



Corporate Presentation

2017



AES Corporation

A Global Company

Natural gas and coal fired
thermal plants

25 GW of installed capacity



Over 8 GW of
Renewable sources¹



Distributed energy
+104 MW of solar PV²
projects in operation



World leader in
Energy Storage
Total of 476 MW³

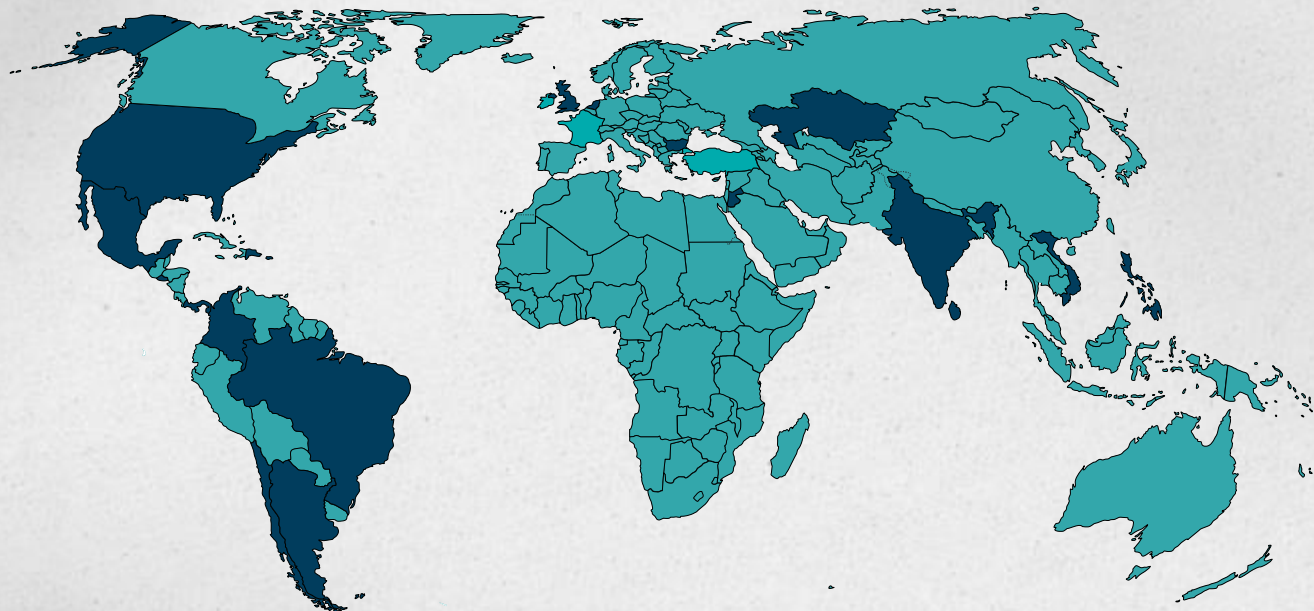


35 GW
installed
capacity

Providing
services to over
9 million
customers

19
thousand
employees

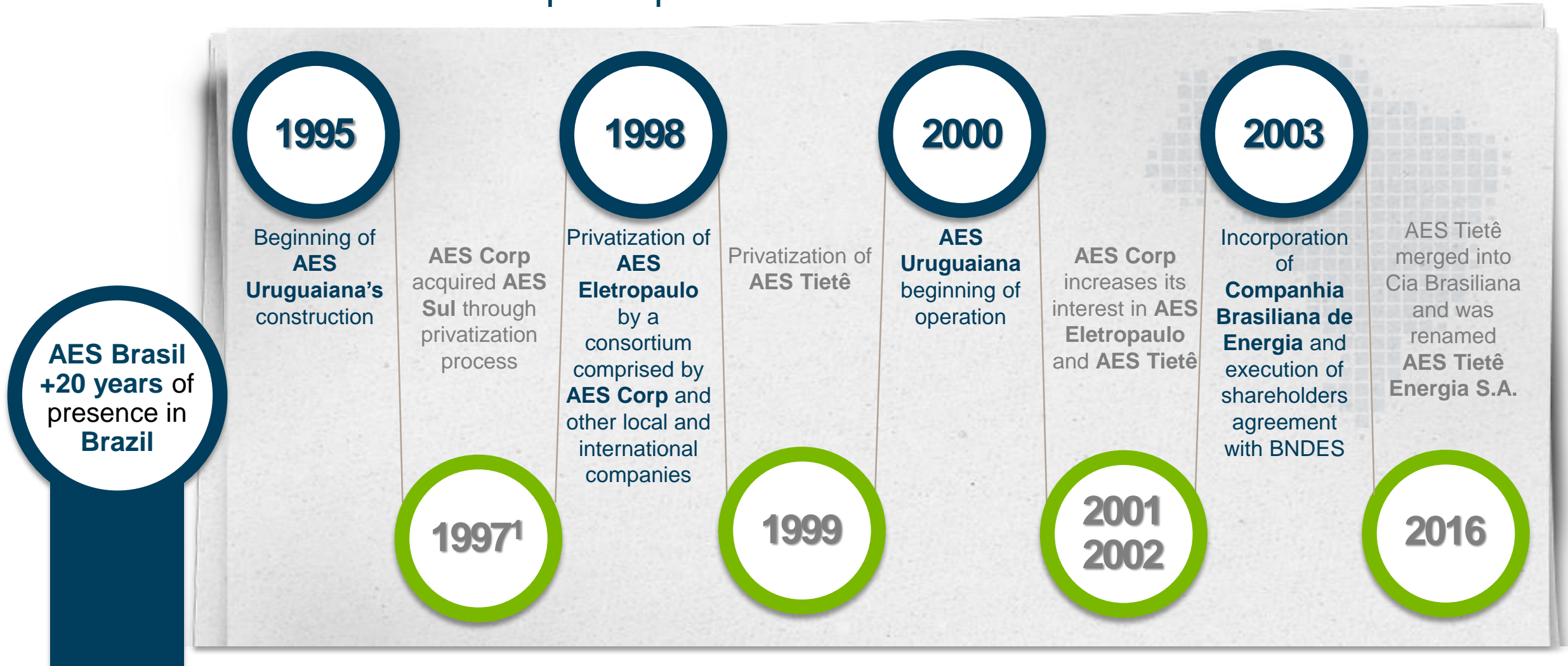
AES Corp is present in 17 countries and 4 continents



AES Corporation

History in Brazil

Solid participation in the Utilities sector in Brazil



AES Brasil

Mission, Vision and Values



MISSION

To promote well being and development by providing secure, sustainable and reliable energy solutions

VISION

To be recognized by our customers and shareholders as a partner for safe, innovative, reliable and affordable energy solutions

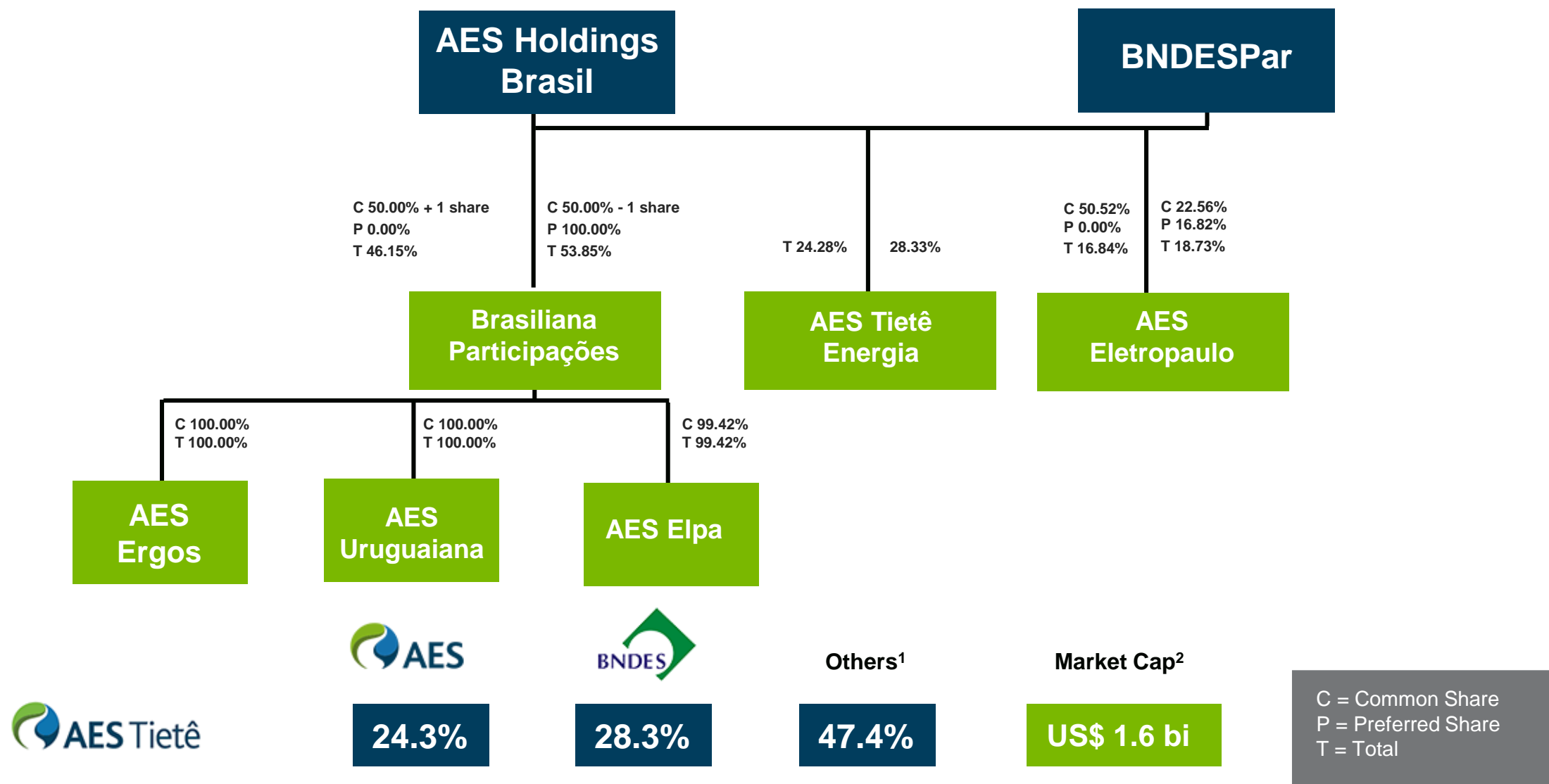
VALUES

- Put safety first
- Act with integrity
- Honor commitments
- Strive for excellence
- Have fun through work

