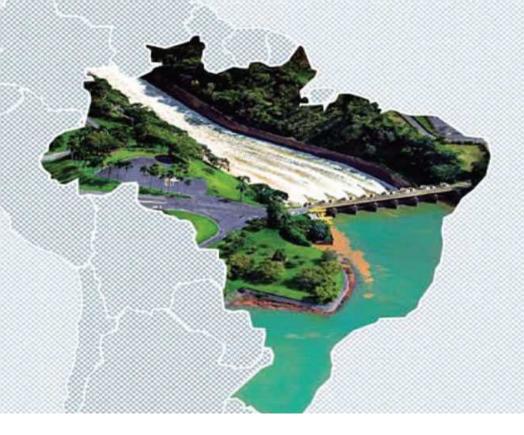




# **Successful Strategy**

Performance reflects balanced portfolio structure

April, 2010

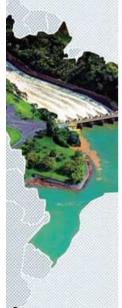


### Disclaimer



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 2008, and in particular Item 3, containing "Basic Information – Risk Factors".

All figures are in BR GAAP.





## Brazil's Leading Power Utility





(1) As of March 25<sup>th</sup> 2010(2) In the Power Industry

## Cemig: Strength in Numbers

Number of generating plants 67

Total installed capacity 6,754 MW

Locations in Minas Gerais State 5,415

Size of concession area vs. France

Larger

Distribution lines 467,275 km

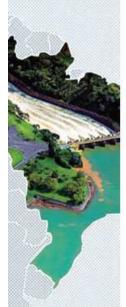
Transmission lines 7,506 km







CEMIG



## Cemig at a Glance

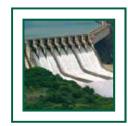


- Based in State of Minas Gerais, controlling shareholder
  - growing throughout Brazil and Chile
- Strong financial profile 2009

Net revenues: R\$ 11.7BEBITDA: 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\$48M in Bovespa
    - US\$27M in NYSE
- Solid dividend policy
  - 50% payout ratio
- Strong growth outlook
  - Re-pricing of energy contracts
  - Acquisitions

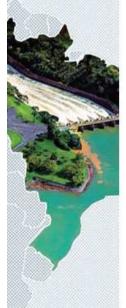












# The Cemig Story – Agenda



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



Latin America economy	#1

Ranking of economy in world	#10
-----------------------------	-----

GDP 2009	US\$1.6 Trillion
----------	------------------

GDP growth 2010 forecast	5.7%
--------------------------	------

Population	191M
Population	191M

Power industry revenue - 2008 >US\$80 Billion

Investment grade by Moody's, Fitch and S&P



## Largest Integrated Utility in Brazil





#3 Largest power transmission group\*

#3 Largest power generation group





Generation (under construction)

Transmission

Transmission (under construction)

Distribution

Cemig "Free Consumer" Clients

Purchase of Energy

Wind Generation

Wind Generation (under construction)

Gas Distribution



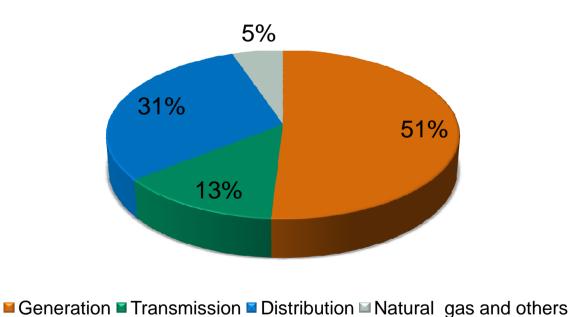
\* in terms of length of distribution lines

PA SE МТ ≌ © ES MS 

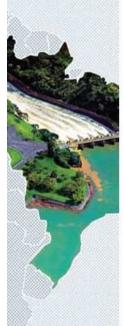
### Diversified, Low Risk Business Portfolio



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



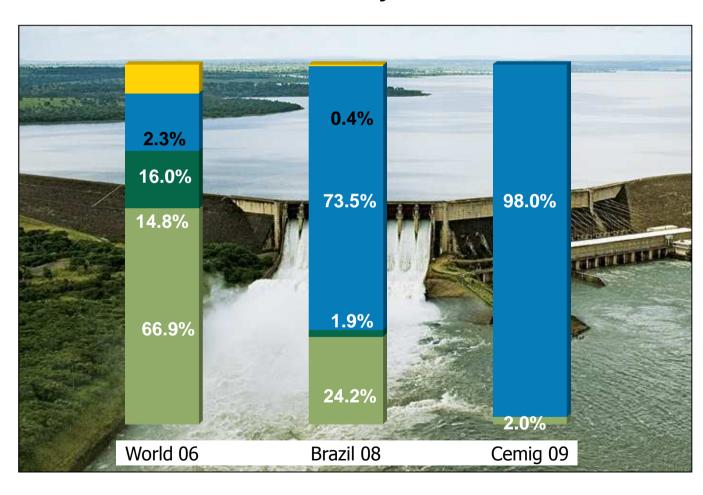


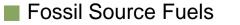


## Leader in Renewable Hydro Energy



### **Generation by Source**

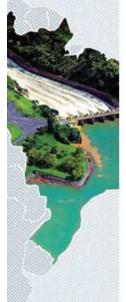












## Best-in-Class Corporate Governance



- ✓ 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
- ✓ Present in the Global Dow Index







oekom research







# The Cemig Story – Agenda



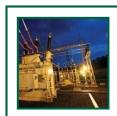
The positioning

The performance

The growth





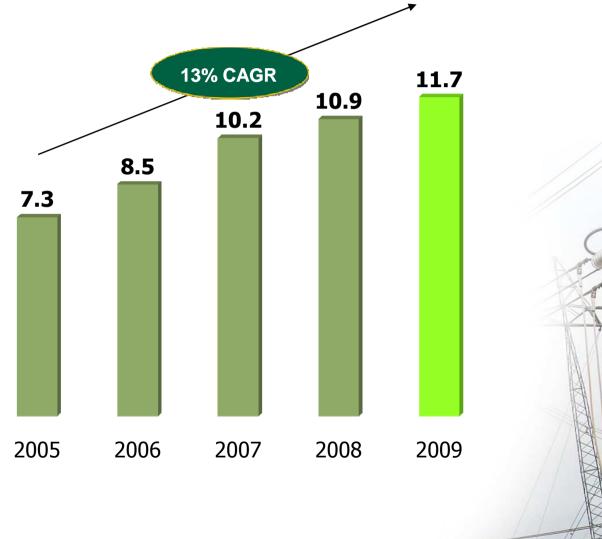


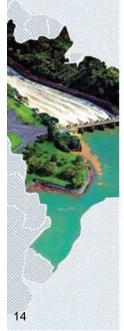


## Strong Revenue Growth



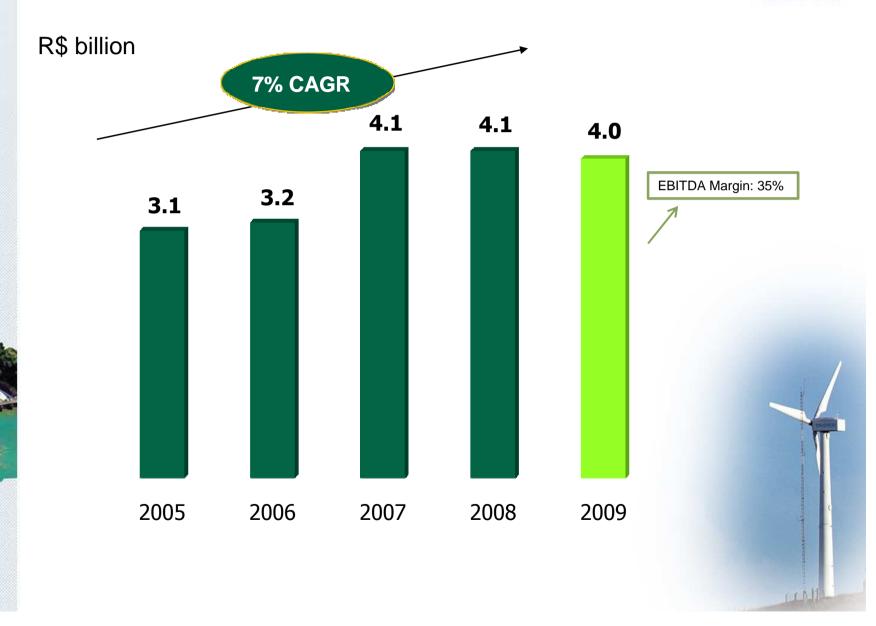
Net operating revenue R\$ billion





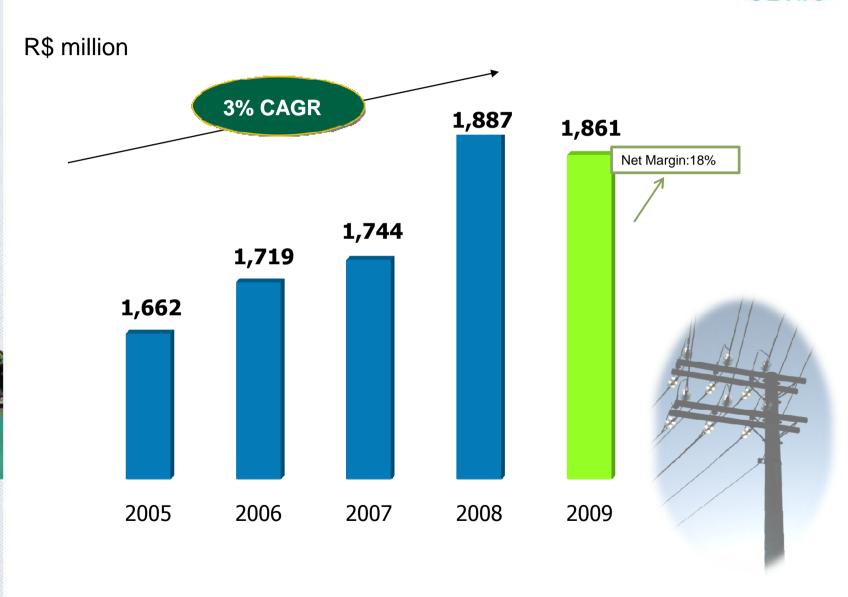
### Similar Growth in EBITDA





## Net Income Continues to Expand



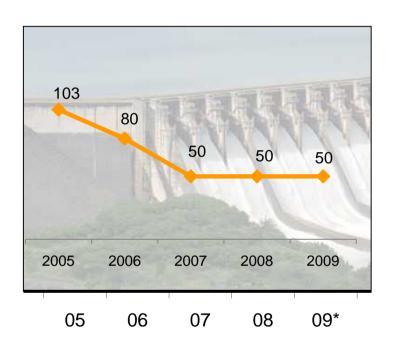


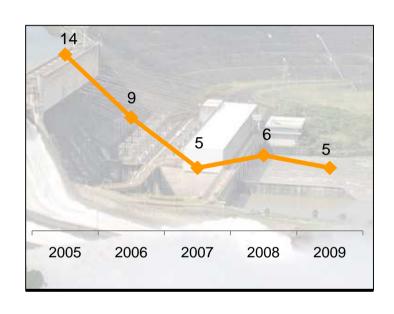
## Attractive and Secure Dividend Payout



