



### Disclaimer & Contact Information

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- To evaluate whether to purchase or sell securities of the company, the investor must conduct its own independent analysis.
- This presentation may contain forward-looking statements concerning Colbún's future performance and should be considered as good faith estimates by Colbún S.A.
- In compliance with the applicable rules, Colbún S.A. publishes on its Web Site (www.colbun.cl) and sends the financial statements of the Company and its corresponding notes to the Comisión para el Mercado Financiero, those documents should be read as a complement to this presentation.

### INVESTOR RELATIONS

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## **AGENDA**

- 1. COMPANY OVERVIEW
- 2. VALUE PROPOSITION
- 3. STRATEGIC AGENDA PROGRESS
- 4. CONCLUDING REMARKS



## Company & industry overview

## Leading position in Chile & Peru



### THE COMPANY



### **Installed Capacity**

3,893 MW

**●3,328** мw / **● 565** мw



### Market Share<sup>1</sup>



### **Ownership**

49.96% Matte Group

9.58% Angelini Group

20.45% Pension Funds

**International Ratings** 

20.01% Others



### Power-Plants

25 / 🗐 1



### **Transmission Lines**

~940 km

### **KEY FINANCIALS**



### EBITDA LTM<sup>2</sup>

US\$**682** mm

Gx US\$**575** mm / Tx US\$**69** mm

US\$39 mm



### Total Assets

US\$**6.8** bn





**BBB** 

BBB-

S&P

S&P

**BBB** 

BBB-

Fitch

Fitch

Baa2

Ba<sub>1</sub>

Moody's



Moody's



### Net Debt / EBITDA

1.2 x



#### Cash

US\$**816** mm

Note: All figures as of Mar19

<sup>&</sup>lt;sup>1</sup> In terms of generation in the SEN in Chile and in the SEIN in Peru

<sup>&</sup>lt;sup>2</sup> Figures for the Generation and Transmission business are proforma

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### Value proposition

## Colbun

## Leading position supported by competitive strengths

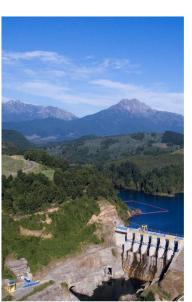
COST
EFFICIENT AND
DIVERSIFIED
ASSET BASE

STABLE & PREDICTABLE CASH FLOWS

PRUDENT FINANCIAL MANAGEMENT

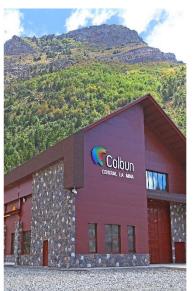
ATTRACTIVE PORTFOLIO OF GROWTH OPTIONS

MAXIMIZING VALUE TO ALL OF OUR STAKEHOLDERS











## Value proposition

## Leading position supported by competitive strengths



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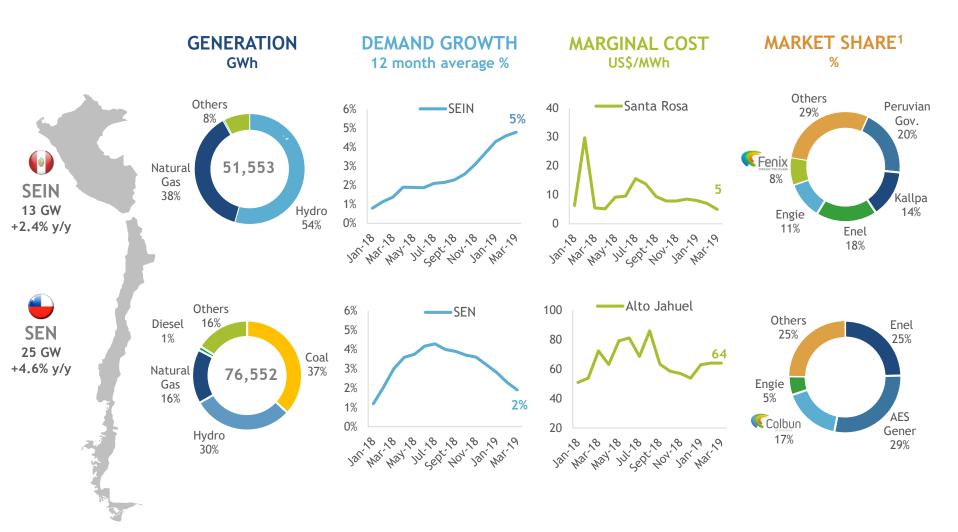