AES TIETÊ ENERGIA AT A GLANCE



Ownership Structure



We Have Strong Capabilities and Corporate Governance

- 1 Asset Management - ISO 55001** certification, 1st Generation company in America
- 2 AES Tietê Energia** is part of the **Corporate Sustainability Index** (ISE) since 2007
- 3 Attractive** returns to investors. **Strong cash generation**; Maximization of payout
- 4 Cost efficiency** and **optimized capital** allocation
- 5 Established risk management capability**

Company Overview

One of the **largest private generation** companies in Brazil

PORTFÓLIO



14 ASSETS¹



3.2 GW
INSTALLED CAPACITY



3 SOURCES
(hydro, wind and solar)



Growth Strategy:

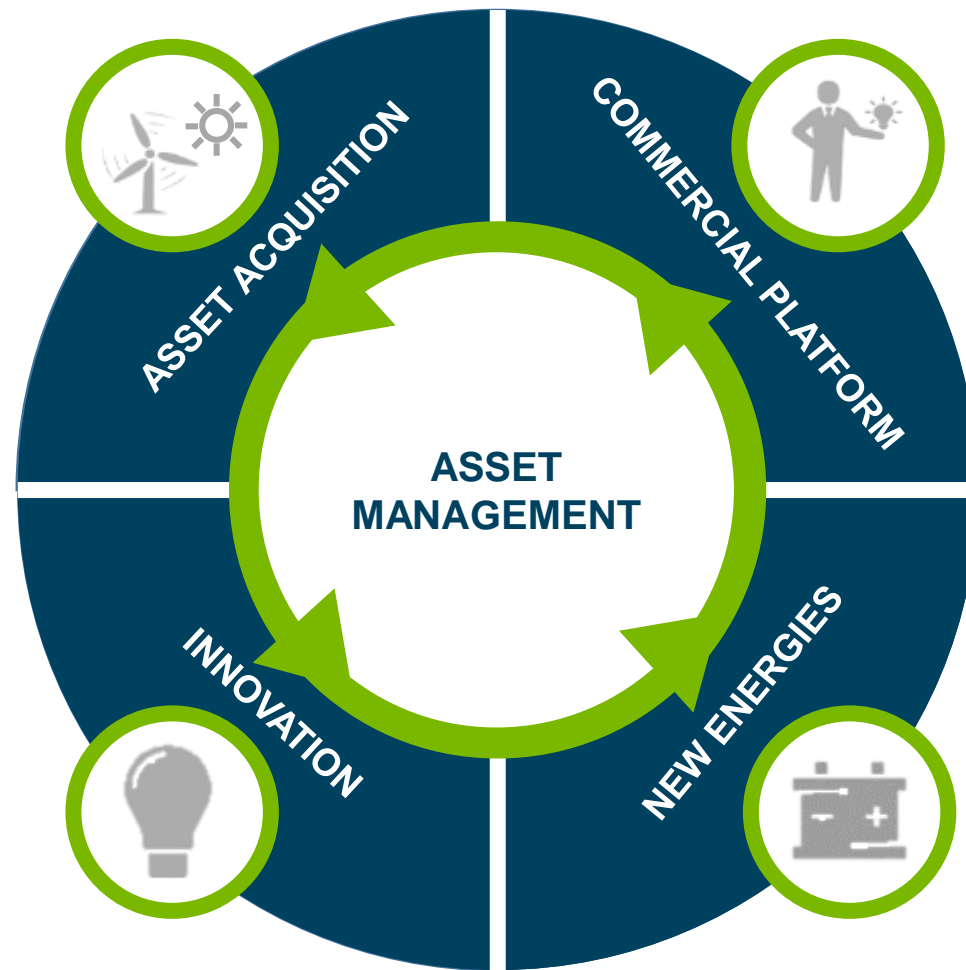
50% of the
Company's **2020**
EBITDA to come from
non-hydro sources



CORPORATE STRATEGY



Pillars for sustainable growth and diversification, reinforcing the commitment to generate shareholder value



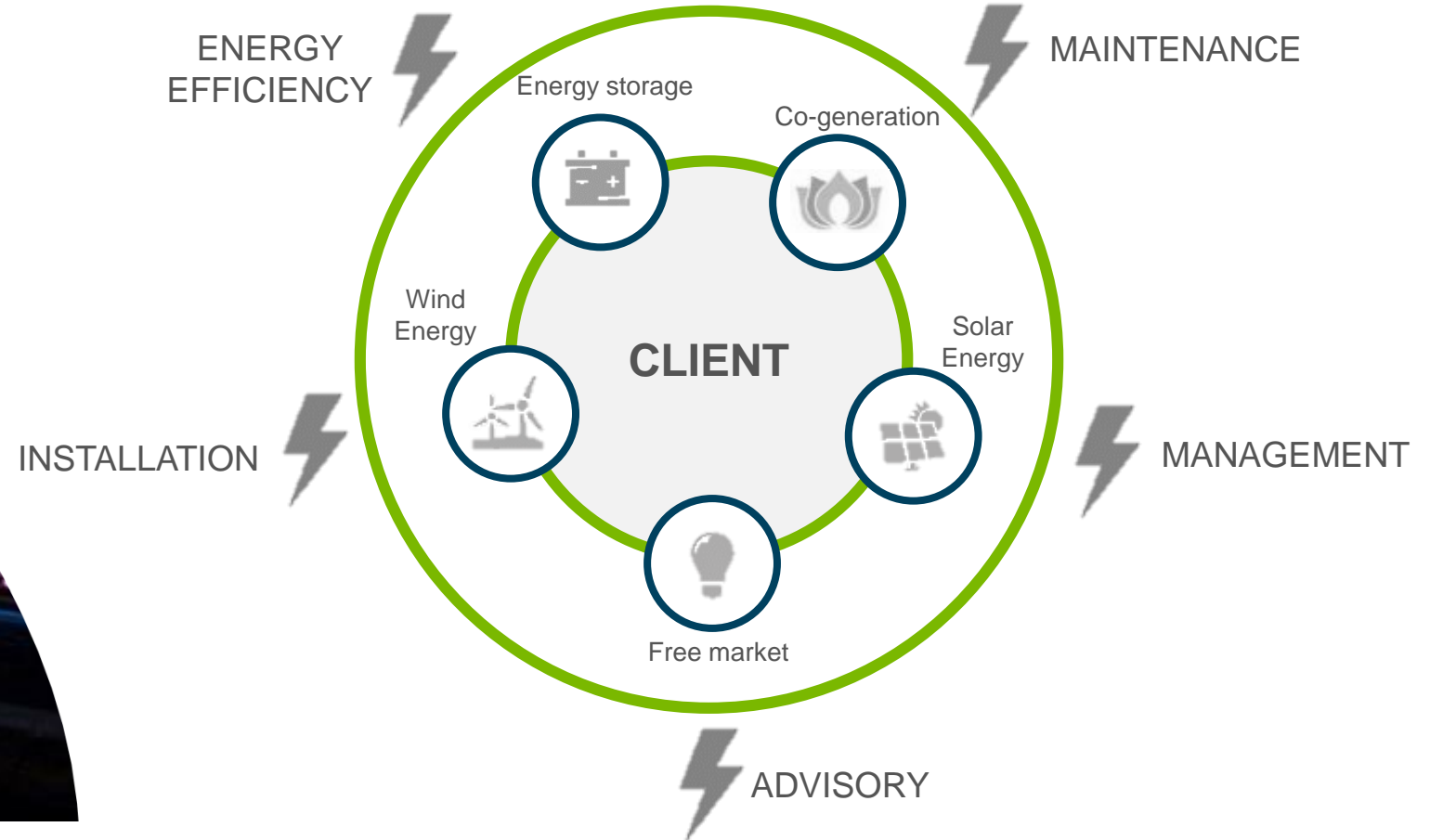
VALUE CREATION TO STOCKHOLDERS

- ✓ Sustainable growth
- ✓ Projects with attractive returns

Integrated Operational Platform

Centralized energy solutions for our client

SOLUTIONS AND SERVICES



Growth Perspectives



NATURAL GAS POWER PLANTS & COGEN (~ 1,5 GW)

- 2 natural combined power plants under development
- **Cogeneration:** solutions for Distributed Generation Projects
- **EMAE:** Partnership under development for a thermal plant in São Paulo's load center



RENEWABLE ENERGY – SOLAR & WIND

- 611 MW of renewable projects¹
- **Distributed generation**²: AES owns globally 104 MW and Brazil's potential is 4.5 GW up to 2024³
- Assessing greenfield and M&A opportunities



ENERGY STORAGE

- AES Corp is the world leader in battery-based energy storage with operations in 7 Countries (+476 MW capacity³; + 10 years experience)
- Medium and large size systems: utilities and behind the meter (industrial and commercial)

Growth Strategy

Expansion with new solutions and non hydraulic sources



Renewable Energy: Solar and Wind

ACHIEVEMENTS

- **Acquisition** of Alto Sertão II
- **Acquisition** of Boa Hora Solar Complex

OPPORTUNITIES

- **Investment agreement** of Bauru Solar Complex with
- **Participation in energy auctions: 75 MW** of solar projects located in São Paulo



Distributed Solar Generation

ACHIEVEMENTS

- **More than 160 kWp of celebrated contracts** since Dec/2015
- **Integrated operational platform**