**Dividend Payout** (% of Net Income)

Dividend Yield





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



## Strong Balance Sheet to Support Growth

CEMIG

(December 31th, 2009)

Net debt to EBITDA

1.7X

Debt in foreign currency(\*)

2%

Cash on hand

R\$ 4.4B

Net Revenue 2009

R\$ 12B









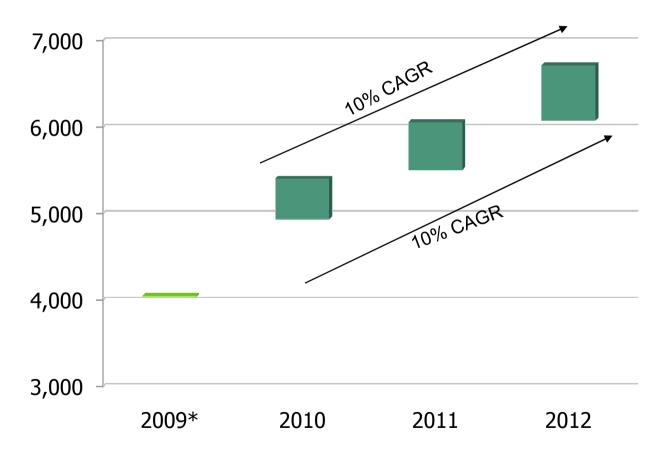
\* Net of financial hedging

### **Growth Set to Continue**



### EBITDA guidance<sup>(1)</sup> 2009-2012 R\$ millions

(upper + lower limits of range)



<sup>\*</sup> Actual

<sup>(1)</sup> Constant currency as of June 2009. Considers just the existing assets. Will be revised by Ma y 2010



# The Cemig Story – Agenda



The positioning

The performance

The growth





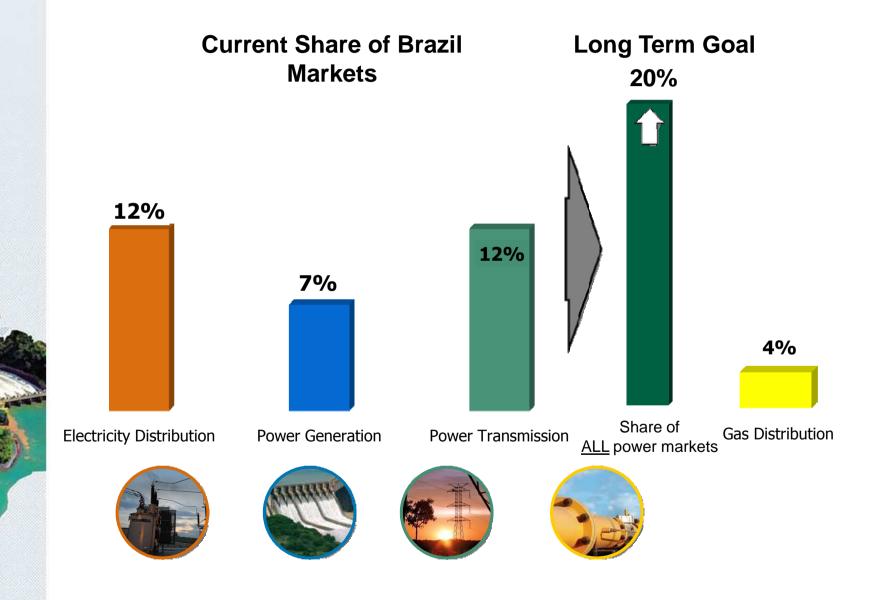






## Clear Long Term Goals





### **Growth Drivers**



1 Geographic expansion



2 Leverage price increases



3 Improve operating efficiency





## Geographic Expansion



### **Geographic focus**

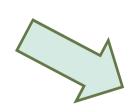
Within Brazil and selected international investments

#### **Business focus**

 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

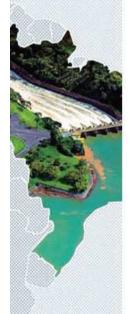








Disciplined investment criteria



## Record of Successful Acquisitions

### CEMIG

### **Disciplined Approach**

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



### Case Study: Light (Disco)

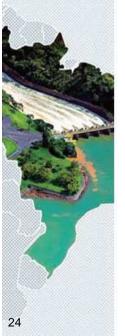
- A stake was bought for R\$ 172M in 2006 (with full payback in 2 years)
- Cemig doubled its stake in Light in 2010: R\$785 million for 13.03%



IRR of the transaction for the shareholder is 11% in real

### Case Study: TBE (Transco)

- Acquired TBE stake for R\$ 348M in 2006
- Cemig successfully concluded increase of stake in TBE: R\$ 505M paid in June 2009 (Return >13% real, 91% EBITDA margin)
- In October 2009 Cemig acquired another stake in TBE: R\$ 100M, approximately





## Record of Successful Acquisitions

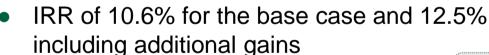
### Case Study: Wind Farms in Ceara (Genco)

- Acquired 49% stockholdings in three wind farms in February 2009
- Price paid for the shares: R\$ 223 million



### Case Study: Terna (Transco)

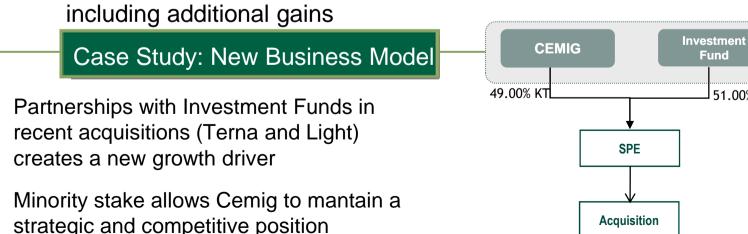
- Acquired 32% stake in 3,753 Km of transmission lines
- Payment of R\$ 1.05 billion in November 2009

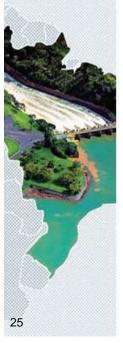




51.00% KT

- recent acquisitions (Terna and Light) creates a new growth driver
- strategic and competitive position

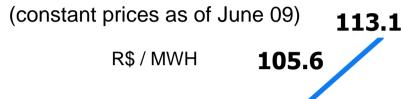




## Re-Pricing of Power Sales Contracts

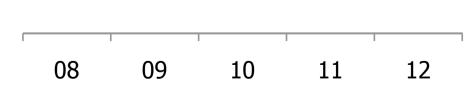




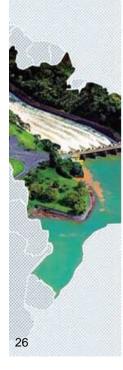


100.5 97.9

93.8



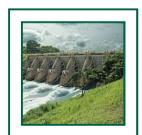
• Large upside beyond 2010



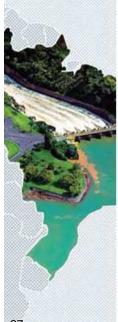
# Continually Improving Operating Efficiencies

- Continuous technological improvement
- Cost reduction program
  - 150 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

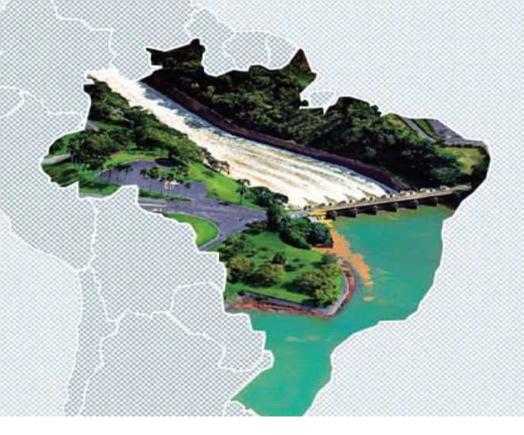








## **Appendix**



### Agenda



- Background
- Strategy Overview
- Business Outlook
- Acquisitions
- Results
- Market Recognition
- Regulatory Framework
- Others

### Brazilian GDP growth is driven by domestic market





#### **Economics**

- Largest Latin America economy
- 10th largest world economy
- GDP (2009): US\$ 1.57 trillion (-0.1%) \*
- Flow of Trade (2008): US\$ 282 billion
- Inhabitants: 192 million
- Area: 8.5 million km<sup>2</sup>
- Currency<sup>(1)</sup>: Reais (BRL) US\$1 = R\$ 1.75
- Reserves<sup>(1)</sup>: US\$ 239 billion

# Economic Development Acceleration Plan (PAC)

- Federal plan to invest US\$ 250 billion in the period of 2007-2010
- Electric Power Generation: US\$ 35 billion
- Electric Power Transmission: US\$ 7 billion
- Renewable Fuel projects<sup>(2)</sup>: US\$ 9 billion
- 37% of works completed up to December 2009
- (2) Ethanol, Biodiesel and Alcohol pipeline

