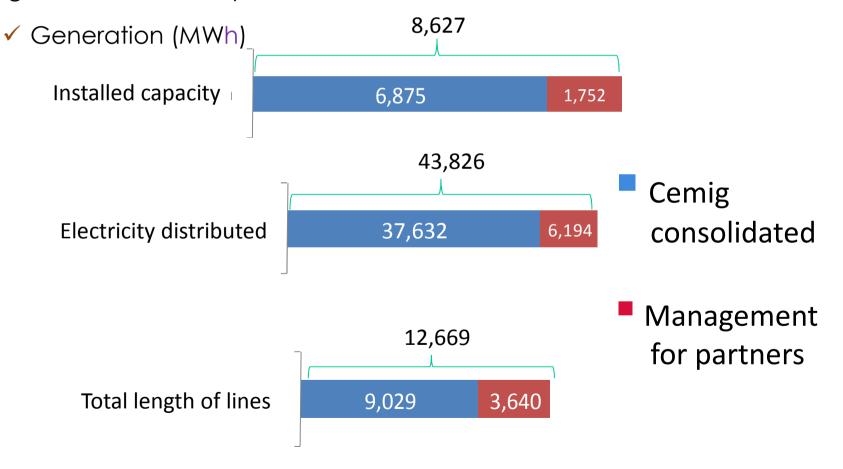


(1) 2009 numbers are pro-forma; they include the increased stake in **Light** (from 13% to 26%) and **TBE** (from 17% to 39%), and assume 100% subscription to the public offer to buy the free float of **Taesa**.

# Cemig Group grows through management of assets

CEMIG

✓ As well as operators, we have become managers of assets, in all segments of electricity:





#### ✓ Cemig successfully concluded increase of stake in TBE

Stakes before the acquisition							
	EATE	ECTE	ENTE	ERTE	ETEP		
CEMIG	17.68%	7.50%	18.35%	18.35%	19.67%		
Eletrobrás	29.30%	0%	0%	0%	21.33%		
Other partners	53.02%	92.50%	81.65%	81.65%	59.00%		
Stak	es after acq	uisition of	Brookfield	's shares			
CEMIG	35.34%	13.37%	36.69%	36.69%	39.33%		
Eletrobrás	29.30%	0%	0%	0%	21.33%		
Other partners	35.36%	86.63%	63.31%	63.31%	39.34%		

On July 14, 2009 Cemig acquired the 4.9% of the shares held by Brookfield in the companies of the TBE Group, EATE, ENTE, ERTE and ETEP and 3.8% of ECTE, for R\$ 25,047,488.02. Including the transaction made on June 30, 2009, in which Cemig acquired 95% of Brookfield's shares in TBE (74.5% in ECTE), the total disbursed was R\$ 504,976,101.08.

## Acquisitions



- ✓ Approved by the Board of Directors on October 29
- ✓ Seller: MDU Resources Luxembourg II LLC, S.à.r.I
- ✓ Approximate amount: R\$100 million referring to September 30, 2009. Final amount depends on whether or not the partners exercise their right of first refusal
- $\checkmark$  Shares in the following companies will be acquired:

Company	Voting Capital	Total Capital
ENTE	13.3%	13.3%
ERTE	13.3%	13.3%
ECTE	Up to 10%	Up to 10%

- The operation still depends on approval by ANEEL, BNDES and other financing entities
- ✓ This acquisition shows Cemig's growth strategy through minority shares, ensuring partners the right of first refusal

## Acquisitions: Increase in the TBE stake



#### TBE after acquisition of Brookfield

#### %TOTAL EQUITY

	EATE	ECTE	ENTE	ERTE	ETEP
Alupar	35.35%	40.01%	50.01%	50.01%	39.34%
Eletrobrás	29.30%	0.00%	0.00%	0.00%	21.33%
Celesc	0.00%	21.62%	0.00%	0.00%	0.00%
Cemig	35.34%	13.37%	36.69%	36.69%	39.33%
MDU	0.00%	25.00%	13.30%	13.30%	0.00%
	100.00%	100.00%	100.00%	100.00%	100.00%

TBE	after	acquisition	of MDU
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#### %TOTAL EQUITY

	EATE	ECTE *	ENTE	ERTE	ETEP
Alupar	35.36%	53.35%	50.01%	50.01%	39.35%
Eletrobrás	29.30%	0.00%	0.00%	0.00%	21.33%
CELESC	0.00%	28.83%	0.00%	0.00%	0.00%
CEMIG	35.34%	17.82%	49.99%	49.99%	39.33%
	100.00%	100.00%	100.00%	100.00%	100.00%

\* Considers that all partners will exercice prefference rights from MDU stake

✓ The leverage participation of CEMIG in TBE will be 46,8% in common shares and 38,13% of Capital Total. After buying all eletrobras shares, the participation in the Total Equity and Common shares will be 46,8%.

EBITDA (pro-forma)	9M09	2008
EATE	182,126	208,432
ECTE	36,910	45,999
ENTE	83,832	104,495
ERTE	14,556	18,111
ETEP	36,094	45,547
Total	353,518	422,584
CEMIG stake	161,061	71,125