OPPORTUNITIES

- **Market potential of 4.5 GW¹** until 2024 in Brazil



Energy Storage

ACHIEVEMENTS

- **Pilot project in Bariri plant** with batteries with a total capacity of 200 kVA

OPPORTUNITIES

- **Participation in isolated auctions**
- **Market potential of 1.5 GW²** by 2020 in Brazil

Alto Sertão II Wind Complex

Closing of the acquisition

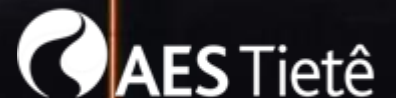
- Closing of the acquisition process on August 3rd
- PPAs: LER¹ 2010 (valid until 2033) / LEN² 2011 (valid until 2035)
- Acquisition Price: R\$ 600 million
 - Up to R\$ 100 million as earn-out³
 - Assumption of R\$ 1,150 million in debts



386.1 MW
installed capacity



Caetité – Bahia
asset location



Boa Hora Solar Complex

- LER 2015 (until 2035) – R\$ 318.65/MWh
- Acquisition Value: R\$ 75 million
- Estimated CAPEX of R\$ 300 million
- Distinguishing factor: synergy gains
- Transfer to São Paulo approved in Nov/17
- Next steps:
 - Beginning of construction planned for Dec/17
 - Commercial operation planned for Nov/18

 **91 MWp** (75 MWac)
installed capacity

 **Ouroeste - SP**
asset location

Bauru Solar Complex

- LER 2014 (until 2037) – R\$ 265.43/MWh
- Investment agreement: R\$ 650 million
- Distinguishing factor: synergy gains
- Construction realized by Cobra do Brasil
 - 35% of physical advance of the construction
- Next steps:
 - Commercial startup expected for May/18

 **180 MWp** (150 MWac)
installed capacity

 **Guaimbê - SP**
asset location

A man in a dark suit and glasses is seated in a modern control room, viewed from the side. He is looking at several computer monitors. The room is filled with desks and more monitors in the background, some displaying maps and others showing data. The lighting is bright, and the environment appears professional and high-tech.

New Center of Operations

- Location: Bauru, São Paulo
- Center for monitoring and research of new technologies
- Operational efficiency: remote and centered operation of all assets and locks
- + R\$ 20 million investments in technologies

Contracting Environment and Opportunities

2016
and
beyond

R_egulated Market

Existing Energy
Auctions



Via auctions organized
by federal government

Distribution
companies

F_ree Market

Bilateral
contracts



Via bilateral
agreements

Free Consumers¹

S_pot Market

Non contracted
energy



Exposed to Spot
Market price

CCEE Settlement

Free Market

Dynamic and competitive market

PRICE FORMATION METHODOLOGY

Short term

Spot price
(hydrology and reservoirs)

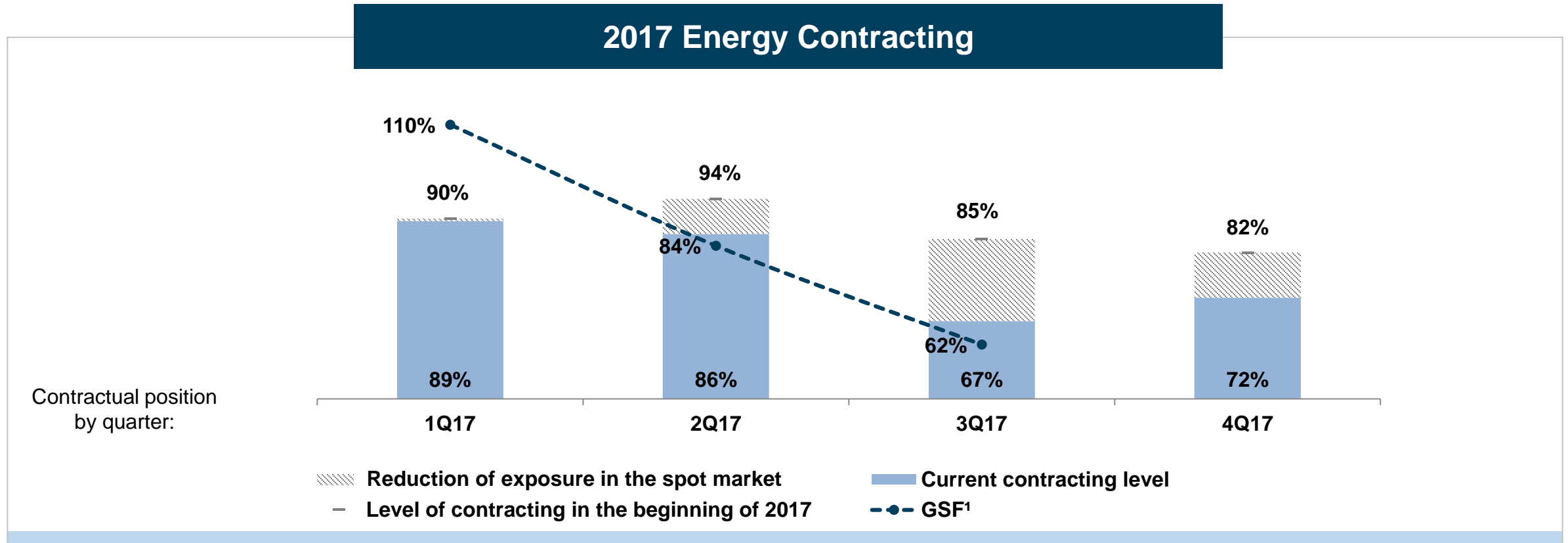
Medium term

Supply and demand

Long Term

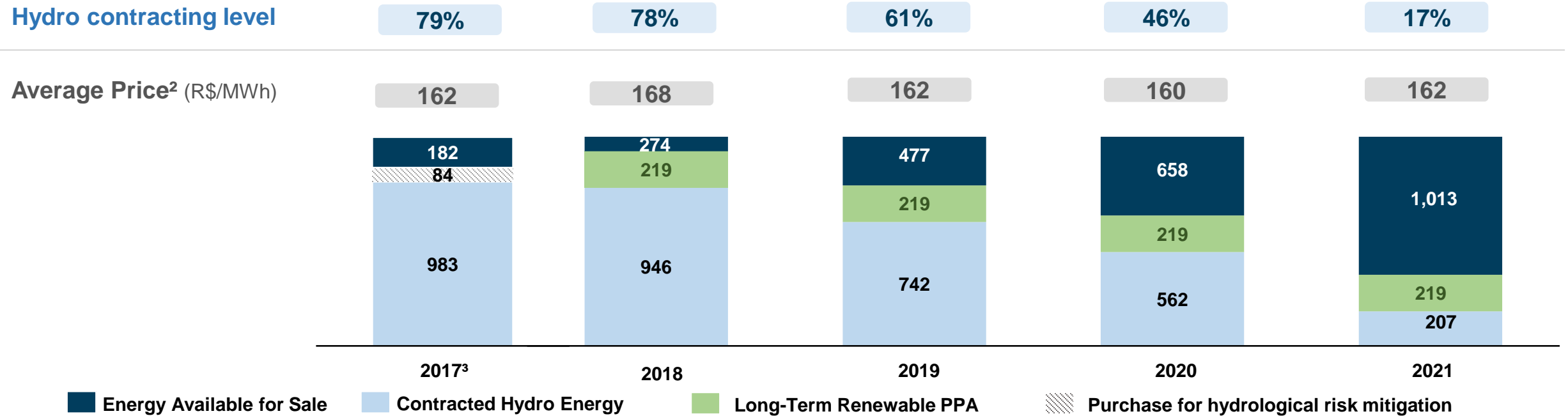
Marginal Expansion Cost
Regulated Market price

Agility in Commercial Actions with the Anticipation of the Hydrological Risk Avoiding Exposure in the Spot Market



Commercialization Strategy Focused on Portfolio Management Aiming at Maximizing the Commercial Margin

Amounts contracted and Available for sale¹ (MWavg)