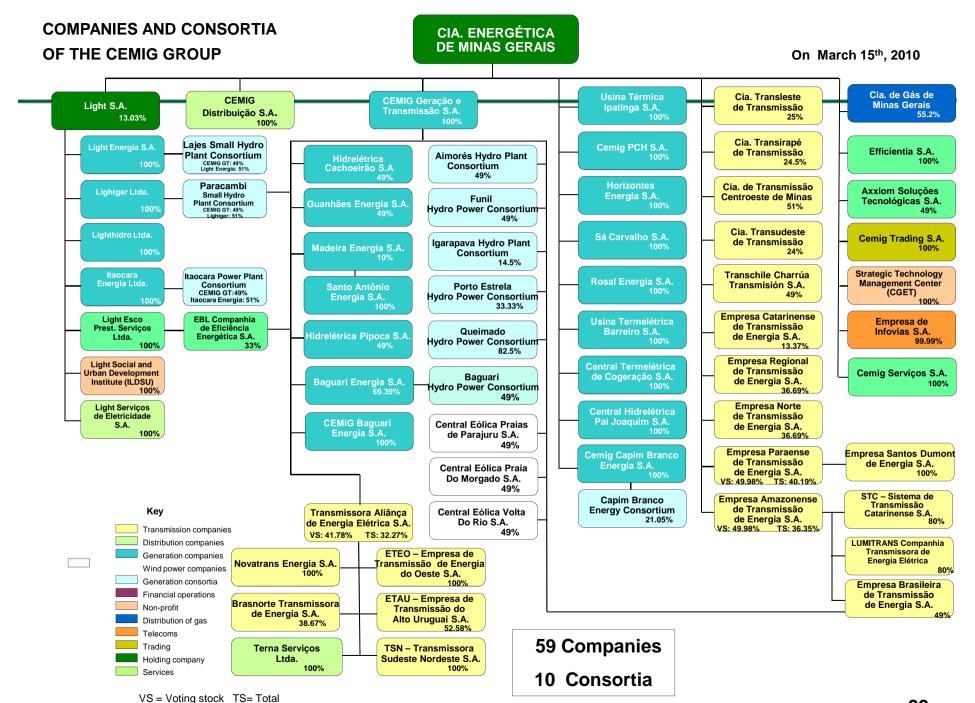
# Investment Grade (S&P, Fitch and Moody's)

**Electric Power Industry** 

- Power Generation
  - ✓Installed Capacity: 107 GW 72% Hydro; 11% Natural Gas; 5% Oil; 5% Biomass; 2% Nuclear; 1% Coal
- Power Transmission
  - ✓ National Network: 102,000 km
  - √ Peak Demand in 2009: 64.04 GWh/h
- Electricity Distribution
  - ✓ Energy Consumption: 388,204 GWh 43% industries and 26% householders
  - √99% penetration countrywide
  - ✓ More than 50% of South America
  - √ Peak Demand comparable to UK

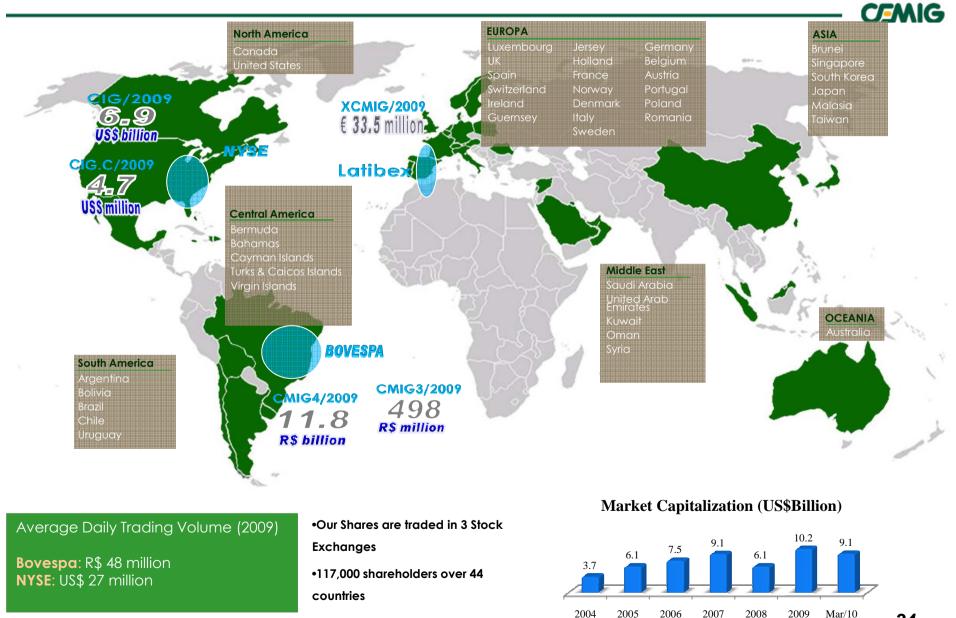
Source: Brazilian Institute for Geography and Statistics (IBGE), Brazilian Electricity Regulator (ANEEL), Brazilian Association of Transmission Companies (ABRATEE), Energy Research Company (EPE).

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



stock

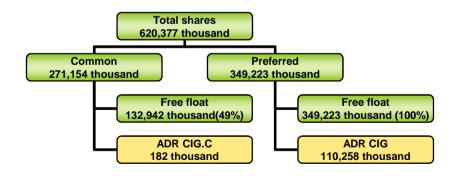
### Strong shareholders base assures liquidity



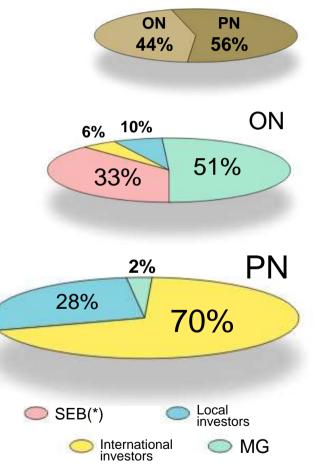
### The blend of shareholders provides long term perspective



- 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



**Total Shares** 

(\*) Controlled by international investors

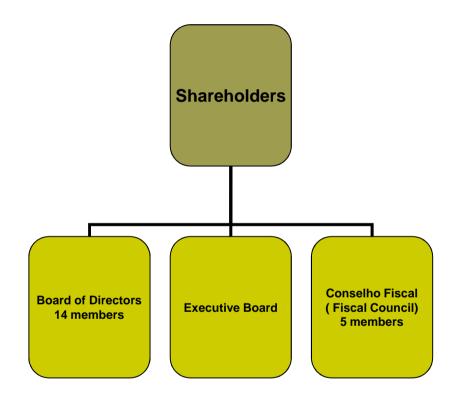
ADR outstanding approximately 20% of total shares 1 ADR = 1 share in Bovespa

### Corporate Governance: implementation of best practices



### **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



- 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 fourth year in a row.





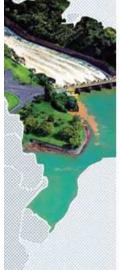
# The Largest Integrated Utility in Brazil





**Free Customers** 25% share





# Net Income and Ebitda per company (R\$ Million)



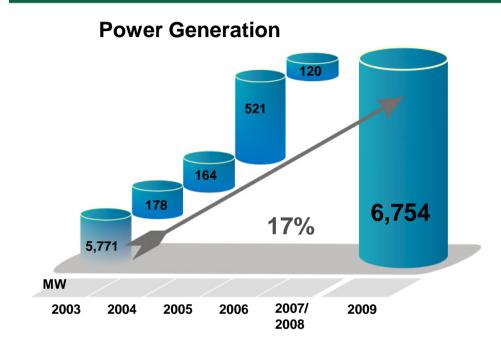
Company	2009	2008	change%
Cemig Distribuição	338	709	-52%
Cemig Geração/Transmissão	1,309	986	33%
RME (Light)	79	129	-39%
Gasmig	42	47	-11%
Infovias	23	56	-59%
Taesa	13	-	-
TBE	79	36	119%
Cemig Holding	(186)	(189)	-2%
Others	164	113	45%
Cemig Consolidated	1,861	1,887	-1.4%

#### **Ebitda per Company**

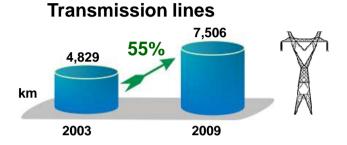
Company	2009	2008	change%
Cemig Distribuição	945	1,606	-41%
Cemig Geração/Transmissão	2,372	1,924	23%
RME (Light)	301	329	-9%
Gasmig	50	50	0%
Infovias	52	52	0%
Taesa	30	52	-42%
TBE	123	74	66%
Cemig Holding	(118)	(118)	0%
Others	284	130	118%
Cemig Consolidated	4,039	4,099	8%

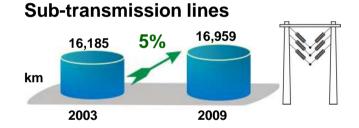
#### Strategic Plan Results

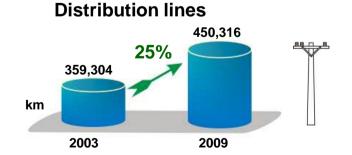




# Our power matrix ensures higher operational margins

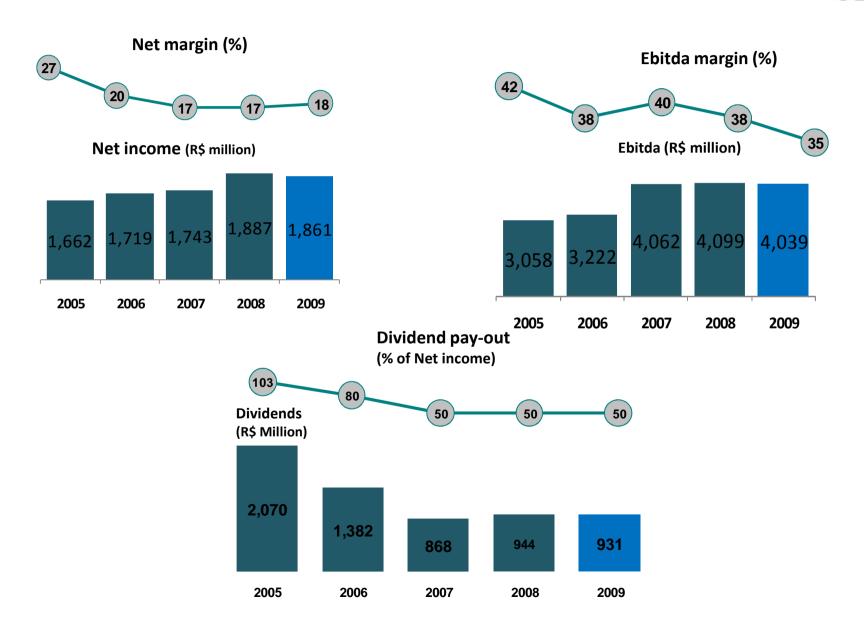






### Strategic Plan Results





# Results reflect long-term vision



- 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						
(R\$ million)	4Q09	4Q08	Change %	2009	2008	Change %
Net Revenue	3,370	2,755	22%	11,705	10,890	7%
EBITDA	1,150	948	21%	4,038	4,099	-1%
EBITDA Margin %	34	34	0%	35%	38%	-8%
Net Income	246	434	-43%	1,681	1,887	-11%
Net Margin %	9	13	-31%	18%	17%	6%