## Description of TBE group



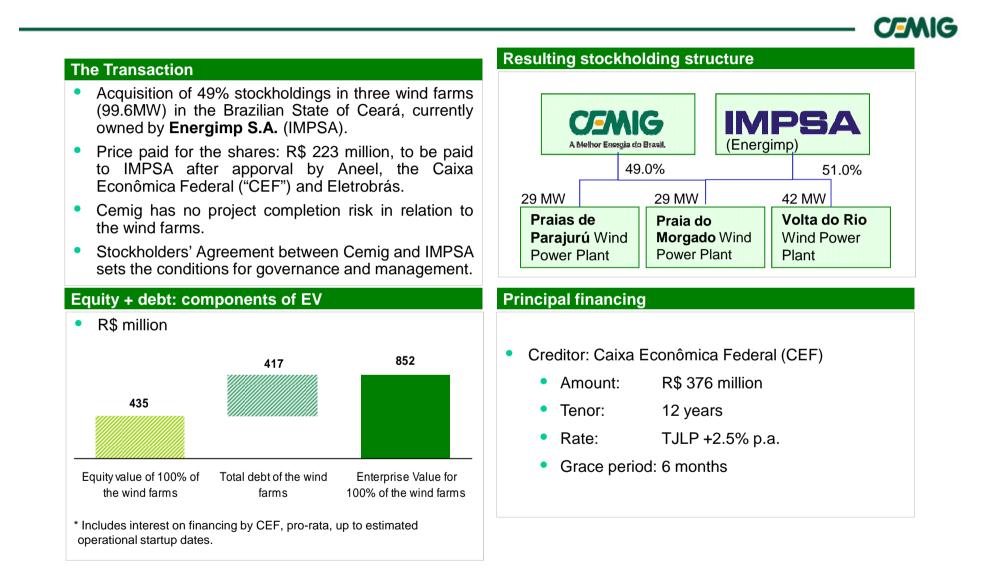
Company	Line/Substation	Length (Km)	Capacity(kV)	Start-up
EATE	Tucuruí (PA) a Presidente Dutra (MA)	927	500	mar/03
ECTE	Blumenau (SC) a Campos Novos (SC)	253	525	mar/02
ENTE	Tucuruí (PA) a Açailândia (MA)	458	500	fev/05
ERTE	Vila do Conde (PA) a Santa Maria (PA)	155	230	set/04
ETEP	Tucuruí (PA) a Vila do Conde (PA)	324	500	ago/02
STC	Barra Grande (SC) a Rio do Sul (SC)	184	230	nov/07
LUMITRANS	Machadinho (SC) a Campos Novos (SC)	40	525	out/07
EBTE	LT Juína-Maggi	775	230	jun/10
TOTAL		3,115		

\*\* Resolução Aneel 843 of 06/25/2009

#### Expansion of TBE Group

Length of transmission network/km	CEMIG %	2008	2009	2010
EBTE*	65.73			775
Km added			-	775
Cemig stake (Km)				509
CEMIG TOTAL				509

\* EBTE: Cemig GT holds a 51% interest in EBTE and EATE detains the remaining 49% stake.



## Acquisition of holdings in wind farms: The Assets



ocations	Volta do Rio	Volta do Rio Wind Powe     Location: Acaraú	r Plant (240km from Fortaleza), Ceará
	Parajurú	<ul> <li>Equipment:</li> <li>Installed capacity:</li> <li>Load factor :</li> <li>Energy contracted:</li> <li>Cliente (Proinfa):</li> <li>Price of electricity:</li> <li>Concession period:</li> </ul>	28 rotors of 1,500KW each 42.0MW >45% 161.2GWh / year Eletrobrás Proinfa 30 years
4		Concession period.	
Praias de Parajurú Wind	d Power Plant	Praia do Morgado Wind	-
	d Power Plant 102km from Fortaleza), Ceará	Praia do Morgado Wind	-
		Praia do Morgado Wind	Power Plant
Location: Beberibe	102km from Fortaleza), Ceará	<ul> <li>Praia do Morgado Wind</li> <li>Location: Acaraú</li> </ul>	Power Plant (240km fromFortaleza), Ceará
Location: Beberibe ( Equipment:	102km from Fortaleza), Ceará 19 rotors of 1,516KW each	<ul> <li>Praia do Morgado Wind</li> <li>Location: Acaraú</li> <li>Equipment:</li> </ul>	Power Plant (240km fromFortaleza), Ceará 19 rotors of 1,516KW each
Location: Beberibe ( Equipment: Installed capacity:	102km from Fortaleza), Ceará 19 rotors of 1,516KW each 28.8MW	<ul> <li>Praia do Morgado Wind</li> <li>Location: Acaraú</li> <li>Equipment:</li> <li>Installed capacity:</li> </ul>	Power Plant (240km fromFortaleza), Ceará 19 rotors of 1,516KW each 28.8MW
Location: Beberibe Equipment: Installed capacity: Load factor:	102km from Fortaleza), Ceará 19 rotors of 1,516KW each 28.8MW >45%	<ul> <li>Praia do Morgado Wind</li> <li>Location: Acaraú</li> <li>Equipment:</li> <li>Installed capacity:</li> <li>Load factor :</li> </ul>	Power Plant (240km fromFortaleza), Ceará 19 rotors of 1,516KW each 28.8MW >45%
Location: Beberibe Equipment: Installed capacity: Load factor: Energy contracted :	102km from Fortaleza), Ceará 19 rotors of 1,516KW each 28.8MW >45% 106.6GWh / year	<ul> <li>Praia do Morgado Wind</li> <li>Location: Acaraú</li> <li>Equipment:</li> <li>Installed capacity:</li> <li>Load factor :</li> <li>Energy contracted :</li> </ul>	Power Plant (240km fromFortaleza), Ceará 19 rotors of 1,516KW each 28.8MW >45% 115.6GWh / year

# Terna acquisition - Transaction Summary

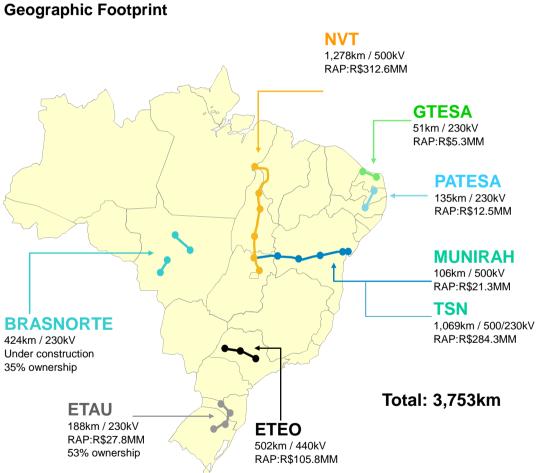
- ✓ Power Transmission Company with 3,753 km of lines in 11 Brazilian
   States
- ✓ Payment of R\$ 2.15 billion on November 3, 2009
  - The operation involved the purchase of 85.26% of the voting capital, and 65.85% of the total capital
    - Price paid is equal to R\$ 37.14 per "unit" (2 preferred shares + one common share)
    - Represents a multiple of nearly 7.6 times EBITDA
- ✓ Acquisition in partnership with Investment Fund FIP Coliseu
  - Largest FIP created to invest in the Brazilian electricity sector: R\$ 1.33 billion
    - Attractive to investors, as it comprises assets already in operation
- ✓ Innovative acquisition structure enables Cemig to use it in other expansion opportunities, in line with its long-term Strategic Plan