OPERATIONAL PERFORMANCE

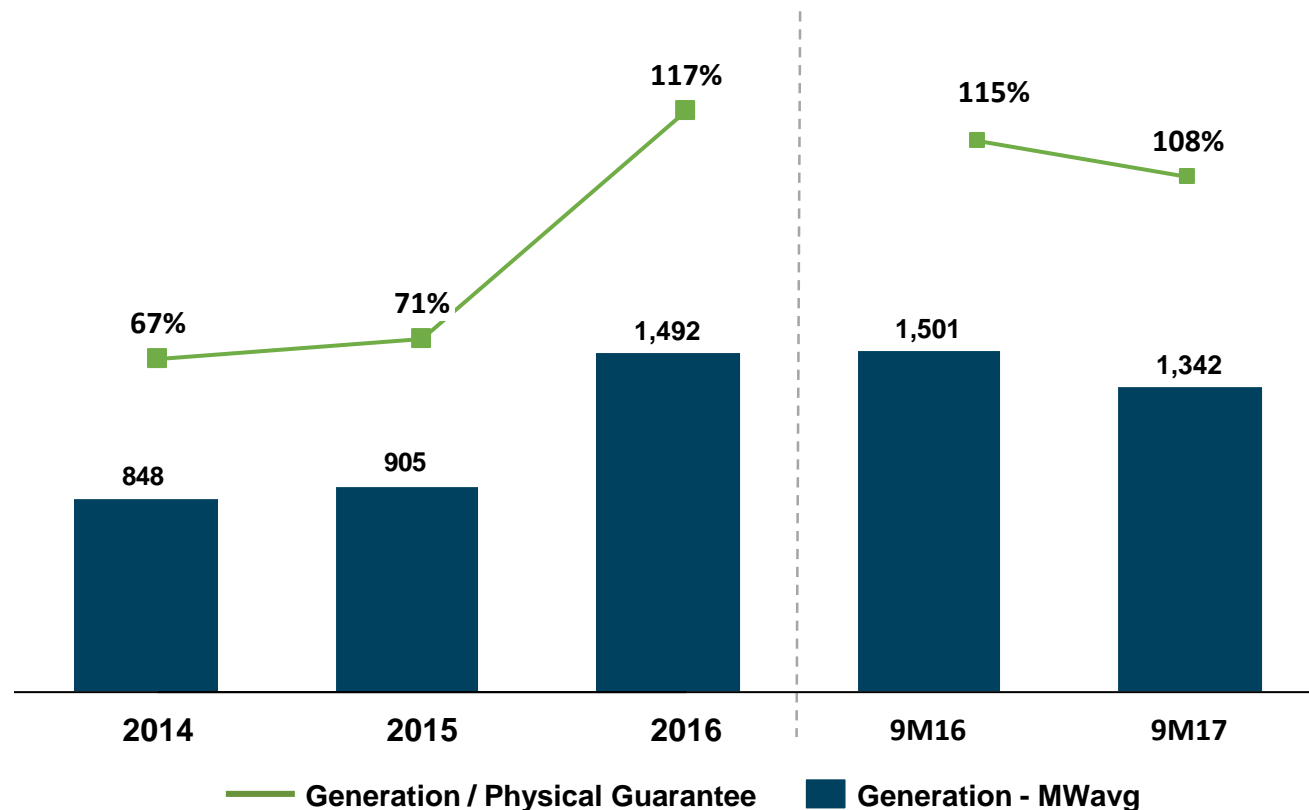


Lower Generation due to ONS' Lower Dispatch



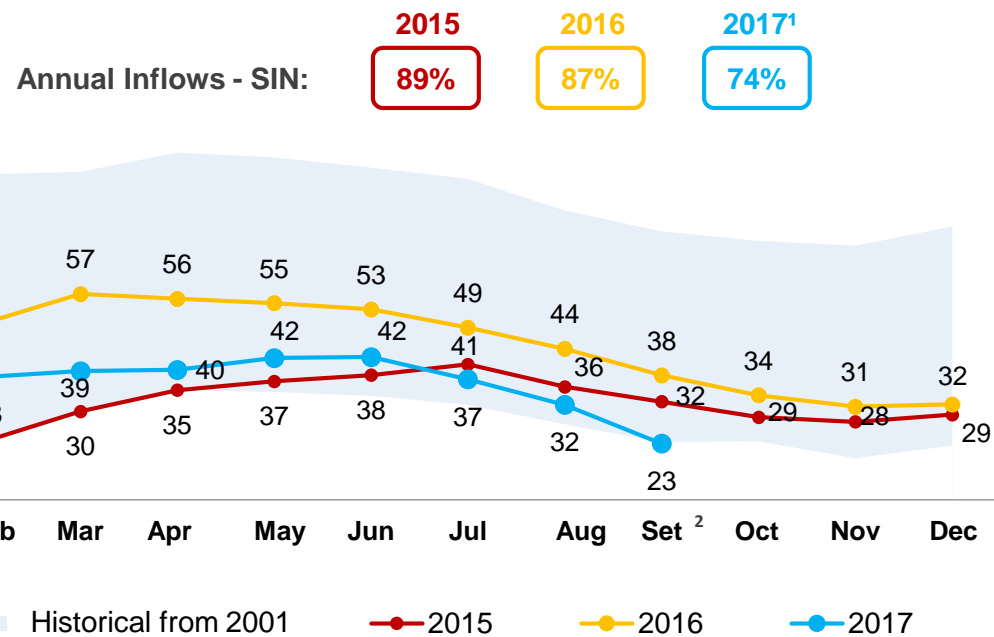
- **Hydropower** plants are **dispatched** by ONS¹
- **Dispatch** is also related to **hydrological conditions**:
 - **Low hydrology** translates into **low generation levels**

Hydro Generated Energy (MWavg²)



3Q17 Hydrology at 60% of the Historical Average

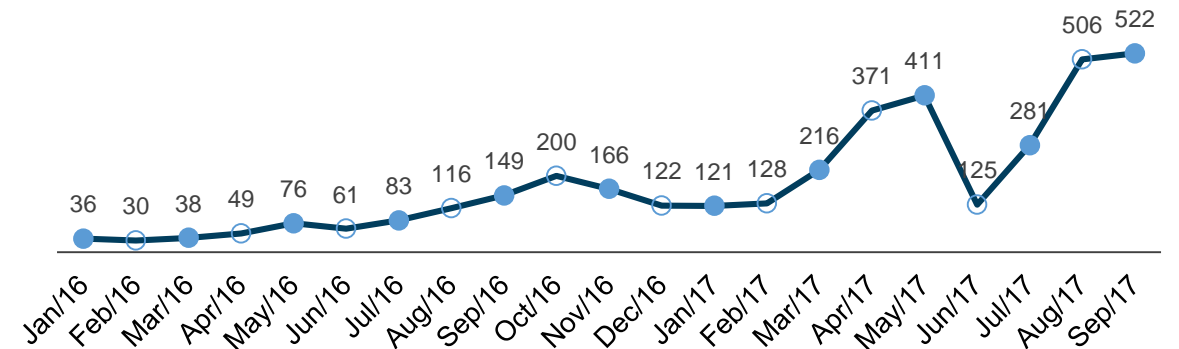
Level of Brazilian Reservoirs (%)



Evolution of PLD - SE/CW (R\$/MWh)

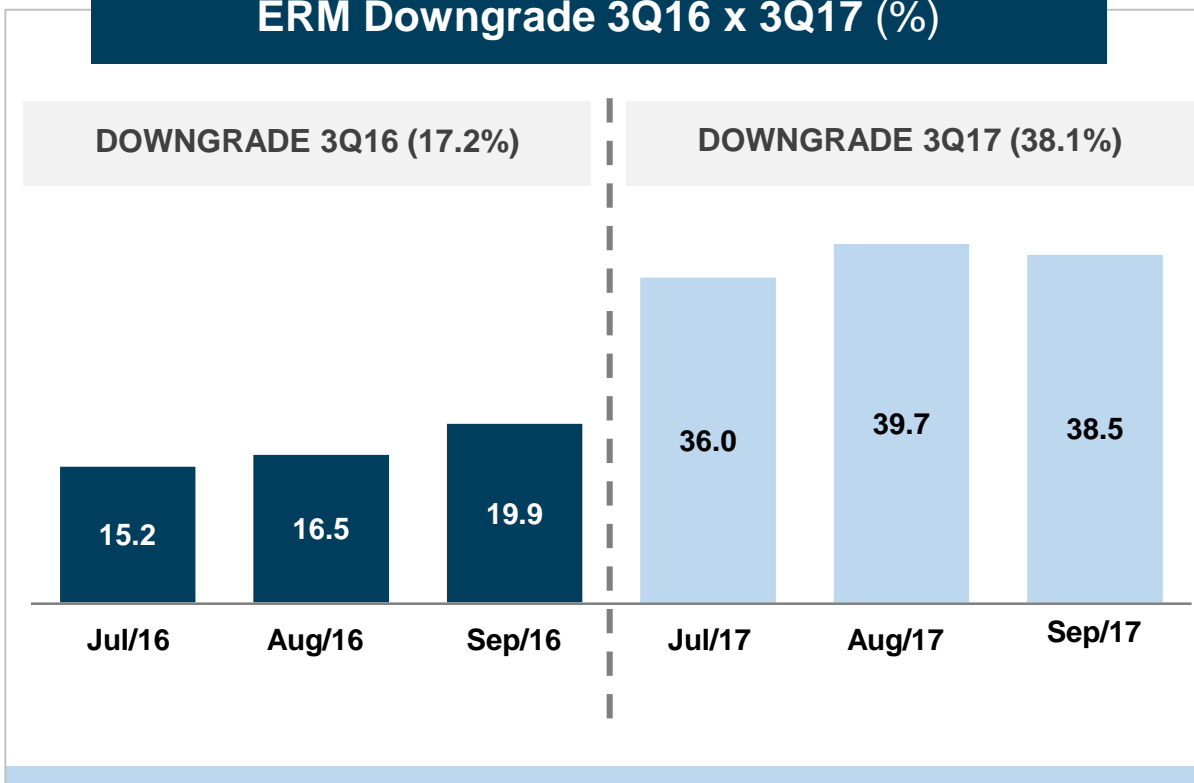
Average PLD (R\$/MWh)