# 1. Cost efficient & diversified asset base Attractive markets...





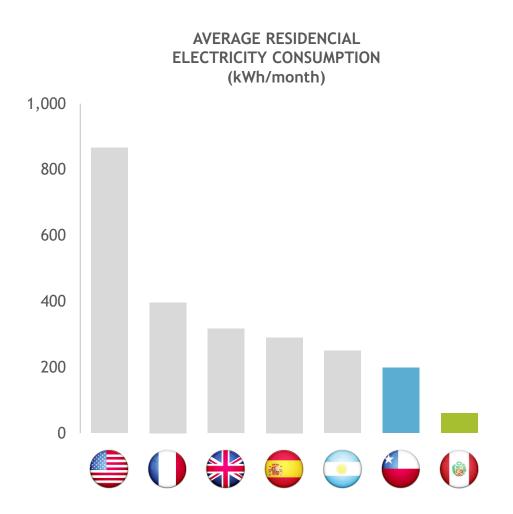
Note: All figures as of Mar19

1 Based on generation

### 1. Cost efficient & diversified asset base

## ... with high growth potential





Only **22%** of the total energy consumption in Chile corresponds to electricity.



As electricity prices become more competitive,

houses will start an electrification process...

... and the size of the electricity market will continue growing.

### 1. Cost efficient & diversified asset base





- 42% of installed capacity from renewable energy.
- **Diversified** asset base: 9 regions in Chile, 1 in Peru. Assets spread throughout 1,050 km in Chile.

### 3,893 MW Inst. Capacity:

**Hydro:** 1,634 MW

4 Reservoir: 1,065 MW

12 Run-of-the-river: 532 MW

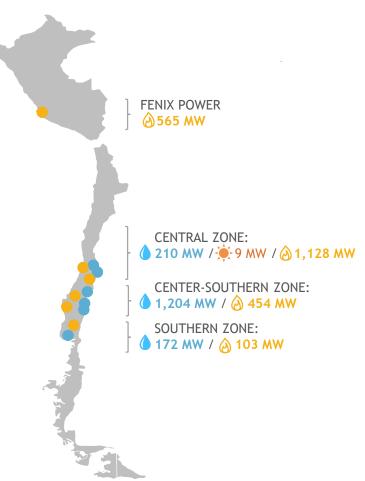
Solar: 9 MW

Thermal: 2,250 MW

3 CCGT: 1,332 MW

4 Diesel: 568 MW

1 Coal: 350 MW

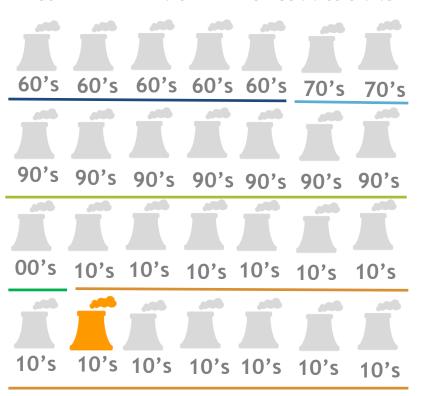


Note: All figures as of Mar19

## 1. Cost efficient & diversified asset base Decarbonization Process



#### COAL-FIRED PLANTS & DATE OF COMMISSIONING



- Colbún has only 1 coal-fired power plant of the 28 present in the system.
- Santa Maria was built in 2012, being one of the most efficient and modern coal-fired power plants of the Chilean system.
- Santa María's emissions are way below the norm:

	2018	Norm Limit
PM (mg/Nm <sup>3</sup> )	6.8	50
Nox (mg/Nm³)	338	500
SO <sub>2</sub> mg/Nm <sup>3</sup> )	173	400



## 1. Cost efficient & diversified asset base



## 100% of PPAs supplied with cost-efficient generation

### WHOLE-SALE COMMERCIAL POLICY

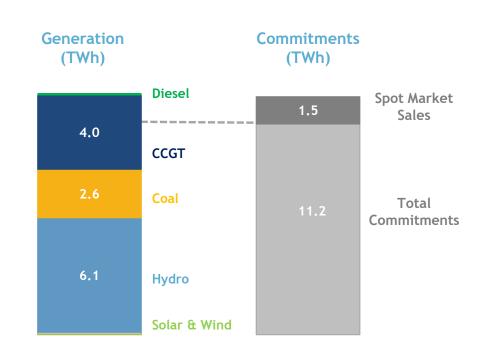
### 1. Optimal Contracting level

- Renewable Capacity:Hydro, solar and wind
- II. Efficient thermal capacity:
  Coal and CCGTs
- 2. Cost structure properly reflected in sale prices

### 3. Active risk management

- I. LNG purchases in the short and mid term
- II. Financial hedges

### **GENERATION & PPAs level 1Q19 LTM**



# 1. Cost efficient & diversified asset base Secured long-term regasification capacity & LNG supply

### Long-term strategy:

Leveraging our efficient natural gas power facilities and diversifying our supply sources; contributing to a competitive, flexible, secure and sustainable power supply.