- ✓ In line with the Long-term Strategic Plan
- $\checkmark$  Vehicle for growth in the transmission sector
- $\checkmark$  Synergies with Cemig's transmission assets, including TBE
- ✓ Operational and corporate gains
- ✓ Possibility of improving Ebitda margin
- ✓ Partnership with an FIP reduces the disbursement on the acquisition, facilitating further acquisitions for Cemig – already in negotiation
- ✓ To ensure future increase of Cemig's share in the transmission sector up to the target specified by the Long-term Strategic Plan

#### Transmissora Aliança de Energia Elétrica S.A - Taesa Overview

CEMIG

#### **Overview of Concessions** Start-up Concession Line Date Term TSN abr-03 dez-30 GTESA jul-03 jan-32 PATESA mar-04 dez-32 fev-34 Munirah nov-05 abr-04 Novatrans dez-30 ETAU mai-05 dez-32 ETEO out-01 mai-30 under Brasnorte mar-38 construction

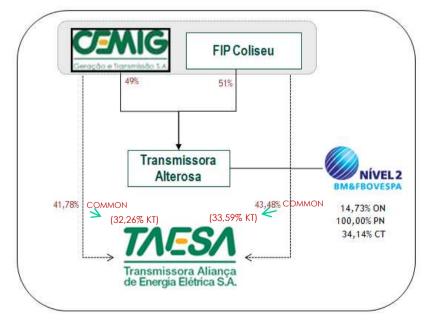


#### FIP Coliseu: Efficient vehicle for growth in Transmission

CEMIG

- On November 4th, 2009, Cemig GT, jointly with FIP Coliseu, acquired 65.85% of Terna Participações S.A., through Transmissora do Atlântico de Energia Elétrica S.A.
- Atlântico was split, creating Transmissora Alterosa, which will be responsible for the public offer to acquire the free float from minority stockholders.
- Terna absorbed Atlântico, and its name was changed to Transmissora Aliança de Energia Elétrica S.A. "<u>Taesa</u>".

#### Taesa: Present structure



- After the public offer to buy shares, assuming 100% acceptance, the shares bought will be:
  - common shares: 49% Cemig GT and 51% FIP
  - preferred shares: 100% Cemig GT



✓86% of minority shareholders accepted

✓ Updated price per share: R\$ 12.91 (R\$ 38.73 per Unit)

✓Total investment in this offer: R\$ 831 million

✓ Settlement: May 11<sup>th</sup>

✓ Cemig's final interest:

- 56.7% total capital
- 48.0% ON shares
- 86.2% PN shares

## Increasing stake in Light creates new opportunities

- ✓ Cemig D and Light represent almost 16% of electricity distributed in Brazil in 2008
  - Tradition and experience in Light and Cemig brought closer
  - Opportunity to capture synergy gains between assets and processes
- ✓ Cemig GT and Light have opportunities to jointly create value
  - Partnerships have already been made for construction of new hydro plants (PCH Paracambi is already feasible)
  - Opportunity to capture synergy gains in sales in the Free Market
  - Light's "assured energy" will be re-priced in 2013 and 2014, strong likelihood of increasing
- Cemig increases its exposure to one of Brazil's fastest-growing economies
  - Major increase in investment in the economy of Rio de Janeiro, due to pre-salt oil, and other industrial projects
  - Positive impact in the economy of Rio de Janeiro derived from the Olympics and Soccer World Cup

# Summary of the transaction



- Restructuring of the controlling shareholding block of Light
  - AG Concessões and PCP (Equatorial) will sell their stakes in Light
  - Equatorial will undergo a shareholding reorganization
  - Cemig will be a minority shareholder in a Special-purpose Company (SPC) constituted jointly with a new FIP
  - The SPC will hold a stake of up to 26.06% in Light
- Price of the transaction:
  - R\$ 785 million for each 13.03% block of Light, equivalent to approximately R\$ 29.54 per share
  - Payment to AG Concessões after any required approvals
  - Payment to PCP after approvals and the shareholding restructuring of Equatorial
  - Price updated by the Cetip CDI rate\*, from December 1, 2009
- Good returns and known level of risk:
  - Price paid is 7.22 x 2009 Ebitda, and 6.36 x 2010 Ebitda, according to market consensus figures of November 2009.

## Increasing stake in Light marks the beginning of a new era

- CEMIG
- ✓ The increase of Cemig's stake marks the beginning of a second stage in Light's history
  - With the selling of the financial partners' stakes it will be possible to increase the synergy between Cemig and Light
  - Corporate Governance structure will be preserved
  - A new era for Light will be marked by company's growth and improvement in its operational and technical standards, preserving the excellence, culture and values of Light's employees.
  - Market recognition shows that Light is in a growing path.
- ✓ Natural development from the acquisition made in 2006 (1st stage)
  - Turnaround achieved
    - Financial restructuring
    - The company became profitable and began to distribute dividends
    - Interest are aligned between shareholders
  - Acquired in partnership with three partners, through RME
- ✓ Adding value for all shareholders Light and Cemig
  - Regulated business with predictable revenue at each tariff cycle
  - Stable cash flow, with defensive profile

Strategy of growth through partnerships has been successful (Light, TBE, Terna)