Balance Sheet – consolidated (R\$ million)	2009	2008
Cash and Cash Equivalents	4,425	2,284
Total Assets	28,866	24,341
Total Financial Debt	11,292	7,345
Shareholders' Equity	10,276	9,352
Net Debt (1)	6,868	5,062
Net debt / (stockholders' equity + net debt)	40%	35%

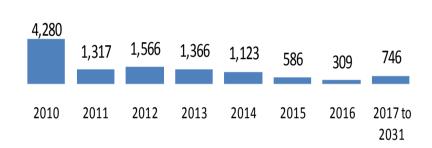
<sup>(1)</sup> Net Debt = Total Debt - Cash and Cash Equivalents

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

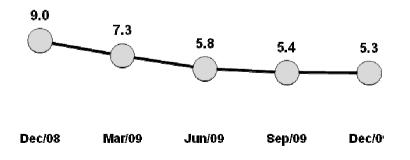
# Extended debt profile with cost reduction



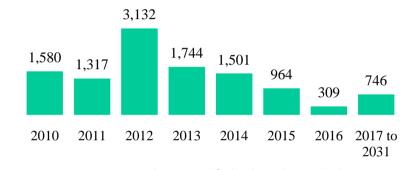
# Maturity Schedule Average period: 4 years



#### ✓ Captured basic interest rate reduction



#### Maturity Schedule Adjusted



#### Consolidated Debt December 2009

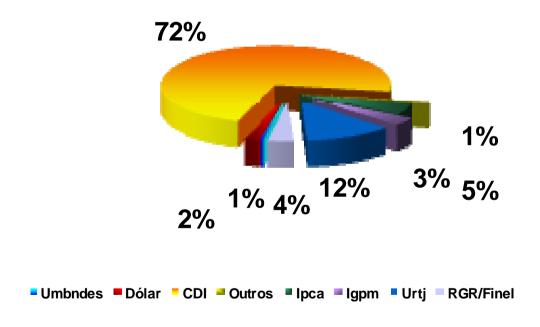
	CEMIG consolidated	CEMIG GT	CEMIG D
Total Debt	11,293	6,819	2,617
Debt in foreign			
Currency	252 2%	130	2% 170 6%
Net Debt	6,868	3,775	2,371
EBITDA/Interest	5.05	6.71	4.48
Net Debt/ EBITDA	1.70	1.57	2.20
Net Debt/ (Equit + Net Debt)	40%	51%	47%

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



#### Main indexors

December 2009



# Superior credit capacity recognized by the major rating agencies



Fitch	Rat	ings
-------	-----	------

A+.bra

Cemig H, Cemig GT and Cemig D National scale



Aa1.br Cemig GT and Cemig D

National scale

Aa2.br Cemig H

National scale

Baa3

Cemig GT and Cemig D

Global scale

Ba1

Cemig H

Global scale



brAA- Cemig GT and Cemig H

National scale

brAA Cemig 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



#### **Local Bank Market**

- Debt rollover
- Assignment of receivables
- Project Finance (Cemig as a minority shareholder)

#### **Local Capital Market**

- Debêntures are the major source of funds for investment (long term and inflation indexed)
- Securitizations

#### **International Capital Market**

- Eurobonds (high liquidity, long term, but proceeds used only to refinance existing debt)
- Perpetual bonds as a viable alternative in the long run

#### **Multilateral Agencies**

- CAF, JBIC, KfW, World Bank, IDB
- Long term
- Attractive costs
- Tax breaks on remittance of interests

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

# Agenda



- 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

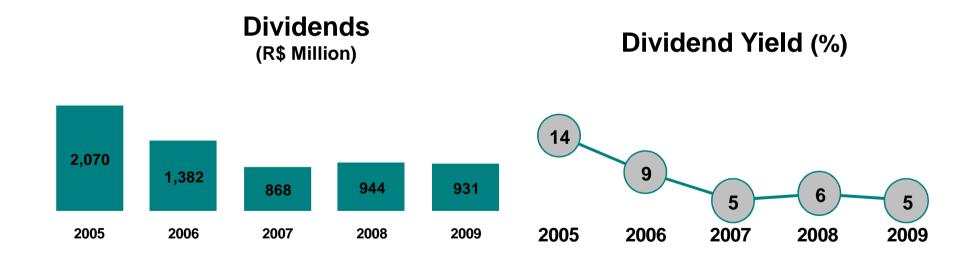
#### Guarantees to ensure profitability (stated in the bylaws):

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

# Strategic Plan Results: Dividends

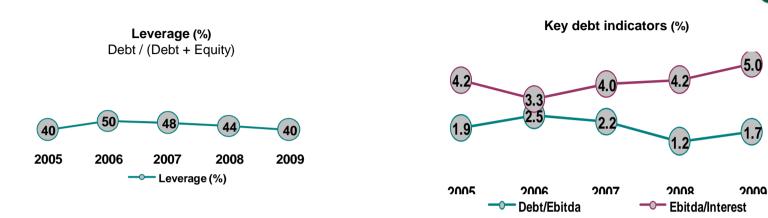


- ✓ Proposal for 2009 Net Income distribution:
  - Dividends of R\$ 931 million
    - Dividends per share: R\$1.50
  - Stock Dividend of 10%

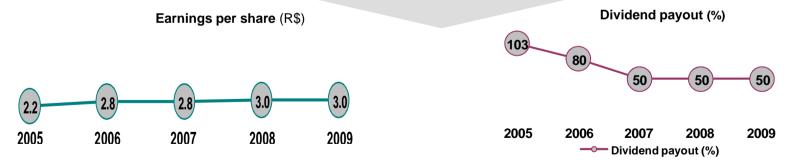


# Continuous improvement of our KPI





# **Key performance indicators in line with Long Term Strategic Plan**



# Agenda



- Background
- Strategy Overview
- Business Outlook
- Acquisitions
- Results
- Market Recognition
- Regulatory Framework
- 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 (March/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%)	112	70
Others	901	511
Total hydro-electric	6,555	3,932
Total thermal	184	83
Wind	15	7
Total	6,754	4,021

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

# ✓ Power Generation: Expansion

#### CEMIG

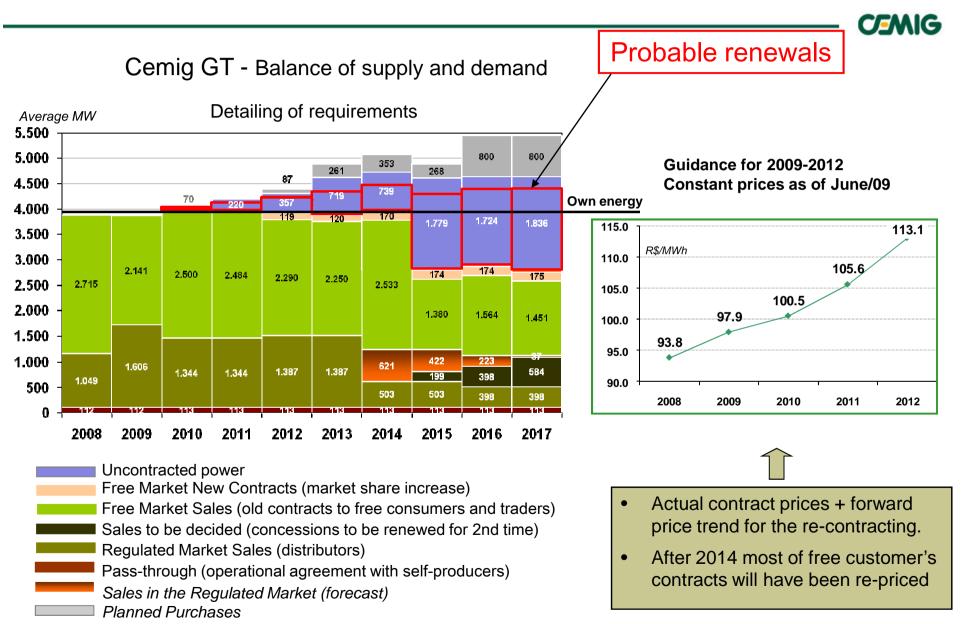
## New generation projects: continuous growth

- ✓ 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 Wind Plant
  - 28.8 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: 6,754 MW





#### Our power generation contracts start re-pricing in 2010

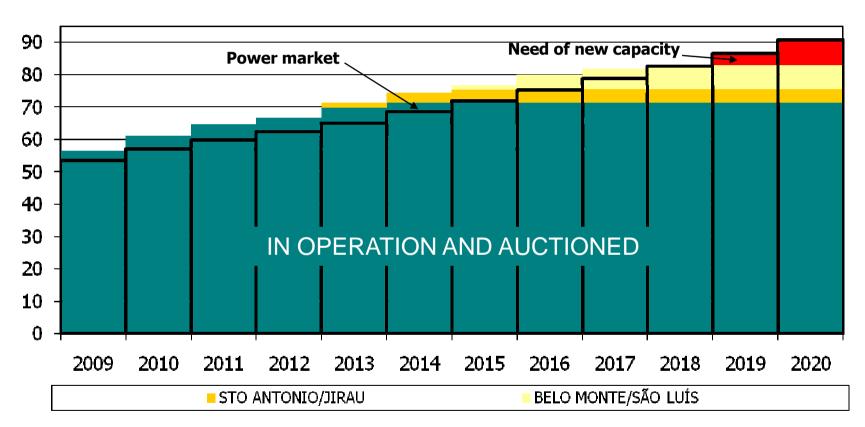


# Supply-Demand balance in the Brazilian System



#### Structural electricity balance

(Assuming: restrictions on supply of natural gas according to Petrobrás commitment term)



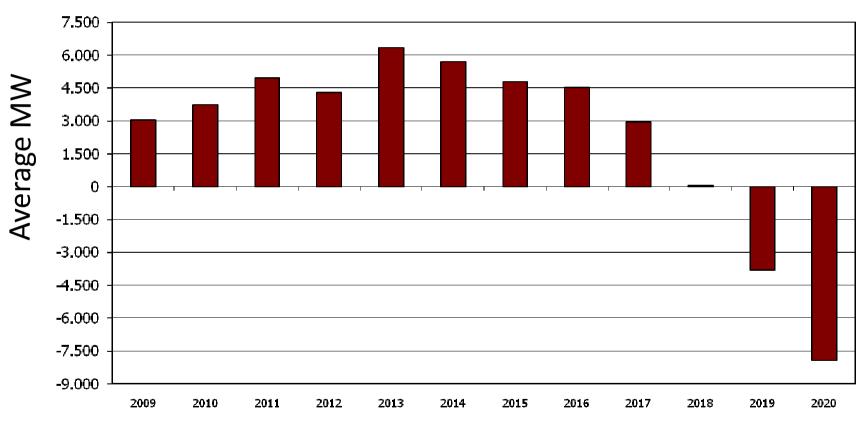
Sources: PMO Nov 2009, Cemig research.