1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
35	62	116	163	156	304	435

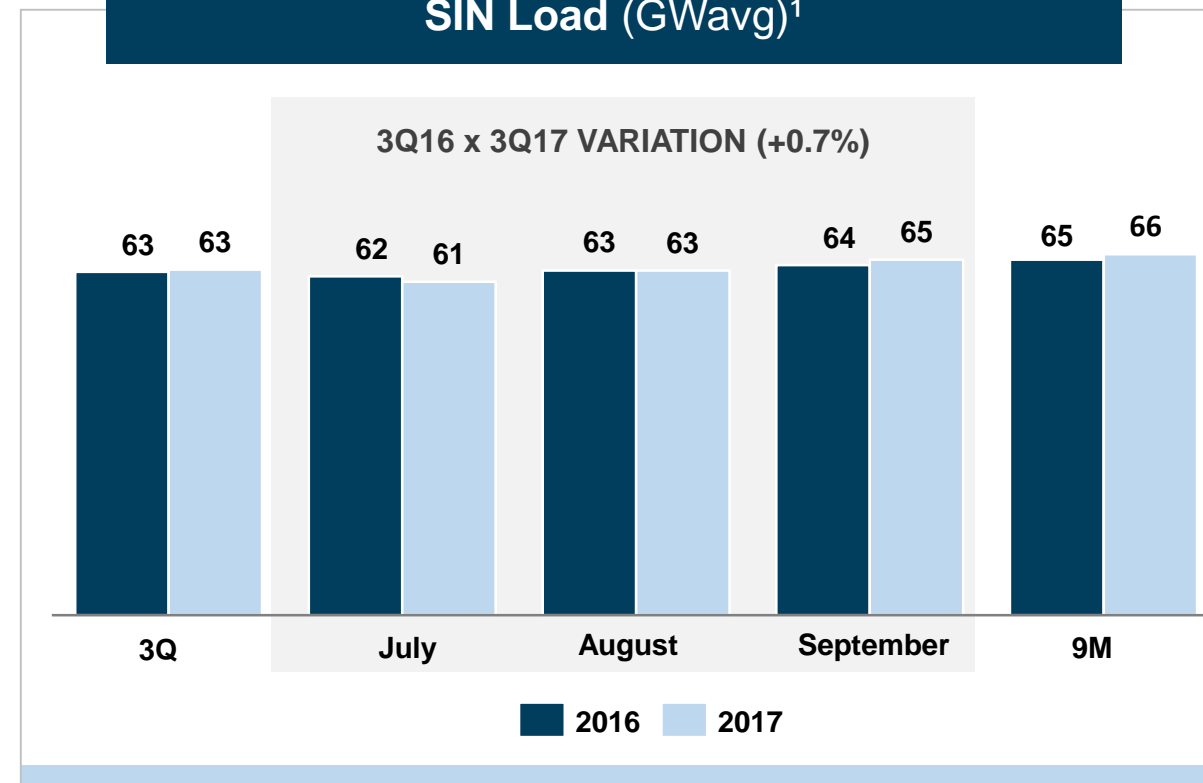


Average Downgrade of 38% in the ERM in the Quarter

ERM Downgrade 3Q16 x 3Q17 (%)



SIN Load (GWavg)¹

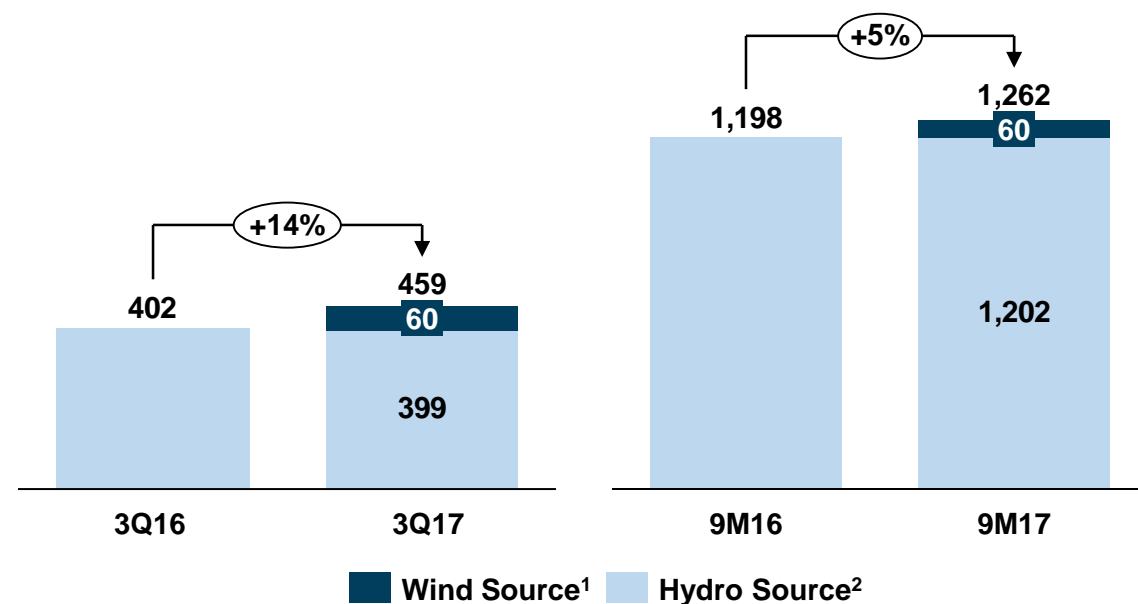


FINANCIAL PERFORMANCE

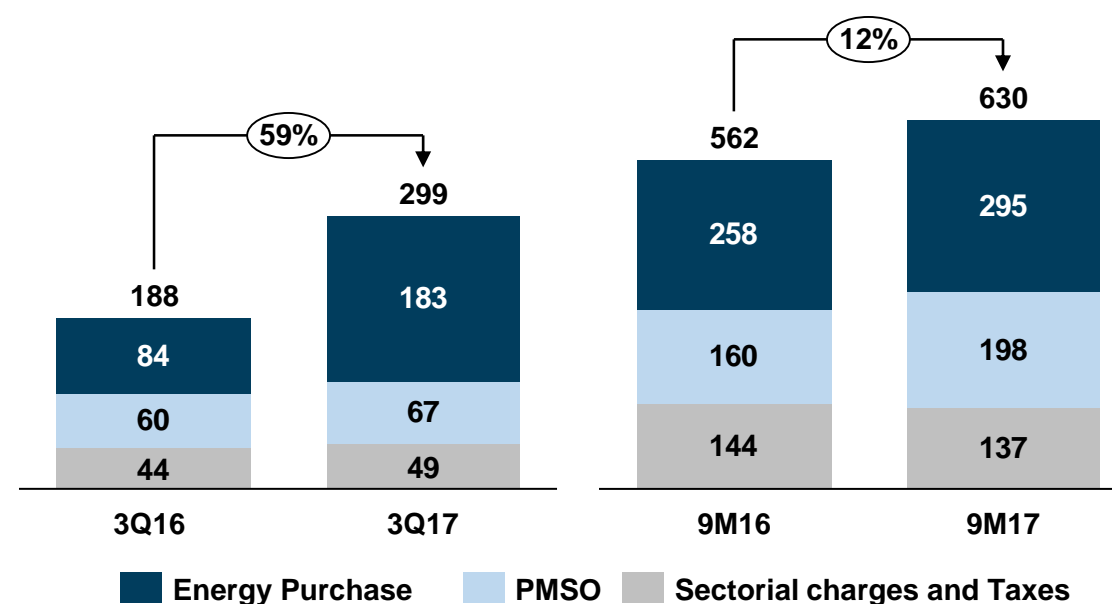


Alto Sertão II and Hydrological Performance Influence Results

Net Revenue (R\$ million)

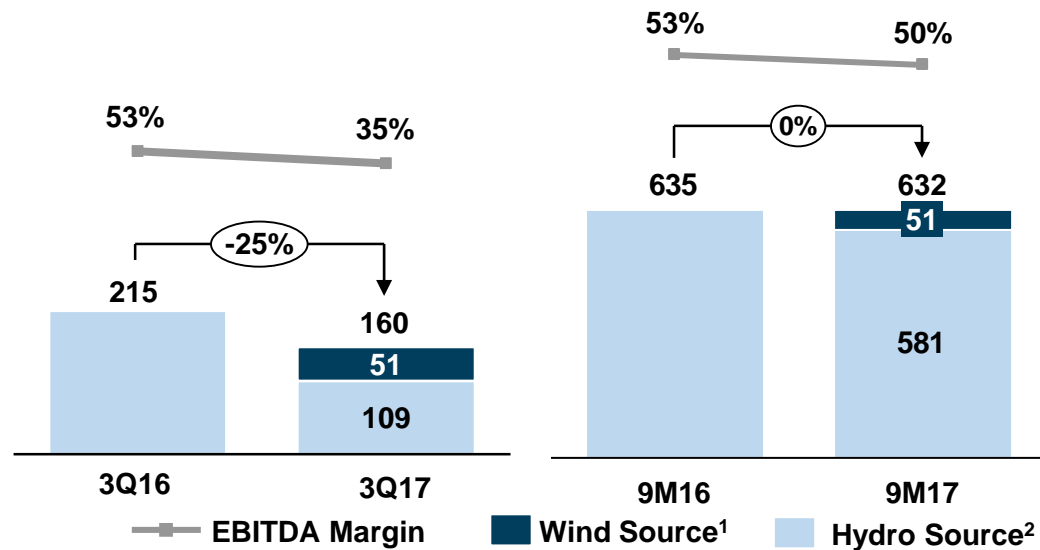


Operational Costs and Expenses³ (R\$ million)

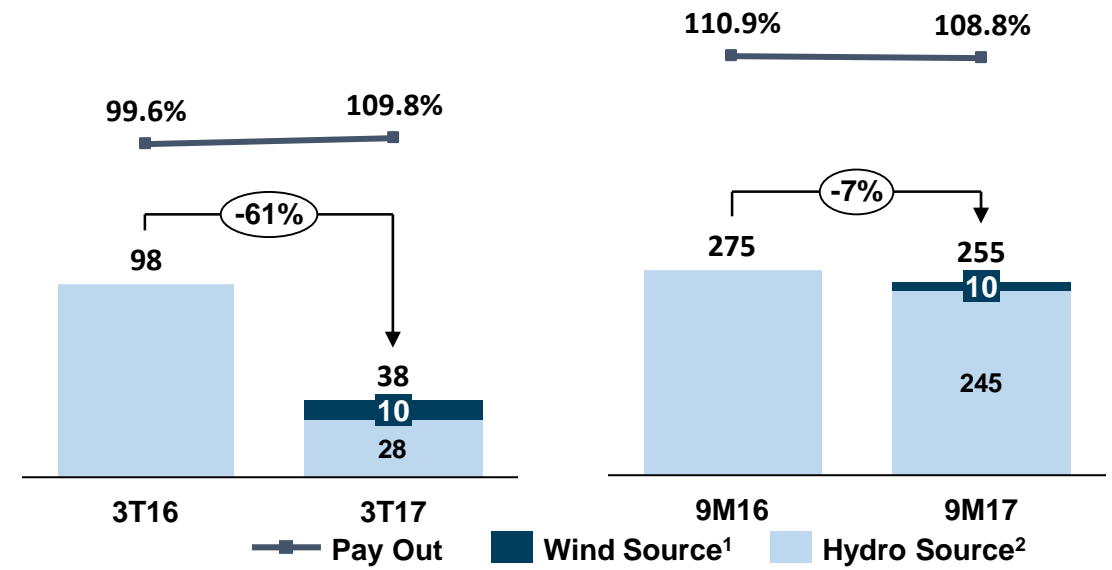


Distribution of R\$ 42 million of Proceeds

EBITDA (R\$ million)