•Background

•Strategy Overview

•Business Outlook

•Acquisitions

## •Results

Market Recognition

•Regulatory Framework

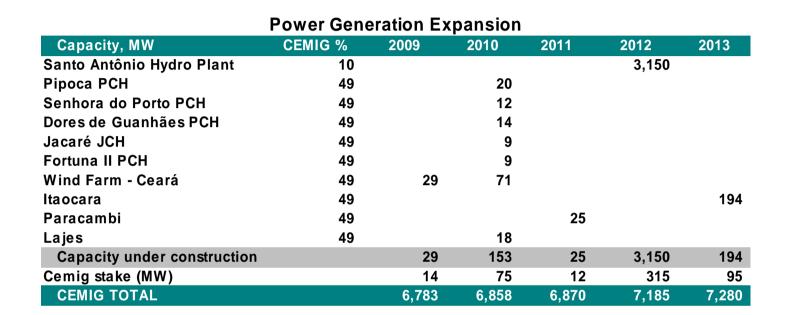
•Others

#### Investment program

Activity	2009	2010	2011	2012
Basic program <sup>(1)</sup>	768.4	800.8	953.2	1,062.0
Generation	55.8	132.8	61.4	84.0
Transmission	114.5	52.9	18.6	30.2
Distribution	598.1	614.4	873.0	945.5
Holding	-	0.7	0.2	2.3
Luz Para Todos ("Light for All") – Cemig	164.0	536.9	(160.2)	-
Luz Para Todos – Total	164.0	827.7	-	-
CDE	-	(215.8)	(32.0)	-
Minas Gerais State	-	(75.0)	(128.2)	-
Acquisitions	1,797.5	1,791.5	8.1	10.8
Terna Participações	1,069.9	956.8 <sup>(2)</sup>	-	-
TBE (Acquisition - Brascan)	505.0	-	-	-
TBE (Acquisition - MDU)	-	117.3	-	-
TBE (Share buyback)	3.7	6,4	8.1	10.8
Wind Farms	218.9	-	-	-
Light (49% of AGC+EQTL)	-	711.0	-	-
Overall total	2,729.9	3,129.1	801.1	1,072.8

(1) Amounts estimated as from 2010, in accordance with corporate planning, at June 2010 prices. Includes basic investments for upkeep of the routine work of distribution, generation, transmission and the Holding Company.

(2) Based on 100% acceptance of the Public Offering



#### **Power Transmission Expansion**

Length of transmission network/km	CEMIG %	2009	2010
Furnas – Pimenta – 345 Kv	49	75	
Charrua-Nueva Temuco - 220 KV	49	205	
EBTE	65.73		775
Km added		280	775
Cemig stake (Km)		137	509
CEMIG TOTAL		7,871	8,381



R\$ thousand

	2008	2009	2010	Total
Light for All Program - 2	211,819	254,181	-	466,000
Eletrobras CDE	78,999	94,810	-	173,809
Eletrobras RGR	67,150	80,588	-	147,738
Minas Gerais state	-	75,000	75,000	150,000
Own Funds	65,670	3,783	-	(5,547)
Target – number of consumers	25,000	30,000	-	55,000
R\$ per connection	8,472.76	8,472.70	-	8,472.73

(\*) Value of passthrough to tarrif being negotiated with Eletrobrás and Aneel

- Expansion of the Light for Everyone Program is made possible because of government subsidies.
- ✓ The values in this chart are indicative only and will be revised considering the real values of 2008

#### Large Growth in Cash Flow



Cash Flow Statement (consolidated)

Values in million of Reais

	2nd Q. 2010	1st Q. 2009
Cash at start of period	4.495	4.425
Cash from operations	600	1.287
Net income	291	419
Depreciation and amortization	208	190
Suppliers	(13)	(77)
Deferred Tariff Adjustment	(2)	-
Other adjustments	116	755
Financing activity	(75)	73
Financing obtained	722	3.197
Payment of loans and financing	(331)	(3.124)
Interest on Own Capital and Dividends	(466)	-
Investment activity	(1.265)	(1.290)
Investments outside the concession area	(427)	39
Investments in the concession area	(838)	(1.329)
Special obligations - consumer contributions	-	-
Cash at the end of period	3.755	4.495

✓ Cash position provides flexibility to financial management

## Consolidated net revenue

 Growth in net revenue reflects business diversification, and positive effects of acquisitions (RME/Light S.A. and TBE companies)

	2nd Q. 2010	2nd Q. 2009	Chge%
Sales to end consumers	3.428	3.129	10
TUSD	395	325	22
Subtotal	3.823	3.454	11
Supply + Transactions in the CCEE	367	464	(21)
Revenues from Trans. Network	250	298	(16)
Gas Supply	96	79	22
Others	(11)	142	(108)
Subtotal	4.525	4.437	2
Deductions	(1.571)	(1.465)	7
Net Revenues	2.954	2.972	(1)

١G

С

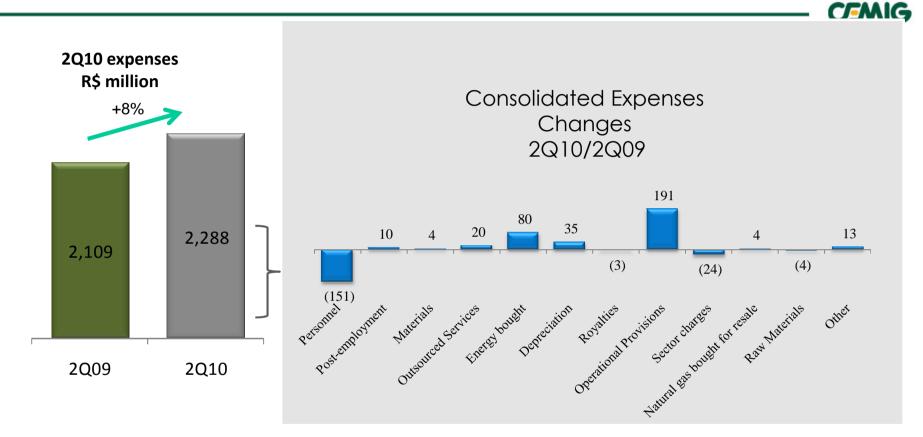


#### Operating Expenses (consolidated)

#### Values in R\$ million

	2nd Q. 2010	2nd Q. 2009
Purchased Energy	918	838
Personnel/Administrators/Councillors	298	449
Depreciation and Amortization	208	173
Charges for Use of Basic Transmission		
Network	187	211
Contracted Services	221	201
Forluz – Post-Retirement Employee Benefits	44	34
Materials	30	26
Royalties	34	37
Gas Purchased for Resale	51	46
Operating Provisions	184	(8)
Raw material for production	-	4
Other Expenses	113	98
Total	2.288	2.109

# Consolidated operational expenses



Lower personnel expenses reflect reduction in headcount and also the provision for the Voluntary

Retirement Program\* made in 2Q09

- ✓ Higher consolidated expenses due to non-recurring items
  - Operational provisions of Cemig D: R\$ 202 million
- ✓ Higher purchases of energy (non-controllable item) by distributors
- ✓ More sales activity results in more electricity purchased for resale by Cemig GT: +R\$ 28mn