# Supply-Demand balance in the Brazilian System



#### **Structural electricity balance (surpluses and deficits)**

(Assuming: restrictions on supply of natural gas according to Petrobrás commitment term)



Sources: PMO Nov 2009, Cemig research.

GDP growth of 0.5% in 2009, 5,5% in 2010 and 4,0% in 2011+, average market growth of 4.5% (1.2% in 2009).

#### Power Generation Auctions: 2008/2009



- New Energy Regular Auctions:
  - 2008 Auction (last one)
    - A-5 September, 30<sup>th</sup>,
      - 3,125 MWAvg from 2011
      - Thermo Price: R\$145.47/MWh
      - Hydro price: R\$ 98.98/MWh
- 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
- A-5: December 21<sup>th</sup> Canceled
  - Canceled due to delays in the issuance of environmental licenses from the enrolled Hydroelectric Power Plants
  - 15 year long thermo contracts and 30 years long for hydro
  - Power would be delivered from 2014
  - Price Cap: R\$ 144 / MWh
- Special Auctions: Belo Monte
  - 2010
  - 11,233 MW
  - 30 years long contracts

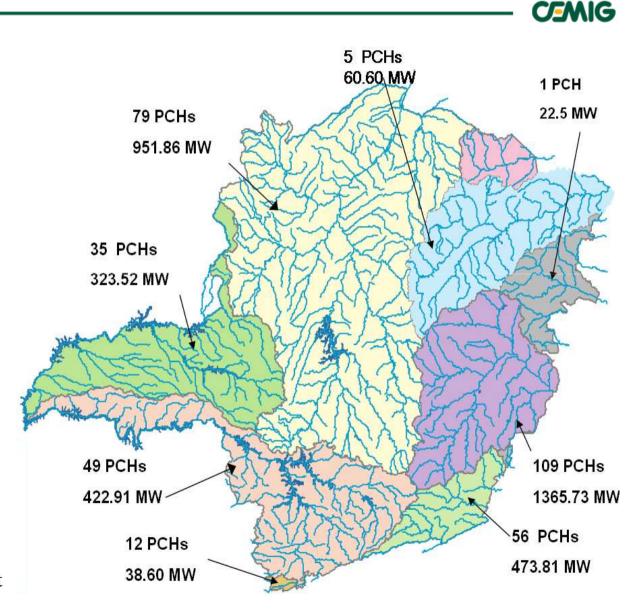
#### **Current status**

# Business Opportunities: Small Hydros Program

#### Short-term supply alternative

- Successful funding format:
  - 30% Equity
    - Cemig 49%
    - Private Investor 51%
  - 70% Debt
    - BNDES
- Current status:
- Cachoeirão Small Hydro Power Plant (27 MW) in commercial operation;
- 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);
- 05 Small Hydro Power Plants (77 MW) construction is estimated to begin in the 2<sup>nd</sup> half of 2010.

PCH = Small Hydro Power Plant



# Business Opportunities: biomass cogeneration



# 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

<sup>\*</sup> Just includes plants available to generate and sell power

- ✓ 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.

<sup>\*\*</sup>Average generation in 6 months of the year

# Brazilian hydroelectric power generation potential

Situation as of June 2009, MW



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

	State	Operation & Construction	Estimated	Overal total
	AC	-	1,058	1,058
_	AM	250	19,750	20,000
NORTH	AP	68	1,739	1,807
OR	PA	8,455	39,631	48,086
Ž	RO	397	12,492	12,889
	RR	5	5,257	5,262
	то	2,324	4,350	6,674
	AL	1,582	2,687	4,269
	ВА	6,883	5,148	12,031
NORTHEAST	CE	4	21	25
₩	MA	664	1,558	2,222
王	РВ	4	7	11
2	PE	746	820	1,566
9	PI	119	407	526
	RN	-	2	2
	SE	1,581	2,665	4,246
	ES	457	922	1,379
SOUTHEAST	MG	12,123	12,099	24,222
Ē	RJ	1,360	1,880	3,240
S	SP	10,978	4,183	15,161
	DF	30	-	30
CENTER- WEST	GO	5,871	6,218	12,089
ES.	MS	3,549	2,426	5,975
∪ ≥	MT	1,826	15,882	17,708
_	PR	15,557	8,628	24,185
SOUTH	RS	4,221	6,770	10,991
S	sc	3,617	3,315	6,932
	Total	82,671	159,915	242,586

Source: Eletrobrás (SIPOT).