### MEDIUM AND SHORT TERM LNG SUPPLY

### LNG supply with Agesa and ENAP

- Short term contracts (~4 months) available.
- Medium term contracts: signed for 2 TWh of 2019's natural gas generation <sup>1</sup>.

## LONG TERM LNG SUPPLY

## Regasification capacity and supply contract with ENAP

- Effective from 2018 onwards, for 13 years.
- Competitive LNG supply with ENAP and international providers.
- Capacity for up to two combined-cycle units per year.

#### GAS FROM ARGENTINA

6 agreements signed with local Argentinean producers

- Interruptible supply with daily confirmation.
- Since October 2018.

11 TWh is optional.

## 1. Cost efficient & diversified asset base Relevant transmission assets





Transmission lines

~940 km

National 330 km 80 km Zonal Dedicated 530 km



**Substations** 

28



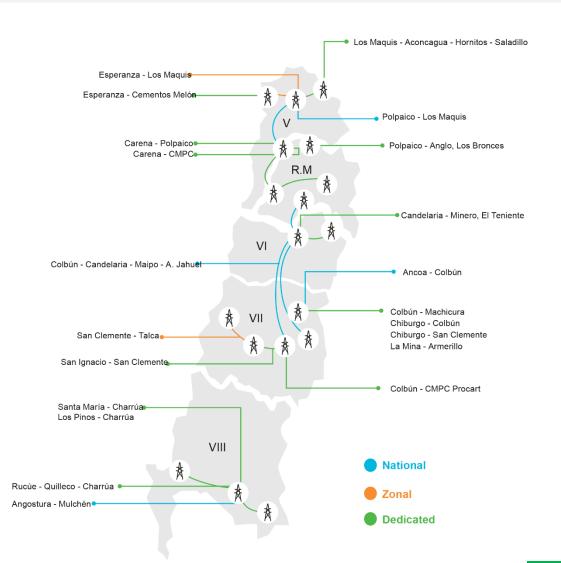
Market share 1

~6%



Proforma EBITDA LTM

~US\$**69** mm



Note: All figures as of Mar19 <sup>1</sup> National Transmission

### 1. Cost efficient & diversified asset base

## Fenix Power: a relevant & efficient CCGT in Peru



### THE COMPANY



# One of the most efficient CCGT in Peru

Based on Heat Rate



### 40 miles south of Lima

Capital of Peru and largest city of the country



### 565 MW

Gross effective capacity



4.2 TWh

Net annual generation



### 3 TWh / year

Long term contracts (~100% capacity)

### **SHAREHOLDERS**



### **KEY FIGURES**



LTM EBITDA

US\$39 mm



International Ratings<sup>1</sup>



BBB- Stable

Fitch

BBB- Stable S&P

Ba1 Stable

Moody's

Note: All figures as of Mar19

1 Ratings as of May19

## Value proposition

## Leading position supported by competitive strengths

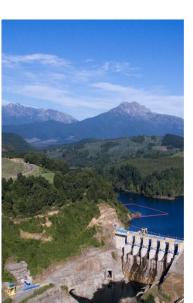


COST
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STABLE & PREDICTABLE CASH FLOWS