## Expansion of consolidated net income

CEMIG

- ✓ Result shows growth consistent with solid fundamentals
  - Growing productivity in all areas
  - Continuous improvement in operational margins
  - Diversification of the risk inherent to each business through integrated structure

#### Statement of Results (Consolidated) Values in millions of *reais*

	2nd Q. 2010	2nd Q. 2009	Chge%
Net Revenue	2.954	2.972	(0,6)
Operating Expenses	(2.288)	(2.109)	8,5
EBIT	666	863	(22,8)
EBITDA	874	1.035	(15,6)
Financial Result	(178)	(33)	439,4
Provision for Income Taxes, Social Cont & Deferred Income Tax	(153)	(246)	(37,8)
Employee Participation	(44)	(45)	(2,2)
Minority Shareholders	-	(15)	(100,0)
Net Income	291	524	<b>(44,5)</b>



#### Statement of Results (Consolidated)

#### Values in millions of *reais*

	Cemig D		
	2nd Q. 2010	2nd Q. 2009	change
Net Revenue	1,672	1,589	5%
Operating Expenses	(1,637)	(1,541)	6%
EBIT	35	48	-27%
EBITDA	130	130	0%
Financial Result	(46)	1	-
Provision for Income Taxes, Social Cont & Deferred Income Tax	30	17	76%
Employee Participation	(30)	(18)	67%
Net Income	(11)	48	-123%

#### Statement of Results (Consolidated)

#### Values in millions of reais

		Cemig GT		
	2nd Q. 2010	2nd Q. 2009	change	
Net Revenue	844	1.045	-19%	
Operating Expenses	(399)	(372)	7%	
EBIT	445	673	-34%	
EBITDA	520	729	-29%	
Financial Result	(123)	(43)	186%	
Provision for Income Taxes, Social Cont & Deferred Income Tax	(81)	(172)	-53%	
Minority Shareholders	232	452	-49%	
Net Income	232	452	-49%	



•Background

•Strategy Overview

•Business Outlook

•Acquisitions

•Results

## •Market Recognition

•Regulatory Framework

•Others

#### Market Recognition



Included in the DJSI for the 10th year running. Selected as worldwide leader of the Utilities "Supersector" in 2009.



Prêmio Anefac Transparency Trophy, 2008.



Included in The Global Dow Index as the only Latin American electricity company in this 150company index, and one of the 10 selected to represent emerging markets.



CEMIG

Fiat Qualitas Award Best Worldwide Power Supplier





2008 Brazil's Corporate Standouts:

- Luiz Fernando Rolla, Best CFO

- Most Shareholder-Friendly Company

Included in Bovespa Corporate Sustainability Index.





✓ 36th Apimec Award

- Best publicly traded company
- Best IRO

Appendix



# •Regulatory Framework

•Others

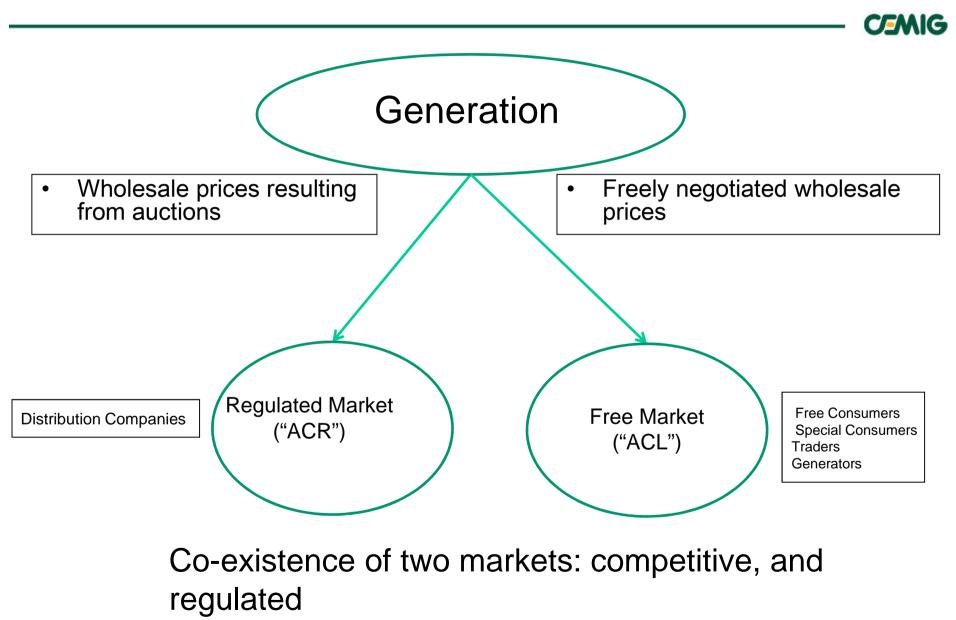
#### Power Generators are the most exposed to risks

- Regulated market
  - Concessions granted based on the least price approach.
  - Power purchase contract:
    - Auctions organized by a Federal agency:
      - Final buyer : Electricity Distributors.
    - New capacity : longer term, no market risk, inflation adjusted;
    - Existing capacity: shorter term, volume reduction at the distributor discretion, inflation adjusted.
- Unregulated market (free market)
  - Target: large industrial clients, large businesses;
  - Price freely negotiated: conditions , term, inflation adjustment;
  - Usually take or pay contracts.



- Price will behave differently according to the nature of the contract to be auctioned by ANEEL:
  - Existing capacity (so called "old energy") contracts:
    - power to be supplied in a year from now;
    - Term of 8 years;
    - Imply distributor 's forecasted demand risk:
      - Contractual volume can be reduced.
  - New capacity (so called "new energy") contracts:
    - Power to be supplied in three or five years from now;
    - Term of 30 years;
    - No risk on the contractual volume reduction by distributors.