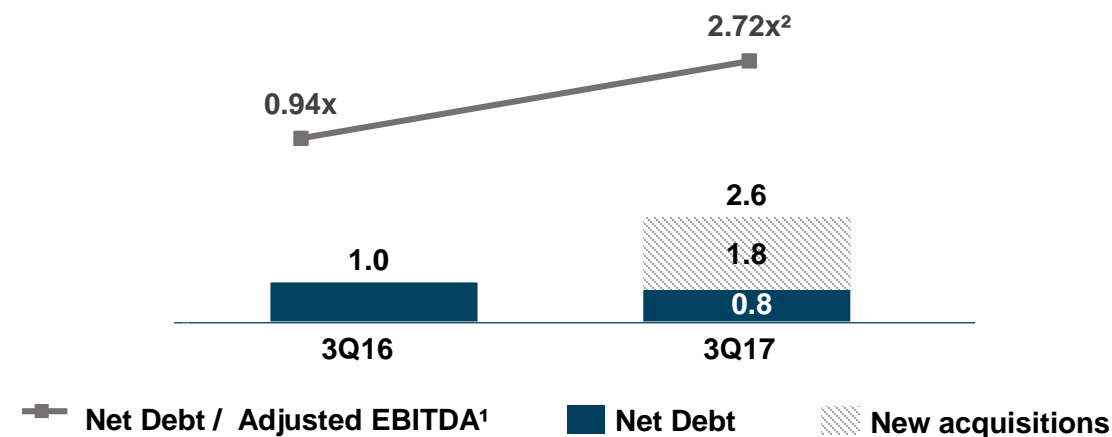


Net Income (R\$ million)



Financing Capacity Supports Portfolio Growth and Diversification Strategy

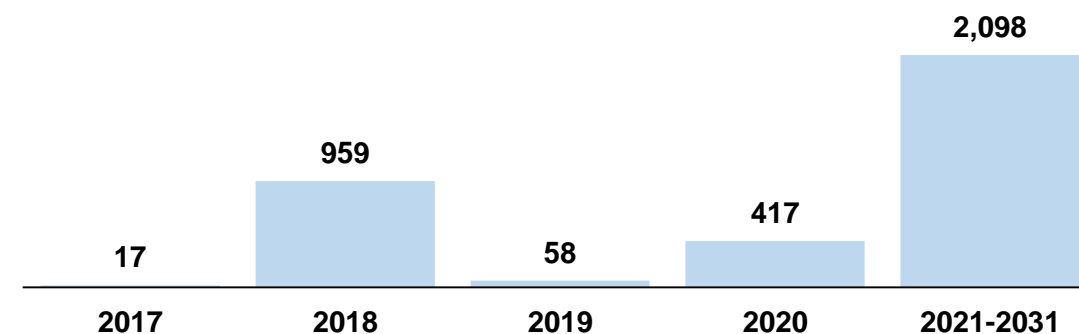
Net Indebtedness (R\$ million)



Covenants:

- Net Debt / Adjusted EBITDA < 3.85x³
- Adjusted EBITDA / Financial Expenses > 1.5x

Amortization Schedule⁴ (R\$ million)



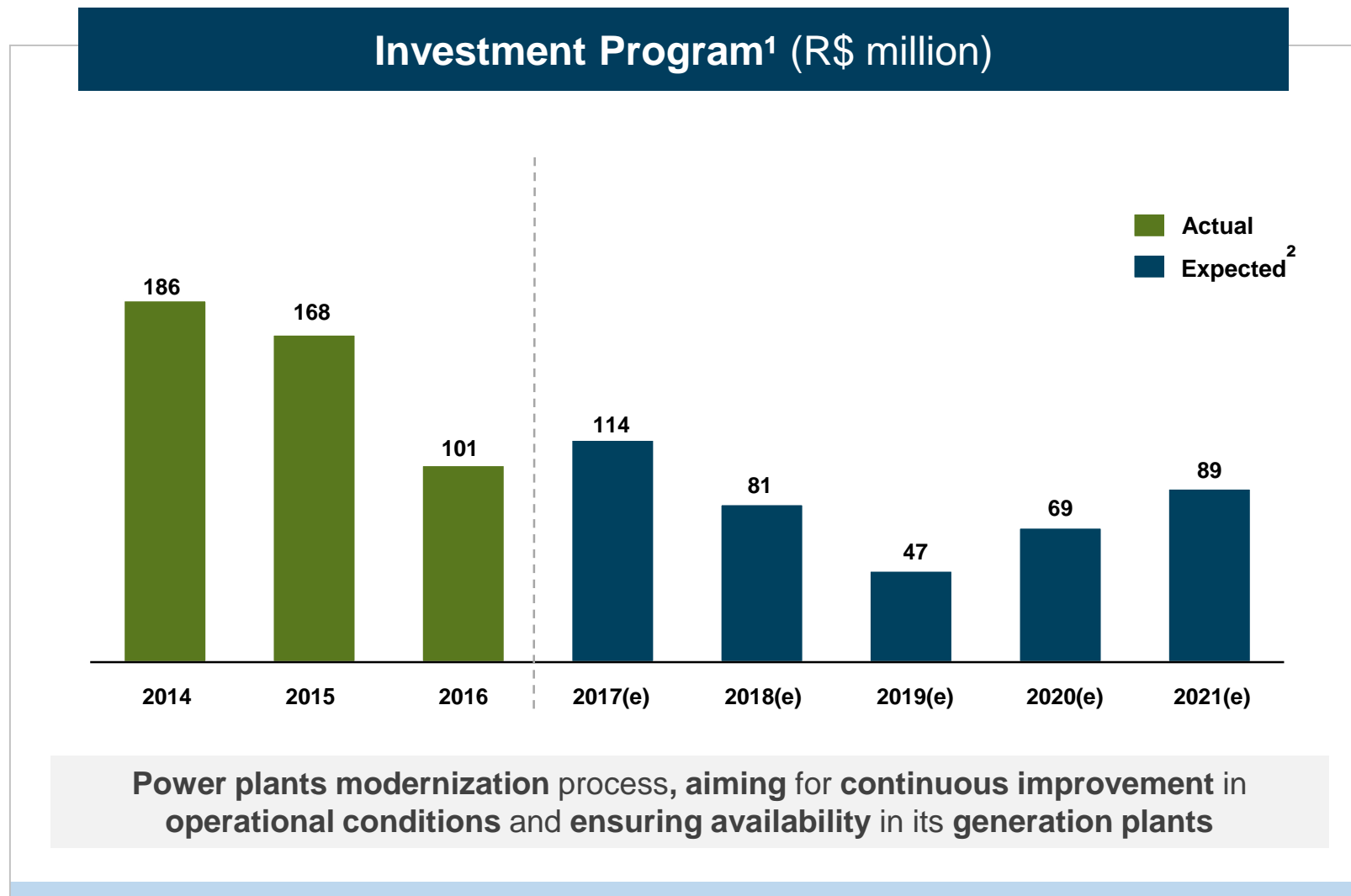
Debt Profile

	3Q16	3Q17
Effective rate	13.8%	10.0%
Average term (years)	2.2	4.1
Average cost (% CDI)	110%	121%

Cash Flow

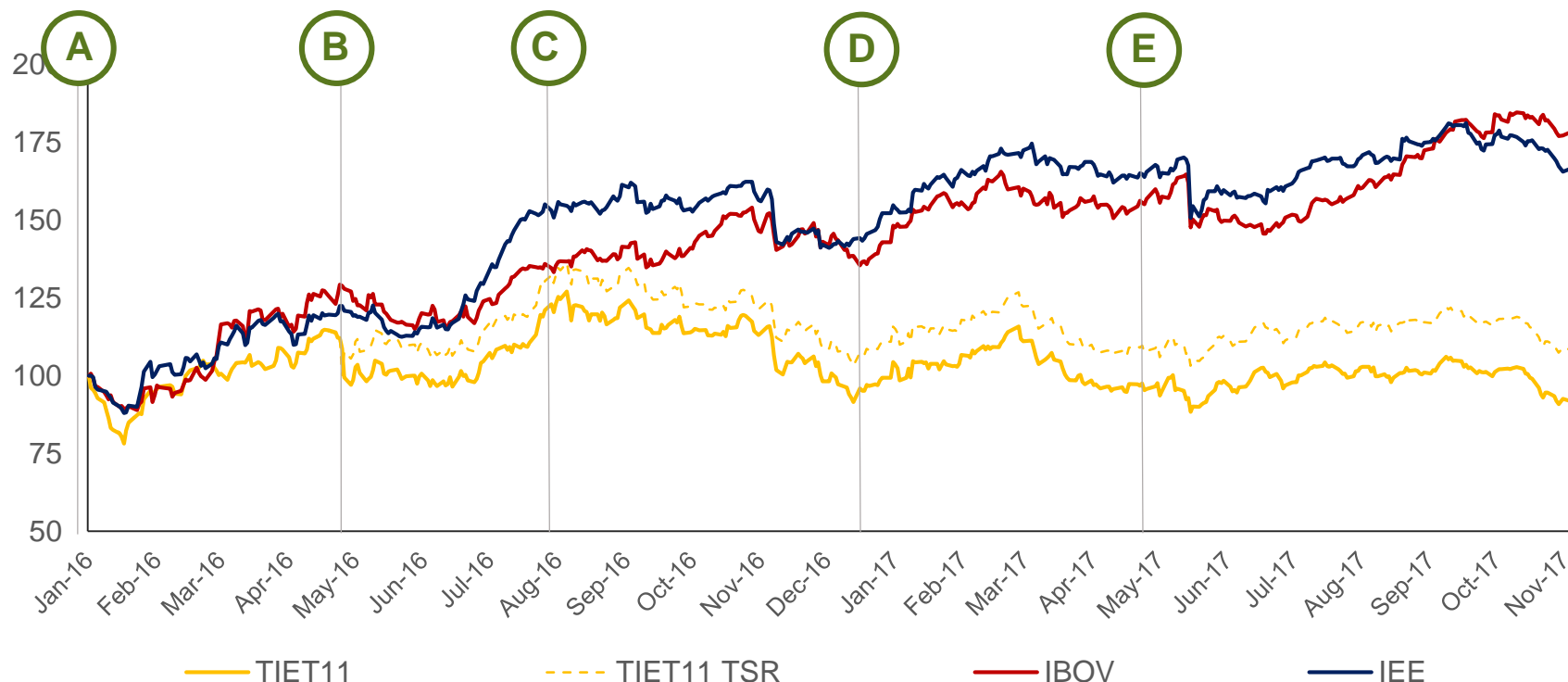
R\$ million	3Q16	3Q17
Initial Cash	346.6	1,579.4
Operational Cash Flow	275.7	223.0
Investments	(12.7)	(17.8)
Subsidiaries and Affiliates Investments	-	(682.1)
Net Financial Expenses	(10.1)	22.4
Net Amortization	-	(0.1)
Income Tax and Social Contribution	(14.8)	(17.1)
Free Cash Flow	238.0	(471.8)
Dividends and IoE	(118.6)	(102.3)
Parent Company Cash Ending Balance	466.0	1,005.3
Subsidiaries and Affiliates Cash	-	24.7
Final Consolidated Cash¹	466.0	1,030.0