# Santo Antônio hydro plant – basic information



• 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 km² reservoir): index 9.44
Samuel (217 MW, 584 km² reservoir): index 2.69
Manso (210 MW, 387 km² reservoir): index 1.84
```

- Tucuruí (4,000 MW, 2,414 km² 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

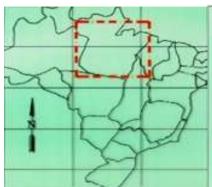
# Santo Antônio hydro plant – basic information



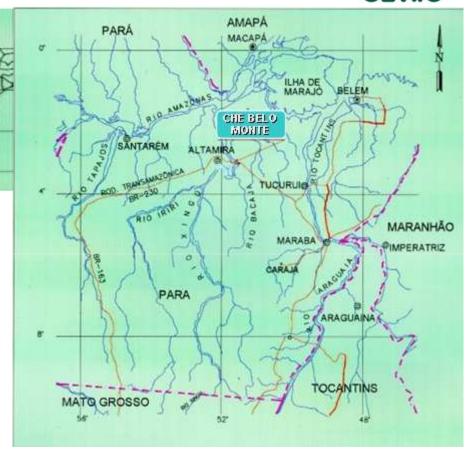
- 3,150 MW of installed capacity
- 2,218 MWAverage of energy > Capacity Factor (CF) of 69%;
- Price: R\$78.87/MWh (equivalent to R\$99/MWh for a traditional 55% CF Hydro Power in Brazil)
- Winner consortium:
  - 10% Cemig
  - 39% Furnas
  - 20% FIP (Investment Fund) Amazônia Energia
  - 18.6% Odebrecht
  - 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

# Belo Monte Hydro Plant – Basic information





- ✓ Location: Rio Xingu, Para State
- ✓ Installed Capacity:
  - Main power house = 11,000 MW
  - Additional power house = 233 MW
- ✓ Generation units:
  - Main power house = 20 X 550 MW
  - Additional power house = 7 X 25.9 MW
- ✓ Assured energy: 4,581 average MW
- √ Flooded area: 440 Km2
- ✓ Construction time:
  - Initial Startup: 60 monthFull operation: 120 month



Auction expected for April 2010

# **Power Transmission Capacity**



	2005	2006	2007	2008	2009
525-Kv lines	0	0	0	51	77
500-kV lines	2,165	2,592	2,488	2,788	3,594
345-kV lines	1,976	1,969	2,001	2,001	2,167
230-kV lines	751	803	824	915	1,668
Sub-Total	4,892	5,364	5,313	5,755	7,506
Terna (32,27%)					
Total	4,892	5,364	5,313	5,755	7,506

- Furnas Pimenta transmission line start-up in 2009:
  - 345 kV, 75 km
- Charrúa Nueva Temuco transmission line start-up in 2010:
  - 220 kV, 205 km
- After Terna Participações S.A acquisition
  - Cemig will stand for 12% of Brazil's transmission capacity and
  - Is positioned as the third transmission company.
- Acquisition of Brookfield's stake in TBE

# ✓ Power Transmission: Expansion



# Cemig advances in the transmission sector

- ✓ Segment with greatest cash flow predictability and stability
- ✓ Long-duration contracts readjusted for inflation
- ✓ After the expanded participation in TBE and acquisition of Terna, contribution of the transmission business to the Company's consolidated EBITDA would have been close to 14% in 2008 (pro forma)
- ✓ New installed transmission capacity will reach 7,455 Km
- ✓ Grid with national reach: presence in 13 Brazilian states and in the Federal District
- ✓ Potential for synergies to be explored

#### **Power Transmission auctions**



#### 2008 Auctions

- June 27<sup>th</sup> auction results:
  - Estimated total investment Cemig's consortia won a set of 5 lines, with 775 km and 2 substations, operating at 230 kV, annual revenue of R\$ 26 million (EBTE)
- October 3<sup>rd</sup> auction results:
  - Average discount of 37.62%
  - 356 km (6 lines and 7 substations) to be added to the National Grid among 6 Brazilian States
  - Estimated total investment of R\$ 500 million
  - Operational start-up ranging from 16 to 24 months
- November 30<sup>th</sup> auction results (Madeira complex transmission lines)
  - Average discount of 7.15%
  - 2,300 km of transmission lines
  - Estimated total investments of R\$ 7 billion

#### 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

#### THE 1st TRANSMISSION TARIFF REVIEW



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.

With the valuation opinion for the assets, Aneel put the results of the first Tariff Review to public consultation AP-17/2009, effects to be backdated to June 2005. The amounts proposed are in Technical Note (NT) 165 – SRE of May 13, 2009.

The result of the public consultation will **substitute** the figures homologated by Aneel Homologating Resolution 493/2007, of June 26, 2007.

#### THE 1st TRANSMISSION TARIFF REVIEW



Aneel's proposal to the public consultation is:

DESCRIPTION	PREVIOUS VALUE (R\$)	REVIEW VALUE (R\$)
Total Annual Permitted Revenue (RBSE + RBNI)	316,107,885.62	360,192,923.44
Tariff Repositioning	5.35%	

- R\$ 44 million added to the RAP for 2005.
- Backdated payment, including monetary updating: R\$ 158 million.
- RAP for 2009 (without charges/taxes) goes from 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 2009.

# **Electricity Distribution Capacity**



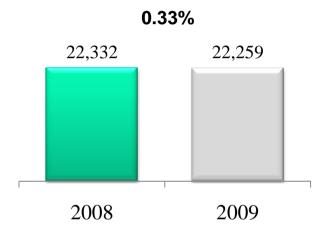
Network in km	2006	2007	2008	2009
SUB-TRANSMISSION	16,788	16,676	16,810	16,959
161-kV lines	55	55	55	55
138-kV lines	11,254	11,145	11,254	11,442
69-kV lines	4,513	4,510	4,535	4,508
Lines below 69 kV	966	966	966	954
DISTRIBUTION	402,539	429,560	442,749	450,316
Urban Overhead lines	92,083	90,524	91,550	95,539
Urban Underground lines	1,767	1,049	1,380	1,432
Rural Overhead Lines	308,689	337,987	349,819	353,345
TOTAL	419,327	446,236	459,559	467,275

- Cemig stands for 10% of Brazil's captive market
- We are the largest distribution network as measured by either Km of lines and number of consumers

#### Cemig D: sales by category in 2009





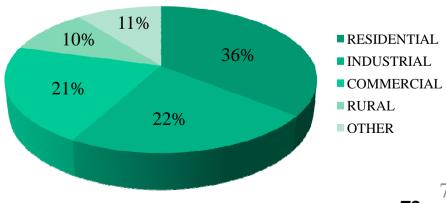


- ✓ Market stable from 2008 to 2009
- Growth in residential and commercial consumption softened fall in industrial sector
- Fall in industrial consumption was due to reduction of demand, and migration of load to Free Market
- ✓ Adjusted by migration, growth is 1.9%

#### Sales by category, GWh

Final consumers	2009	2008	Change, %
Residential	7,774	7,164	8,5
Industrial	4,826	5,563	-13.2
Commercial	4,642	4,391	5.7
Rural	2,208	2,296	-3.8
Others	2,283	2,845	1.3
Total	22,332	22,259	0.3

#### Percentage by category – 2009

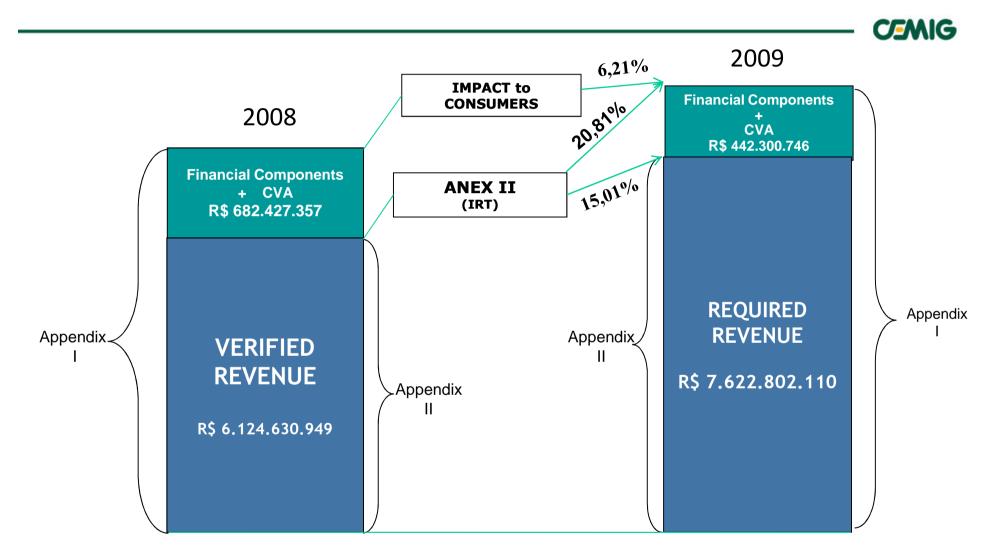


## Electricity Distribution tariff review



- 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 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)

#### 1<sup>st</sup> Review 2003 vs 2<sup>nd</sup> Review 2008/2009



#### 1<sup>st</sup> Tariff Review 2003

- Regulatory Ebitda Margin: 21.2%
- Losses coverage: inadequate
- Market Growth:

   3.7% p.a. (with risk of being lower; at the time, was 2.0% p.a.)
- X Factor (Xe): 1.25%

#### 2<sup>nd</sup> Tariff Review 2008

- Regulatory Ebitda
   Margin: 21%
- Losses coverage: sufficient
- Market Growth:
   3.17% p.a. (less risk than in 2003)
- X Factor (Xe):0.84%

#### 2<sup>nd</sup> Tariff Review 2009 Final

- Regulatory Ebitda Margin: 21%
- Losses coverage: sufficient
- Market Growth:
   3.17% p.a. (less risk than in 2003)
- X Factor (Xe):0.14%

## Natural Gas Distribution - Gasmig

- √ 277 Clients (conventional), 2 Thermal power plants
- √ 220 employees
- √ 23 municipalities served
- √ 695 km of networks

Concession area: 586,523 km²

Market:
Sales volume:
549,210,852 m³/year
Average: 1,504,687
m³/day

#### Major works:

**Sul de Minas Project** 

- Completed

Vale do Aço project