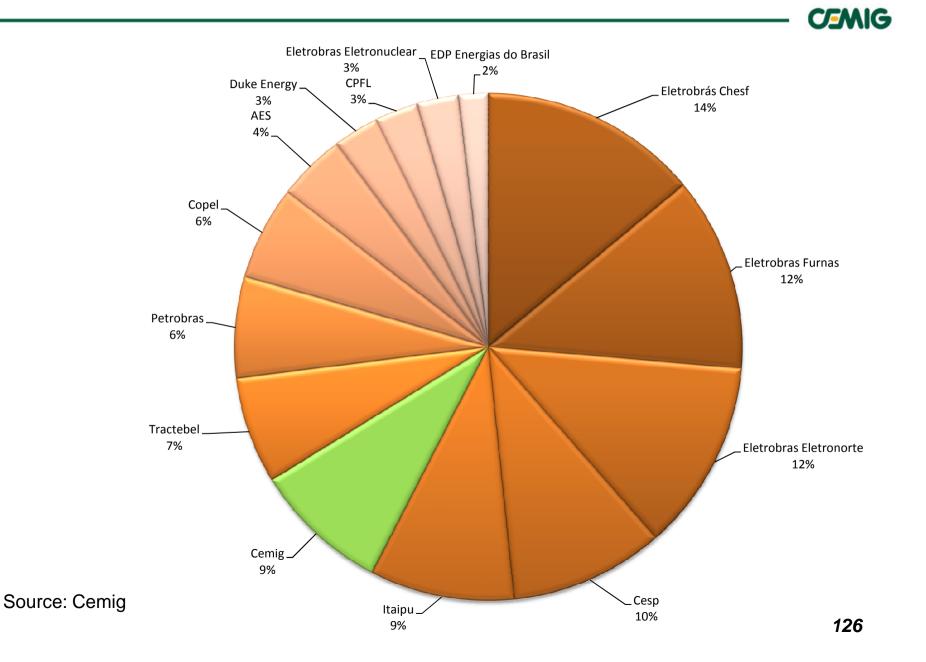
#### Brazil's electricity markets



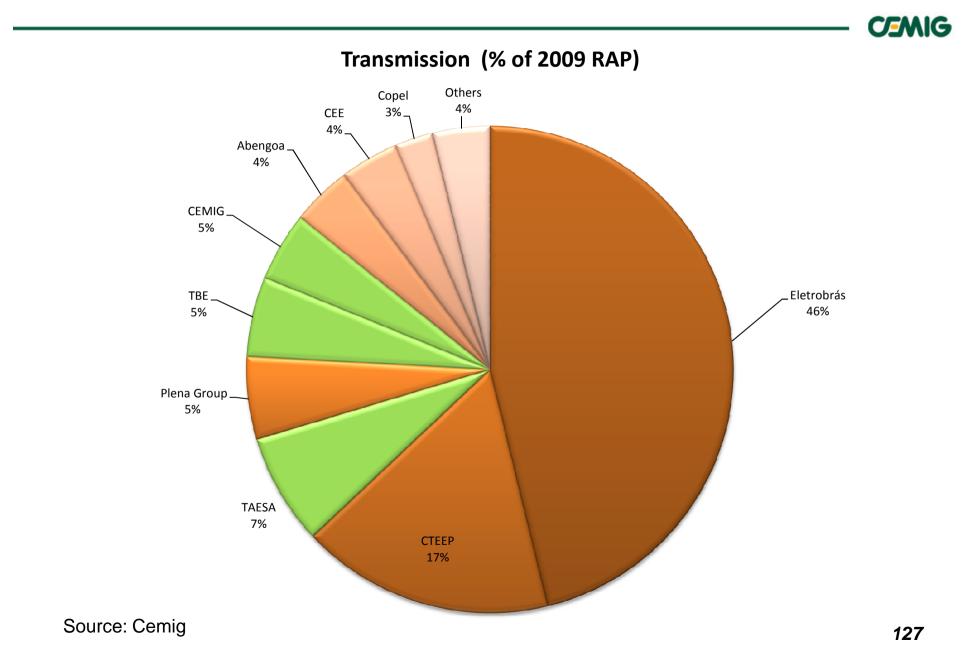
# Types of contracting in the Regulated Market

	A–5 New Energy Auctions	A–3 New Energy Auctions	A–1 Existing Generation Auctions	Local Generation Auctions	Adjustment Auctions
Objective	Expansion	Expansion	Existing load	Existing load	Adjustment of current situation
Duration of contract	15 to 30 years	15 to 30 years	5 to 15 years	No standard	Up to 2 years
Market	Regulated	Regulated	Regulated	Regulated	Regulated
Restrictions	None	2% of the load in A–5	Depends on the replacement amount, that is to say the amount of electricity that is being de- contracted in the year the auction is held.	Up to 10% of the load. Passthrough limited by the Reference Value, that is to say the limit for passthrough to the tariff.	Up to 1% of the demand contracted in A
Source (Usual)	Hydro	Hydro and Thermal	Hydro	Hydro, Thermal and alternative sources	Hydro

Power Generation – Brazil's Installed Capacity (% in 2009)



#### Power Transmission: Brazil



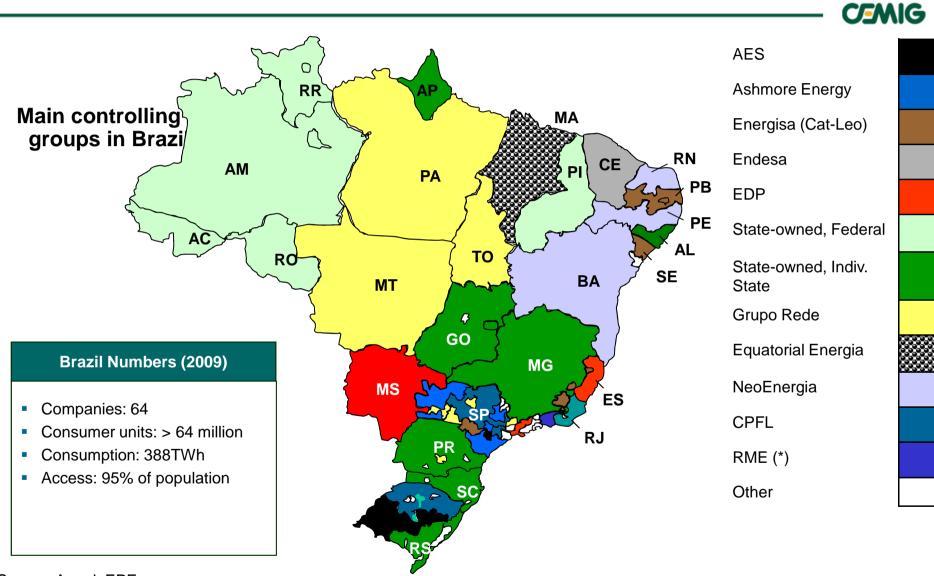
## Transmission regulation is the most successful one

- Competition for concession contract:
  - Cap price approach;
  - Allowed revenue: the winner bid is the lowest revenue earned from users;
  - 30-year long concession.
- Stable Cash flow
  - Guaranteed contracts signed with users:
    - Receivables pledged as guarantees;
    - Annual inflation adjustment;
    - Revenue secured regardless the use of the asset;
- Low operating risk:
  - Penalties are applied only in the case of bad maintenance or poor performance.
- Fixed income alike investment.