PRUDENT FINANCIAL MANAGEMENT ATTRACTIVE PORTFOLIO OF GROWTH OPTIONS

MAXIMIZING VALUE TO ALL OF OUR STAKEHOLDERS











# 2. Stable & predictable cash flows High quality clients in Chile



### **CUSTOMER BASE PROFILE**

+200

Total customers

50% / 50%

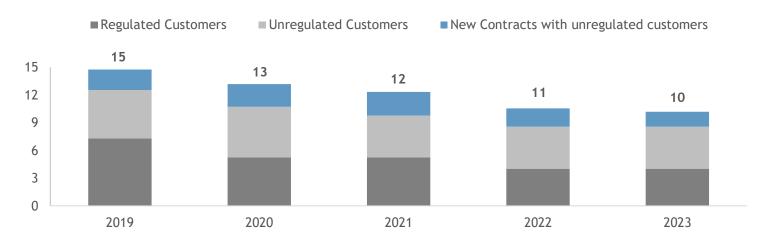
Regulated/ unregulated customers ~94%

Customers with credit ratings

~8 YEARS

Average life of PPAs

### PPAs IN CHILE: MAXIMUM CONTRACTED POWER SUPPLY (TWh)



Note: All figures as of Mar19

## 2. Stable & predictable cash flows

## PPAs renewal opportunities in Chile



### **UNREGULATED CUSTOMERS**

- In the coming years there is a relevant amount of energy for large unregulated clients to be recontracted.
- Since 2016, Colbun has signed new contracts with large and medium-size clients for a total of ~3.2 TWh/year.

### REGULATED CUSTOMERS

Upcoming regulated auctions: according to the CNE's final report<sup>1</sup>, around 11 TWh will be auctioned in the next years.

	3.6	3.0	2.8	1.8
Year	2019	2020	2021	2022
Supply starting	2025	2026	2027	2028
Term (years)	20	20	20	20

## Value proposition

## Leading position supported by competitive strengths



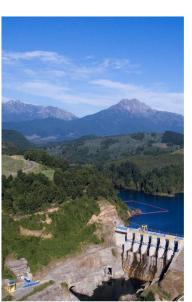
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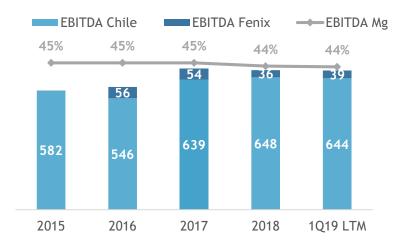




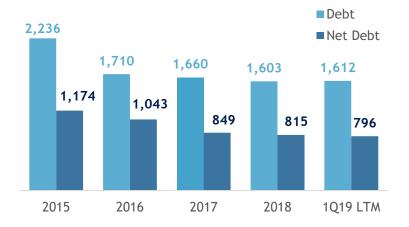
# 3. Prudent financial management Stable operational results & solid metrics



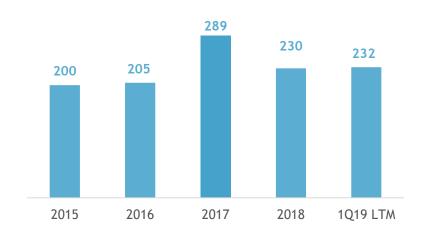
### 1. EBITDA & EBITDA MG. (US\$ million & %)



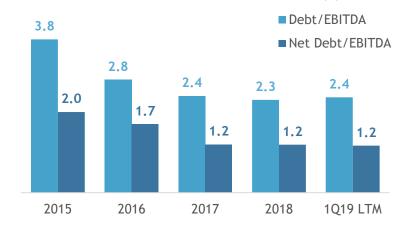
### 3. DEBT & NET DEBT. (US\$ million)



### 2. NET INCOME. (US\$ million)



### 4. DEBT/EBITDA & NET DEBT/EBITDA. (X)

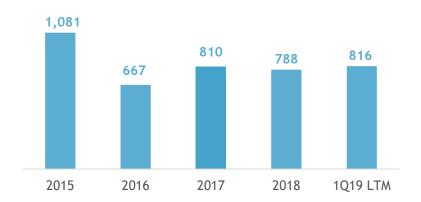


Note: All figures as of Mar19

# 3. Prudent financial management **Strong liquidity**



### 1. CASH POSITION. (US\$ million)

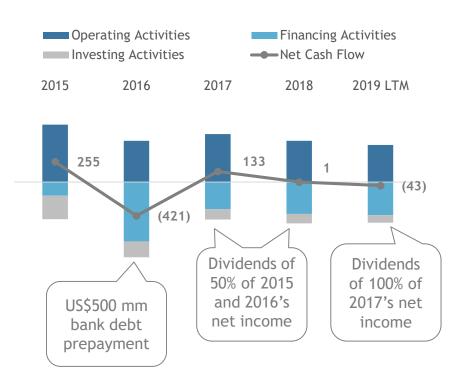


### 2. DIVIDEND DISTRIBUTION. (US\$ million & %)



The Dividend Policy approved by the 2019's Annual Shareholders Meeting is 50% of the net income.