Investment Focused on Power Plants Modernization



Capital Market

AES Tietê Energia x IEE x Ibovespa¹



- A** Dec/2015: Corporate Restructuring concluded
- B** May/2016: AES Tietê's stock returned to the MSCI Index
- C** Aug/2016: Announcement of Capital Increase
- D** Jan/2017: Company announced the offer to acquire Alto Sertão II Wind Park
- E** May/2017: Political Event in Brazil
May/2017: AES Tietê's stock excluded to the MSCI Index

Market cap²: US\$ 1.6 billion / R\$ 5.1 billion

B3: TIET3 (common shares), TIET4 (preferred shares) and TIET11 (units)

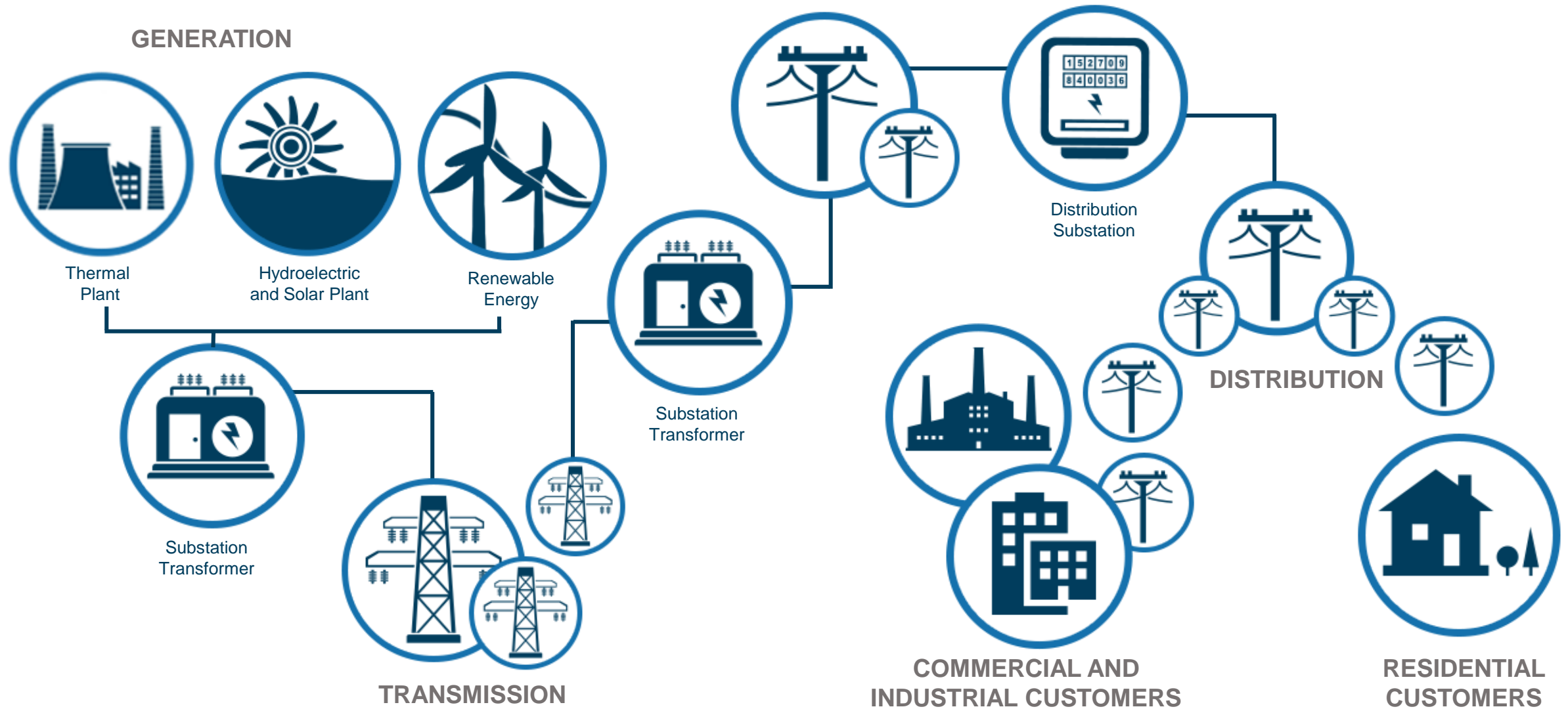
ADR program: AESTY: Level I of OTC Market



ENERGY SECTOR OVERVIEW



National Interconnected System (“SIN”)



Energy Sector in Brazil: Business Segments



G^{eneration}¹

- **4,750** power plants
- **156 GW** of installed capacity
- System based on hydro plants (**1,268 MW**³)
- **Contracting environment: free and regulated markets**



T^{ransmission}²

- **77** agents
- High voltage transmission (>**230 kV**)
- **+ 100,000 km** of lines (National Integrated System)
- Regulated tariff (annually adjusted by inflation)

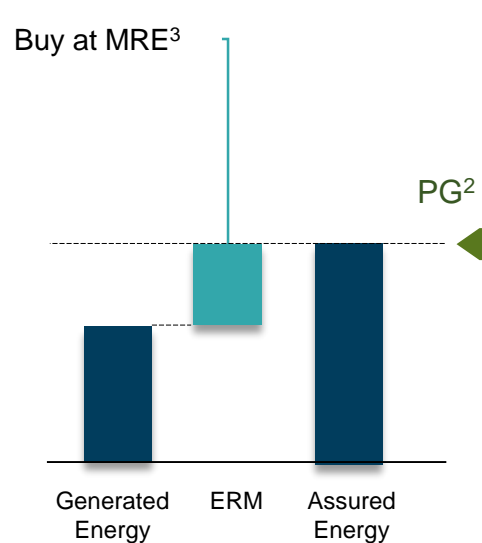


D^{istribution}²

- **63** distribution companies
- **327 TWh** distributed energy
- **81** million consumer units
- Annual tariff adjustment
- Tariff reset every four or five years
- Regulated contracting environment

Energy Reallocation Mechanism (ERM) for hydrological risk sharing

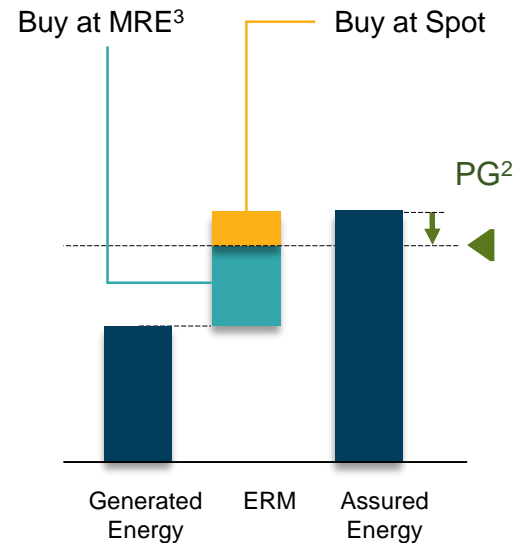
1) Equilibrium ($GE^1 = PG^2$)



Genco A

- System GSF = 1.0
- PPA = PG

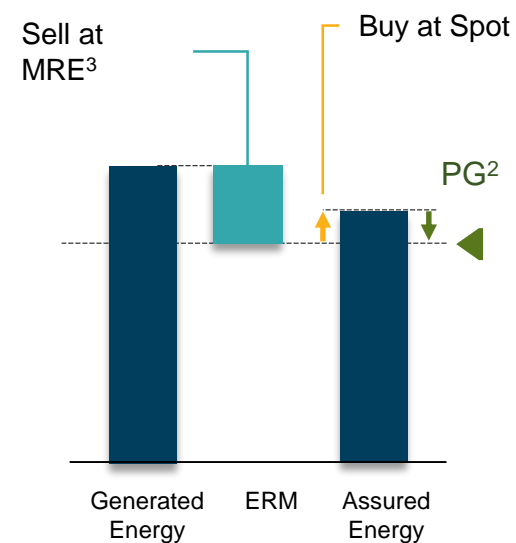
2A) Deficit ($GE^1 < PG^2$)



Genco A

- System GSF < 1.0
- PPA = PG

2B) Surplus ($GE^1 > PG^2$)