#### Transmission network expansion

- Facilities built before 1995:
  - Concession will expire on July 8, 2015;
  - 20-year extension may be granted at ANEEL discretion;
  - Allowed return to be reviewed in a near future;
- Expansion projects can be carried out in three ways:
  - New concessions to be granted through auctions:
    - Projects are selected by the ONS in light of the National Grid needs;
    - Auctions are organized by ANEEL;
    - Contracts are standard and term is for 30 years;
    - Bids are made on annual revenue.
  - Authorization to build, directly requested by the ANEEL:
    - In certain cases, ANEEL may request any utility to build a transmission line or a substation of regional impact.
  - Acquisition of existing facility.

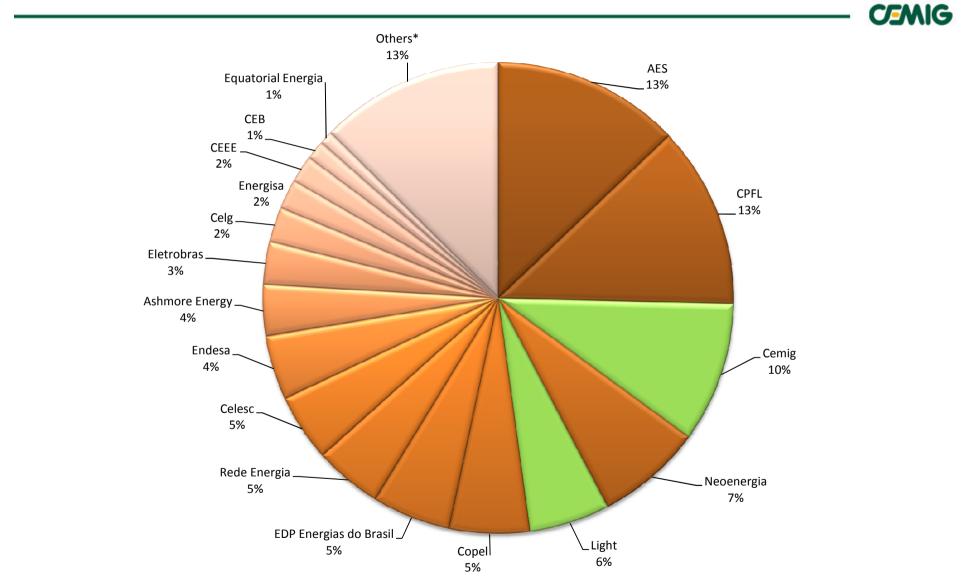
## **Electricity Distribution: Brazil**



Source: Aneel, EPE

(\*) Cemig has 13%stake

## 2009 Distribution – Transported Energy (%)

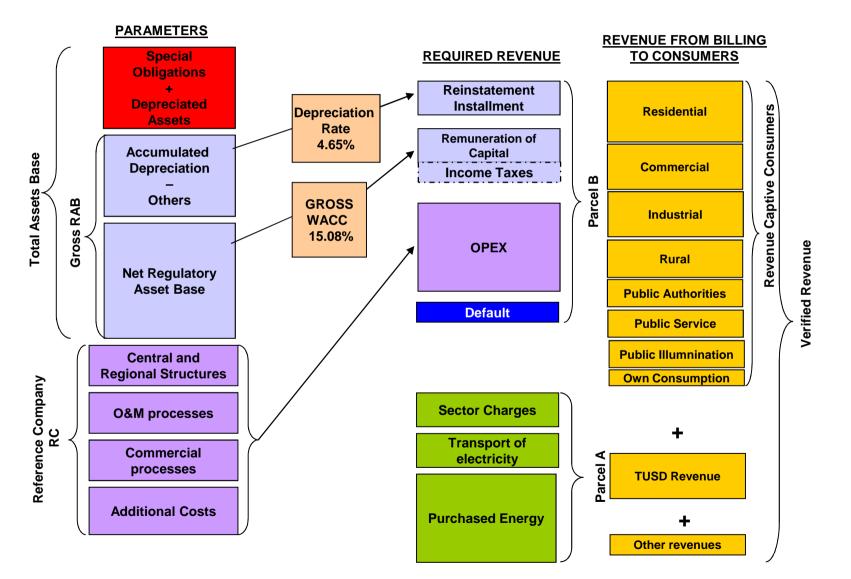


Source: Cemig

#### Electricity Distribution business is the most regulated one

- Allowed return on asset approach:
  - Benchmark WACC: currently 11.26%;
  - 2008 tariff review: WACC reduced to 9.95%.
- Operating expenses:
  - Full passed through mechanism:
    - Energy purchase expenses under certain circumstances.
  - Yearly inflation adjusted;
  - Tracking account for offsetting estimated expenses.
- Revenues come from:
  - Charges on D grid use by the access free users;
  - Sales to captive users.
- 5 year rate setting review:
  - Sharing productivity gains with users.
- Distributors are supposed to buy power to meet 100% of the forecasted demand, through auctions organized by Federal Agency – ANEEL:
  - In case a large consumption client (eligible as free consumer) chooses another supplier, distributor are allowed to reduce the contractual volume at the same amount;
  - If the growth is poor, contractual volume can be reduced by 4% yearly.