- 67% completed

Market: Equivalent in million BTU:

1,300,971 MBTU/year

3,564 MBTU/day

Figures up to December 2009

## 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

## Agenda



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- Results
- Market Recognition
- Regulatory Framework
- Others

## 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

#### **%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%

<sup>\*</sup> Considers that all partners will exercice prefference rights from MDU stake

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

<sup>✓</sup> 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%.

## Acquisitions



#### Increased participation in TBE

- ✓ 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
- ✓ 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

## 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		

<sup>\*\*</sup> 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

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

#### Acquisition of holdings in wind farms: The Transaction

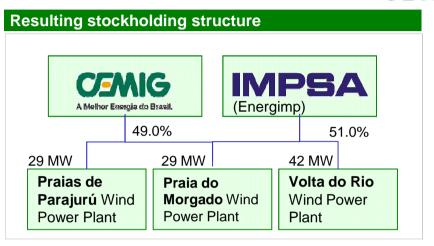


#### The Transaction

operational startup dates.

- Acquisition of 49% stockholdings in three wind farms (99.6MW) in the Brazilian State of Ceará, currently owned by Energimp S.A. (IMPSA).
- Price paid for the shares: R\$ 213 million, to be paid to IMPSA after apporval by Aneel, the Caixa Econômica Federal ("CEF") and Eletrobrás.
- Cemig has no project completion risk in relation to the wind farms.
- Stockholders' Agreement between Cemig and IMPSA sets the conditions for governance and management.

# Equity + debt: components of EV • R\$ million 417 852 Equity value of 100% of the wind farms \* Includes interest on financing by CEF, pro-rata, up to estimated

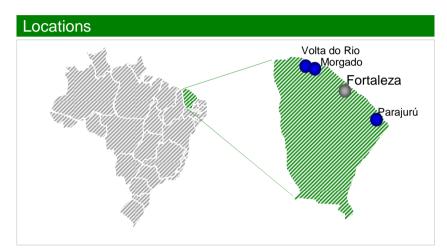


#### Principal financing

- Creditor: Caixa Econômica Federal (CEF)
  - Amount: R\$ 376 million
  - Tenor: 12 years
  - Rate: TJLP +2.5% p.a.
  - Grace period: 6 months

## Acquisition of holdings in wind farms: The Assets





#### Volta do Rio Wind Power Plant

• Location: Acaraú (240km from Fortaleza), Ceará

Equipment: 28 rotors of 1,500KW each

Installed capacity: 42.0MW

Load factor : >45%

Energy contracted: 161.2GWh / year

Cliente (Proinfa): EletrobrásPrice of electricity: Proinfa

Concession period: 30 years

#### Praias de Parajurú Wind Power Plant

Location: Beberibe (102km from Fortaleza), Ceará

Equipment: 19 rotors of 1,516KW each

Installed capacity: 28.8MWLoad factor: >45%

Energy contracted: 106.6GWh / year

Client (Proinfa): Eletrobrás
 Price of electricity: Proinfa
 Concession period: 30 years

#### Praia do Morgado Wind Power Plant

Location: Acaraú (240km fromFortaleza), Ceará

• Equipment: 19 rotors of 1,516KW each

Installed capacity: 28.8MWLoad factor: >45%

Energy contracted: 115.6GWh / year

Client (Proinfa): EletrobrásPrice of electricity: Proinfa

Concession period: 30 years

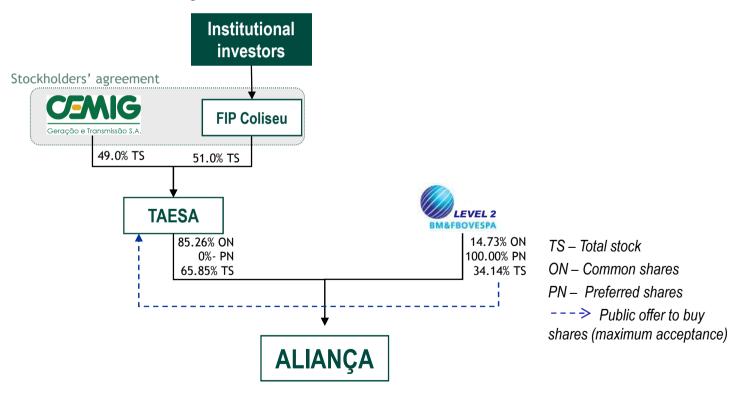
## Terna acquisition - Transaction Summary



- ✓ 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
    - o 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

# FIP Coliseu: efficient vehicle for growth in the transmission sector

- ▶ On November 4. 2009. **Cemig GT** acquired, jointly with **FIP Coliseu**, 65.85% of **Terna Participações** S.A.. through Transmissora do Atlântico de Energia Elétrica S.A. "**Taesa**"
- ▶ On the same date the name of **Terna** was changed to **Transmissora Aliança de Energia Elétrica S.A.** "Aliança":



CEMIG

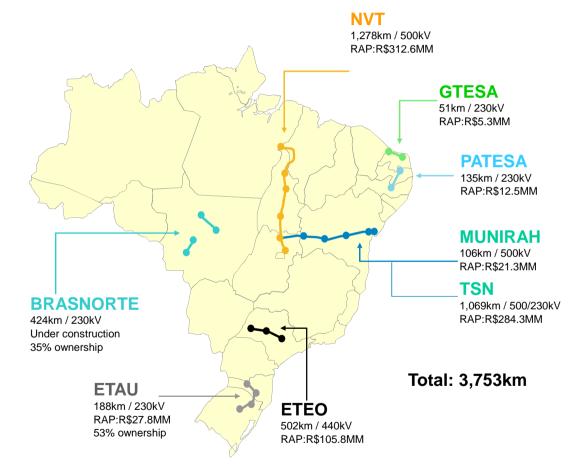
#### Transmissora Aliança de Energia Elétrica S.A - Taesa Overview



#### **Geographic Footprint**

#### **Overview of Concessions**

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



## Rationale of model for Taesa acquisition (with FIP)



- ✓ In line with the Long-term Strategic Plan
- ✓ IRR of 10.6% for the base case and 12.5% including additional gains
- ✓ Vehicle for growth in the transmission sector.
- ✓ Synergies with Cemig's transmission assets, including TBE
- ✓ Operational and corporate gains
- ✓ Possibility of improving Ebitda margin (currently 87%)
- ✓ 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

## 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

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

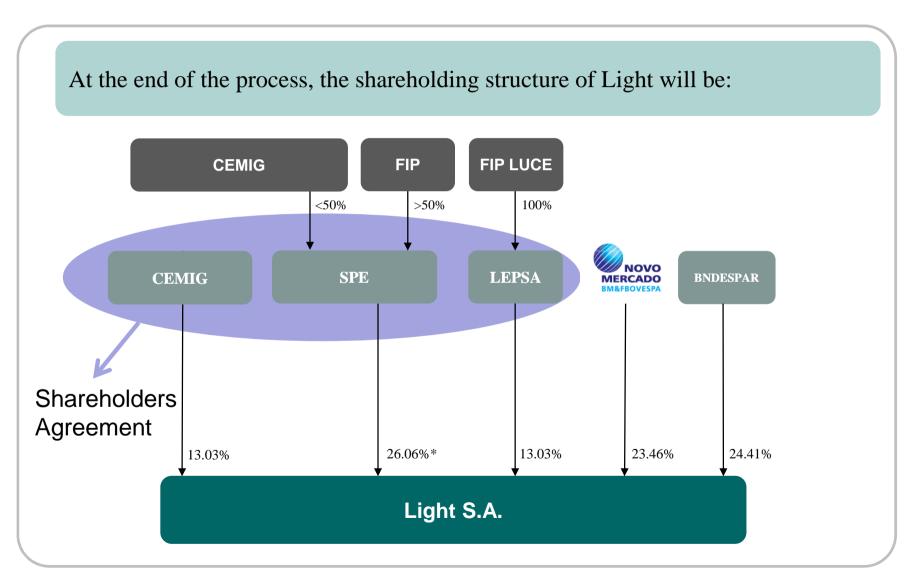


- √ The increase of Cemig's stake marks the beginning of a second stage in Light's history
  - With the selling of the financial partners' stakes it will be possible to increase the synergy between Cemig and Light
  - Corporate Governance structure will be preserved
  - A new era for Light will be marked 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)

#### **▶** Final structure







<sup>\*</sup> Maximum stake

## 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:
  - IRR of the transaction for the shareholder is 11% in real terms
  - Price paid is 7.22 x 2009 Ebitda, and 6.36 x 2010 Ebitda, according to market consensus figures of November 2009.

## Agenda



- Background
- Strategy Overview
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## CAPEX(R\$ Million)



#### Investment program

Activity	2009	2010	2011	2012
Basic program (1)	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

<sup>(1)</sup> 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.

<sup>(2)</sup> Based on 100% acceptance of the Public Offering

## Planned expansion



#### **Power Generation Expansion**

Capacity, MW	CEMIG %	2009	2010	2011	2012	2013
Santo Antônio Hydro Plant	10				3,150	
Pipoca PCH	49		20			
Senhora do Porto PCH	49		12			
Dores de Guanhães PCH	49		14			
Jacaré JCH	49		9			
Fortuna II PCH	49		9			
Wind Farm - Ceará	49	70				
Itaocara	49					194
Paracambi	49			25		
Lajes	49		18			
Capacity under construction		70	82	25	3,150	194
Cemig stake (MW)		34	40	12	315	95
CEMIG TOTAL		6,803	6,844	6,856	7,171	7,266

#### **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

## Planned Light for All Program – Phase 2



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)		
	2009	2008
Cash at start of period	2,284	2,066
Cash from operations	3,505	2,967
Net income	1,861	1,887
Depreciation and amortization	736	715
Suppliers	5	-68
Deferred Tariff Adjustment	133	412
Regulatory Asset - Transmission Tariff Review	-119	-
Other adjustments	889	21
Financing activity	2,248	-1,396
Financing obtained and capital increases	4,311	361
Payment of loans and financing	-1,015	-893
Interest on Own Capital and Dividends	-937	-864
Reduction on minority shareholders' participation	-111	-
Investment activity	-3,611	-1,353
Investments	-529	-90
Property, Plant and Equipment /Intangible	-3,082	-1,263
Cash at start of period	4,426	2,284