Genco B

- System GSF < 1.0
- PPA = PG

A physical guarantee (assured energy) is assigned to support contracts

Energy dispatch optimized by ONS in a tight pool

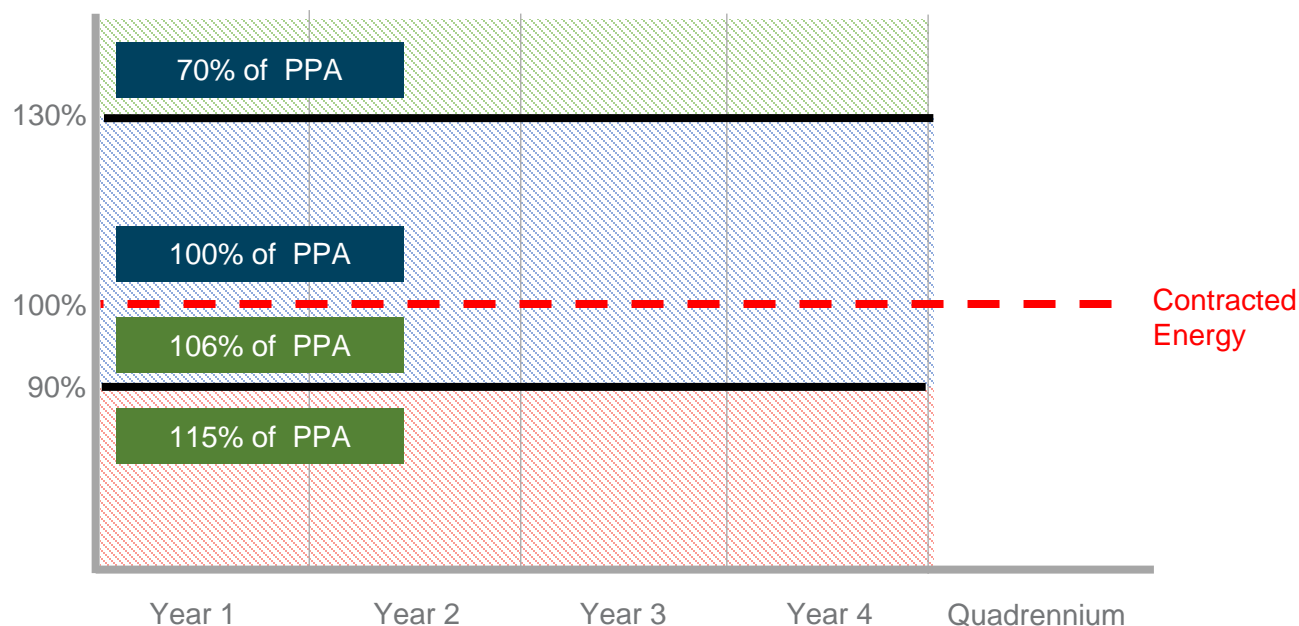
Key drivers for hydrological risk

- **Generated Energy** (hydro) in the entire system (ERM) influenced by hydrology
- **Spot Price** - marginal cost influenced by hydrology and thermal dispatch

Wind LER – Energy Reserve Auctions



PPA Mechanism



Energy is sold to the system, who then resells that energy to distributors as a charge. **Contracts last 20 years** but broken down in five 4-year verification periods (“quadrennium”).

ANNUAL

Energy generation outside the band thresholds are liquidated the following year:

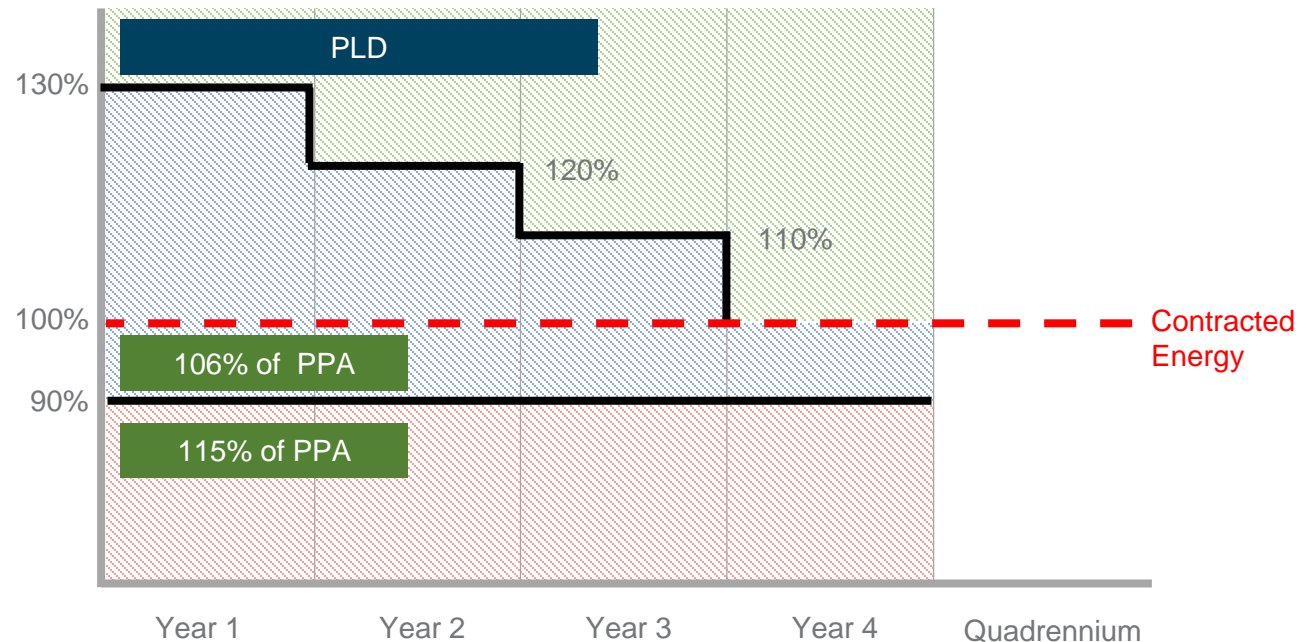
- Above 130% of the contracted energy: priced at 70% of PPA price
- Below 90% of the contracted energy: priced by 115% of PPA price

QUADRENNIAL

Accrued energy generation within the band is liquidated every four years:

- If surplus: priced at 100% of PPA price
- If deficit: priced at 106% of PPA price (if choose to receive in 24 installments) or 100% of PPA price (if choose to receive in 12 installments)

Wind LEN – New Energy Auction



Energy is sold directly to distributors. Contracts last 20 years but is broken down in five 4-year verification periods (“quadrennium”). In this case, the liquidation that occurs at the end of the four years is determined in a scale every year.



PPA Mechanism

ANNUAL

Surplus energy within the band carries over to the following years as “credit”. If generation surpasses the annual threshold limit, the energy is liquidated at the spot price (PLD).

Threshold limit has a 10 p.p. step-down per year then resets:

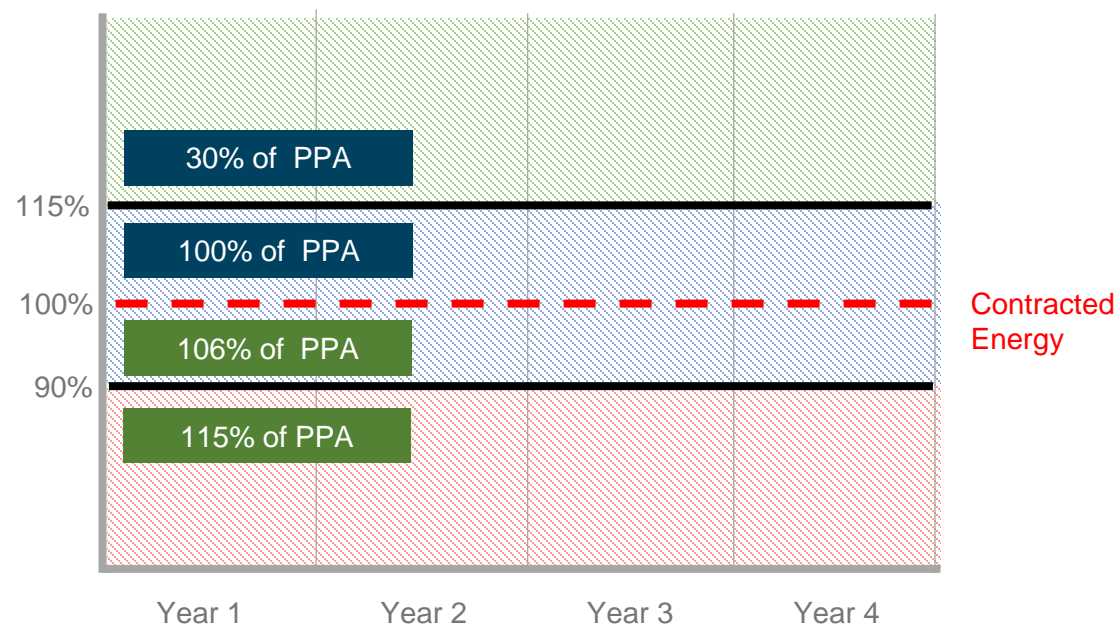
- 1st year: 130%
- 2nd year: 120%
- 3rd year: 110%
- 4th year: 100%

- Less than 90%: priced at the 4-year PLD average or PPA price, whichever is greater. Reimbursed over 12 months

QUADRENNIAL

- Energy generated between 90% and 100%: deficit accumulated until the end of 4th year is valued at 106% of the PPA price. Reimbursed over 12 months

Solar LER – Energy Reserve Auctions



Energy is sold to the system, who then resells that energy to distributors as a charge. **Contracts last 20 years.**



PPA Mechanism

ANNUAL

- Energy generated above 115%: priced at 30% of PPA price. Payments received over the following 12 months
- Energy generated between 90% - 115%:
 - If surplus: it can be transferred to the next year, sold to other generators or value at 100% of PPA price
 - If deficit (until 90%): valued at 106% of PPA price
- Energy generated below 90%: priced at 115% of PPA price and reimbursed over 12 months

Investor Relations

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