#### **Tariff Review Process**





# •Regulatory Framework

# •Others

## The Collective Work Agreement for 2009–2010



- ✓ The conditions negotiated with the Unions took the following factors into account:
  - the Tariff Review of Cemig D (Cemig Distribution), which reduced its revenues by 20.81%;
  - the Tariff Review of Cemig GT's (Cemig Generation and Transmission) transmission assets, which increased its revenues by 5.35%; and
  - the lower volume of sales caused by the effects of the financial crisis on industrial clients.
- ✓ The Salary Agreement included:
  - increase of salaries by 4.88%;
  - employees' share in the profits for 2009 to total approximately R\$ 210 million; and
  - payment in March 2010 of an advance against the profit shares for that year, in the approximate amount of R \$60 million.
- Taking into consideration the tariff reviews and the reduction in sales volume, mentioned above, the payment of profit shares in 2009 is approximately R\$ 160 million less than in 2008, and R\$ 245 million less than in 2007.

## Glossary



- Average outage frequency (FEC): Average number of outages suffered in a given period per consumer, in a given group of consumers.
- Debt coverage index: Ebitda divided by total financial expenses in the year. This gives a figure for the company's capacity to pay debt servicing.
- Deferred Tariff Adjustment (RTD): Every four years Aneel decides on a "periodic" tariff *review* for each electricity distributor, to adjust the level of annual adjustments to preserve the financial equilibrium of the concession contracts, coverage of efficient operational costs and adequate remuneration of investment. On April 8, 2003, this adjustment for Cemig was set provisionally at 31.53%, but the final adjustment decided was 44.41%, and the percentage difference of 12.88% will be applied to Cemig's tariffs in "deferred" format: i.e., as an addition to each of the annual tariff adjustments decided for the years 2004 through 2007, cumulatively. The difference between the adjustment to which Cemig Distribuição is entitled and the tariff in fact charged to consumers has been recognized in Cemig's financial reporting as a Regulatory Asset.
- •
- Ebitda: Earnings before interest, tax, depreciation and amortization a measure of a company's operational cash flow, providing an indicator of the cash flow generated by a company's principal business.
- Ebitda margin: Ebitda/net operating revenue. This provides a view of the company's cash generation capacity.
- Hedge: Financial mechanism for protection against fluctuations in prices e.g. of commodities -, or variables such as interest rates or exchange rates.
- Hydroelectric power plant: A generating plant that uses the mechanical energy of falling water to operate electricity generators.
- Manageable costs: Costs that essentially depend on the efficacy of corporate management, such as personnel expenses, materials, outsourced services, etc. also referred to as controllable costs.
- Net margin: Net income / Net operating revenue an indication of a business's profitability.
- Outage time per consumer (DEC): Average service outage time per consumer in a given group of consumers over the specified period.
- The Extraordinary Tariff Recomposition (RTE): This was a tariff adjustment granted by the government in December 2001 to the distributors and generators of the regions where rationing was imposed. It was one of the conditions of the *General Accord for the Electricity Sector*: an increase of 2.9% in the tariff of residential consumers (with the exception of Low-Income Residential Consumers), and an increase of 7.9% for other consumers. Its purpose was to make good the losses suffered by distributors and generators as a result of the reduction of consumption imposed by the government. The duration of the adjustment varies in accordance with the time necessary to recover the loss of each concession holder.
- The CCC (Fuel Consumption Account): This account was created to accumulate funds to cover the increase in costs associated with greater use of thermal generation plants in the event of drought since the marginal operating costs of thermal plants are greater than those of hydroelectric plants. All Brazil's electricity companies are obliged to make an annual contribution to the CCC, calculated on the basis of estimates of the amount of fuel likely to be required by the thermal plants in the following year.

#### Glossary



- The CDE (Energy Development) Account: This is a source of subsidies to make alternative energy sources such as wind and biomass more competitive, and promote universalization of electricity services. It is funded by annual payments made by the concession holders for the use of public assets, and also from penalty payments imposed by Aneel for infringements.
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- The CRC (Results Compensation Account): Before 1993, electricity concession holders in Brazil were given a guarantee of a rate of return on their investment in the assets used in the provision of electricity to clients, and the tariffs charged to clients were uniform over the whole country. Profits generated by the more profitable concession holders were reallocated to the less profitable concession holders, in such a way that the rate of return on assets was equal to the national average for all of the companies. Though the results for the majority of Brazil's electricity concession holders were deficits, these were posted by the federal government as *assets* in the "CRC account" of each company. When the CRC Account, and the concept of guaranteed return, were abolished, concession holders that had positive balances in their "CRC accounts" were able to offset these balances against any liabilities owed to the federal government.
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- The CVA the Offsetting Account for Variations of "Portion A" items: "Portion A" is the list, used in the calculation of the electricity distributors' annual tariff adjustments, of the utility's cost items that are not under its own control. The CVA mechanism compensates for changes in the list's total over the year to the new tariff date. The variation positive or negative is passed on in the tariff adjustment.
- The Global Reversion Reserve (RGR): This is an annual amount included in the costs of concession holders to generate a fund for expansion and improvement of public electricity services. The amounts are paid monthly to Eletrobrás, which is responsible for the management of the resulting fund, and are to be employed in the Procel mechanism.
- Thermal power plant: A generating plant that converts chemical energy contained in fossil fuels into electricity.
- Total return to stockholders: Sum of the dividend yield and the percentage appreciation in the stock price.
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- TUSD Toll for Use of the Distribution System: This is paid by generation companies, and by Free Consumers, for the use of the distribution system belonging to the distribution concession holder to which the generator or Free Consumer is connected, and is revised annually in accordance with inflation and the investments made by the distributor in the previous year for maintenance and expansion of its network. The amount is: the quantity of energy contracted with the distribution concession holder for each link point, in kW, multiplied by a tariff in R\$/kW set by Aneel.
- Volt: Unit of the electrical potential at which energy is supplied.
- Voltage: For the purposes of efficient transport of electrical energy over transmission lines from the generating plant to the consumer, there are various levels of transmission voltage. Similarly, electricity is used by consumers at various different voltage levels.
- Watt (W): Unit of power required for a device to operate. 1,000 watts is a kilowatt (kW), 1 million watt is a Megawatt (MW), and 1 billion watts is a Gigawatt (GW).
- Watt-hour: Measure of energy (work done by electric power): The kilowatt hour, Megawatt hour, Gigawatt hour and Terawatt hour (KWh, MWh, GWh, TWh) respectively represent 1,000, 1 million, 1 billion and 1 trillion watt-hours.



Investor Relations Telefone: (55-31) 3506-5024

Fax: (55-31) 3506-5025

Email: ri@cemig.com.br

Website: http://ri.cemig.com.br



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