<sup>✓</sup> Cash position provides flexibility to financial management

#### Consolidated net revenue

- CEMIG

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

#### Operating Revenues (consolidated)

#### Values in million of Reais

	4Q09	3Q09	Chge%	4Q08	Chge%	2009	2008	Chge%
Sales to end consumers	3,619	3,193	13	3,270	(2)	12,877	12,526	3
TUSD	386	247	56	404	(39)	1,231	1,432	(14)
Effects of the Definitive Tariff Review	66	66	-	-	-	(71)	-	-
Subtotal	4,071	3,506	16	3,674	(5)	14,037	13,958	1
Supply + Transactions in the CCEE	547	403	36	·	, ,	1,774	1,159	
Revenues from Trans. Network	259	278	(7)	188		1,014	718	
			, ,					
Gas Supply	73	83	(12)	95	(13)	307	385	
Others	(73)	131	(156)	-	-	310	268	
Subtotal	4,877	4,401	11	4,121	7	17,442	16,488	6
Deductions	(1,507)	(1,408)	7	(1,366)	3	(5,737)	(5,598)	2
Net Revenues	3,370	2,993	13	2,755	9	11,705	10,890	7

## **Operating Expenses**

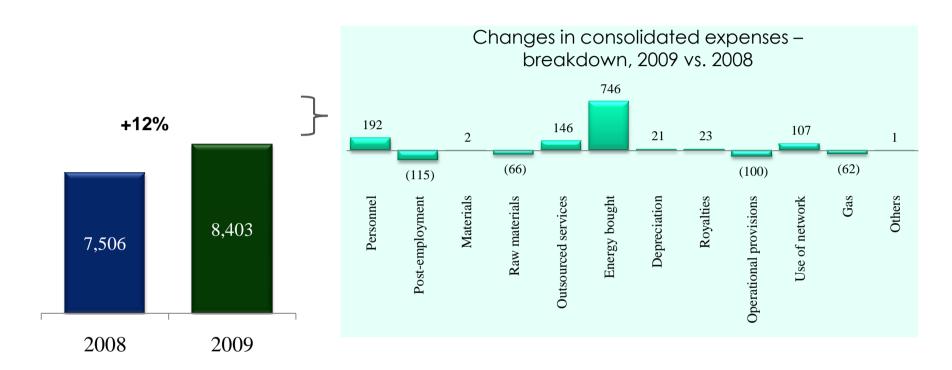


# Operating Expenses (consolidated) Values in R\$ million

	4Q09	3Q09	Chge%	4Q08	Chge%	2009	2008	Chge%
	070	070		000		4.000	4.405	
Personnel/Administrators/Councillors	272	278	(2)	282	(4)	1,296	1,105	17
Forluz – Post-Retirement Employee Benefits	43	37	16	77	(44)	149	264	(44)
Materials	28	27	4	32	(13)	107	105	2
Raw material for production	-	-	-	5	(100)	4	70	(94)
Contracted Services	290	170	71	202	44	822	676	22
Purchased Energy	1,177	1,019	16	775	52	3,706	2,960	25
Depreciation and Amortization	219	173	27	173	27	736	715	3
Royalties	39	42	(7)	33	18	154	131	18
Operating Provisions	17	39	(56)	30	(43)	106	206	(49)
Charges for Use of Basic Transmission Network	218	198	10	193	13	831	724	15
Gas Purchased for Resale	38	44	(14)	61	(38)	167	229	(27)
Other Expenses	98	66	48	117	(16)	324	321	1
Total	2,439	2,093	17	1,980	23	8,402	7,506	12

## Evolution of Consolidated Expenses – 2009/2008





- ✓ Increase in operational expenses due to non-controllable costs
  - · Higher purchase of electricity, due to increase in average tariff of electricity bought for resale
  - Voluntary Retirement Plan impacted personnel expenses
  - Increase in expenses on outsourced services, in particular the call center, and maintenance of electricity
     systems and equipment due to strong rains in the concession area

## Expansion of consolidated net income



- ✓ 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

	4Q09	3Q09	Chge%	4Q08	Chge%	2009	2008	Chge%
Net Revenue	3,370	2,993	13	2,754	22	11,705	10,890	7
Operating Expenses	(2,439)	(2,094)	16	(1,980)	23	(8,402)	(7,506)	12
EBIT	931	899	4	774	20	3,303	3,384	(2)
EBITDA	1,150	382	201	947	21	4,039	4,099	(1)
Financial Result	(138)		1,280	(130)	6	(219)	(94)	133
Provision for Income Taxes, Social Cont & Deferred Income Tax			(34)			, ,		(0)
Employee Participation	(140)	, ,		, ,		,		
	, ,			,		` '		
Minority Shareholders	(30)	```	275		, ,	, ,		, ,
Net Income	434	567	(23)	246	76	1,861	1,887	(1)

## Cemig Distribuição



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

	Taia		10110 01	- Cuio				
	4Q09	3Q09	Chge%	4Q08	Chge%	2009	2008	Chge%
Net Revenue	1,848	1,761	5	1,519	22	6,385	6,147	4
Operating Expenses	(1,649)	(1,521)	8	(1,274)	29	(5,797)	(4,895)	18
EBIT	199	240	(17)	245	(19)	588	1,252	(53)
EBITDA	314	320	(2)	325	(3)	945	1,606	(41)
Financial Result	(36)	43			(614)		,	
Provision for Income Taxes, Social Cont & Deferred Income Tax	(12)	(74)				`	,	, ,
	, ,		, ,					, ,
Employee Participation	(92)	(19)				,	, ,	
Net Income	59	190	(69)	43	37	338	709	(52)

## Cemig Geração e Transmissão



#### Statement of Results (Consolidated) - CEMIG GT

#### Values in millions of *reais*

	¥ 0	ides iii iii	IIIIOIIS OI	rcars				
	4Q09	3Q09	Chge%	4Q08	Chge%	2009	2008	Chge%
Net Revenue	905	847	7	747	21	3,529	2,937	20
Operating Expenses	(353)	(334)	6	(344)	3	(1,362)	(1,237)	10
EBIT	552	,				, , ,	,	
EBITDA	618					Í		
LBITDA	010	370	0	400	34	2,403	1,924	23
Financial Result	(89)	(55)	62	(65)	37	(236)	(245)	(4)
Provision for Income Taxes, Social Cont								
& Deferred Income Tax	(125)	(133)	(6)	(58)	116	(567)	(383)	48
Employee Participation	(33)	(6)	450	(71)	(54)	(55)	(86)	(36)
Employee i dittolpation	(00)	(0)	700	(71)	(34)	(33)	(30)	(30)
Net Income	305	319	513	209	46	1,309	986	33

## Agenda



- Background
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## 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.



**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.

2009





- √ 36th Apimec Award
  - Best publicly traded company
  - **Best IRO**

## Appendix



- Regulatory Framework
- Others

## Power Generators are the most exposed to risks



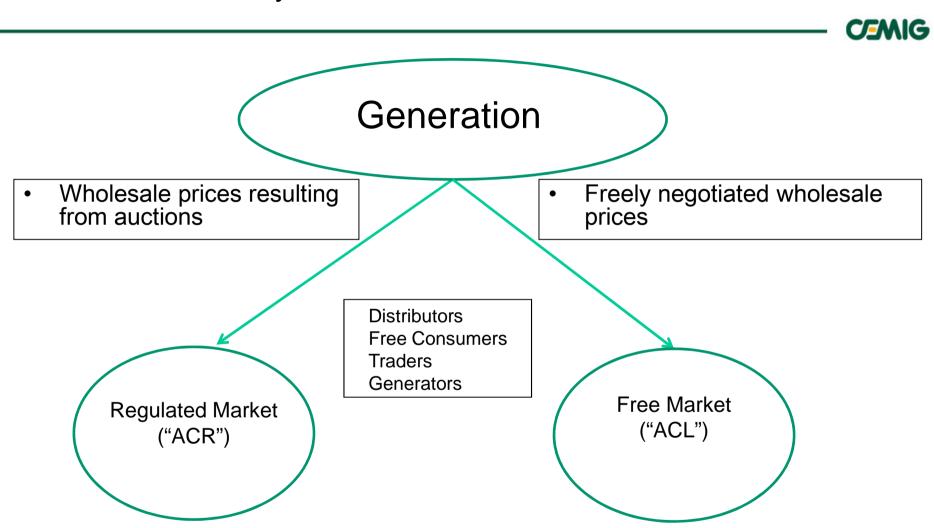
- Regulated market
  - Concessions granted based on the least price approach.
  - Power purchase contract:
    - Auctions organized by a Federal agency:
      - Final buyer : Electricity Distributors.
    - New capacity: longer term, no market risk, inflation adjusted;
    - Existing capacity: shorter 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.

#### Power Generation Price Trend



- 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



Co-existence of two markets: competitive, and regulated

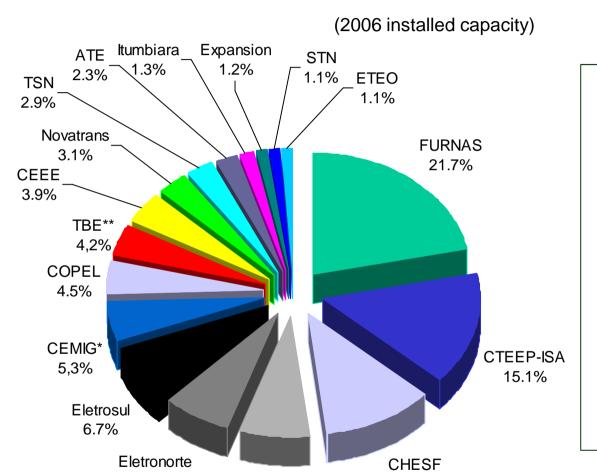
# Types of contracting in the Regulated Market



	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 decontracted 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 Transmission: Brazil





Other

7.3%

#### **Comments**

- Infrastructure companies have won the auctions for new lines, particularly Spanish companies.
- The format for the expansion of new lines – auction based on the lowest RAP (Annual Permitted Revenue) – has attracted investors.

\*\* Deducting the 21% stake in CEMIG

7.1%

Source: ANEEL (TECHNICAL NOTE No. 082/2006 - SRT/ANEEL of Jun-27-2006)

11.2%

<sup>\*</sup> Includes the 21% stake in TBE:

# Transmission regulation is the most successful one



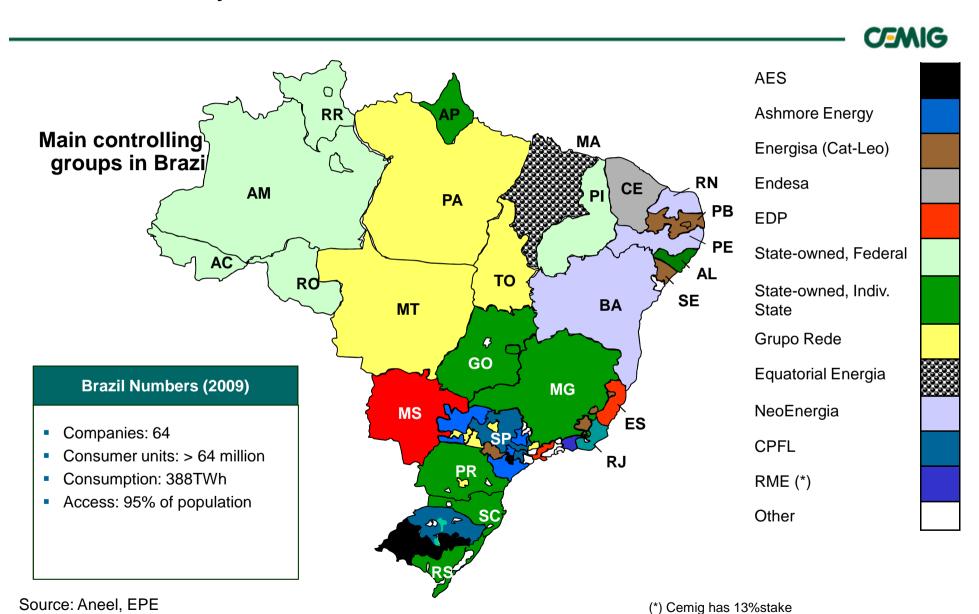
- Competition for concession contract:
  - Cap price approach;
  - Allowed revenue: the winner bid is the lowest revenue earned from users;
  - 30-year long concession.
- Stable Cash flow
  - Guaranteed contracts signed with users:
    - Receivables pledged as guarantees;
    - Annual inflation adjustment;
    - 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**



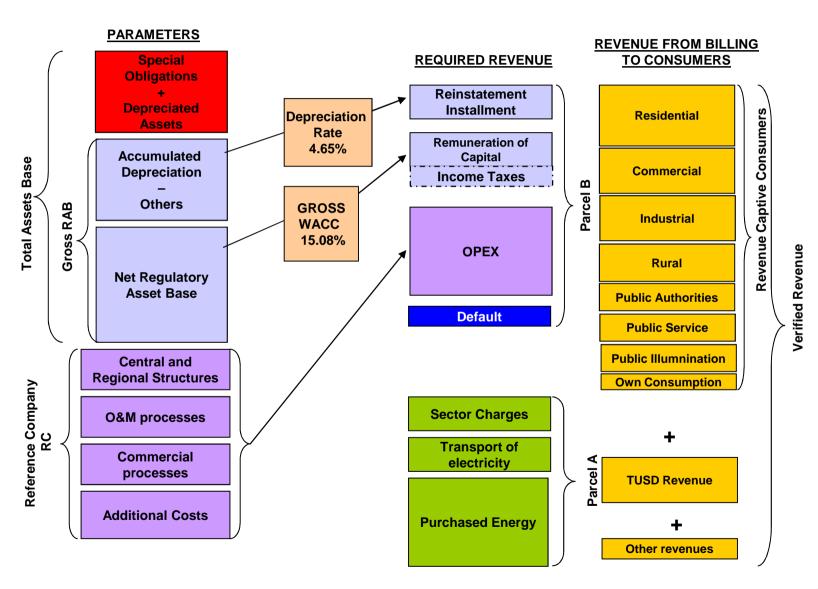
#### Electricity Distribution business is the most regulated one



- 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**





# Appendix



- Regulatory Framework
- Others

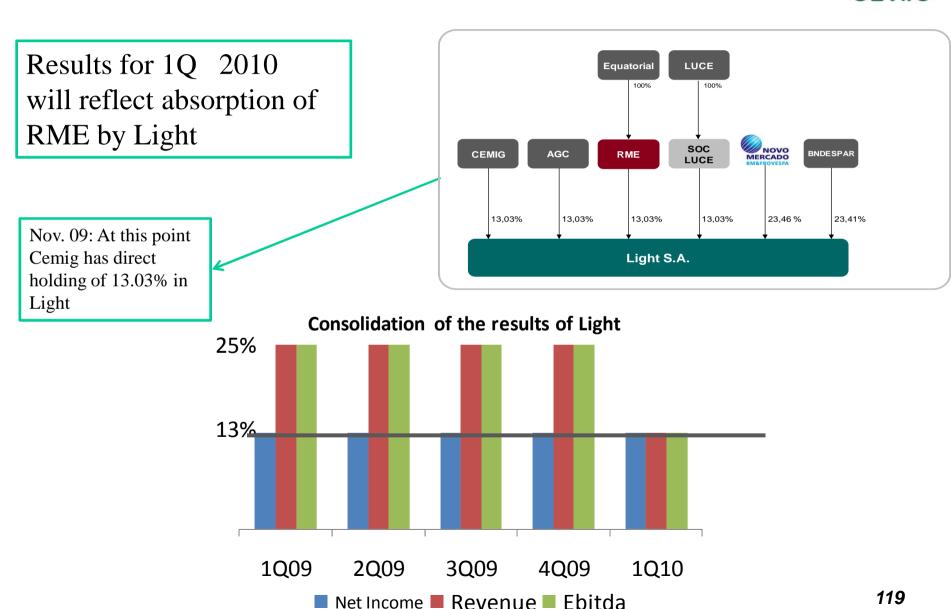
# The Collective Work Agreement for 2009–2010



- 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.

### Stockholding restructuring in Light: accounting effects





# 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.



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