### 3. CASH FLOW (US\$ million)



# 3. Prudent financial management Long term debt profile



### 1. DEBT PROFILE



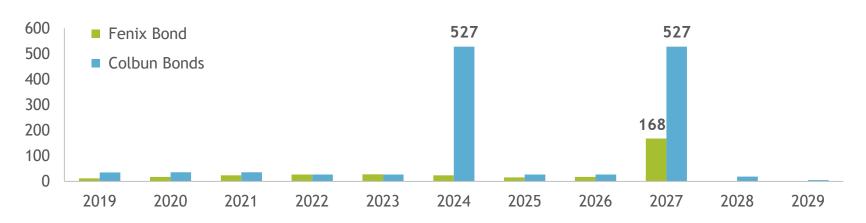


**4.5**% Interest Rate average

**6.5** years average life

%

### 2. AMORTIZATION STRUCTURE. (US\$ million)



Note: All figures as of Mar19

## Value proposition

## Leading position supported by competitive strengths

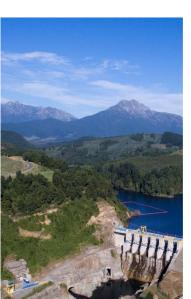


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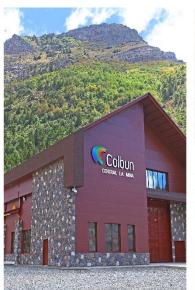
PRUDENT FINANCIAL MANAGEMENT ATTRACTIVE PORTFOLIO OF GROWTH OPTIONS

MAXIMIZING VALUE TO ALL OF OUR STAKEHOLDERS











## 4. Attractive portfolio of growth options

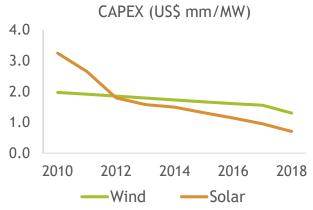
## Local expansion considerations



### **GROWTH STRATEGY**

Add 4,000 MW of new renewable capacity over 10 years

 Focus on solar and wind. The development cost of these technologies have decreased over the last years

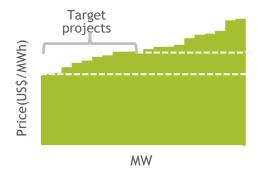


- Pillars of growth:
  - 1. Pipeline of solar, wind and hydro projects
  - 2. M&A Opportunities
  - 3. Purchase energy from third parties

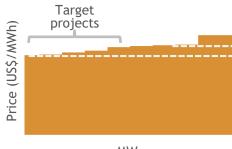
### WIND AND SOLAR PIPELINE OF PROJECTS

- Current portfolio of 7 wind and solar projects, for a total of ~1,800 MW
- Objective to further increase portfolio by 1,000
   MW in medium term

### Wind projects supply curve



#### Solar projects supply curve



## Lower LCOE depending on:

- Load factor
- Proximity to transmission lines
- Technical/ commercial considerations

## 4. Attractive portfolio of growth options

## Large pipeline of renewable projects





SOLAR & WIND PROJECTS



### HORIZONTE



Inst. capacity: ~607 MW

Gx: ~2,000 GWh/year

Atacama Region

Preparing EIA1

- Atacama Region
- Inst. capacity: 210 MW
- Gx: ~560 GWh/year
- Environmental assesment





- Tarapacá Region
- Inst. capacity: 200 MW
- Gx: ~470 GWh/year
- Preparing EIA<sup>1</sup>

+ Additional ~800 MW underlying transactions still under confidentiality agreements

DIEGO DE ALMAGRO SUR I & II

HYDRO PROJECTS



SAN PEDRO =



- Los Rios Region
- Inst. capacity: 170 MW
- Gx: ~950 GWh/year
- Environmental assesment

### **GUAIQUIVILO MELADO**



- Maule Region
- Inst. capacity: 316 MW
- Gx: ~1,600 GWh/year
- Under review

### LOS CUARTOS



- Maule Region
- Inst. capacity: 93 MW
- Gx: ~500 GWh/year
- Under review

TRANSMISSION PROJECTS



#### PIPELINE OF PROJECTS

- Expansion and enhancement of the Company's current transmission assets
- Total investment value: US\$50 mm

#### TRANSMISSION EXPANSION

As the decarbonization process is implemented, the system will require new investments in transmission

 To replace all coal generation with wind and solar technologies, it would be required to install and connect ~11,000 MW<sup>2</sup>

<sup>&</sup>lt;sup>1</sup> EIA: Environmental impact study

<sup>&</sup>lt;sup>2</sup> Assumption: 30% load factor for wind and solar projects

## 4. Attractive portfolio of growth options

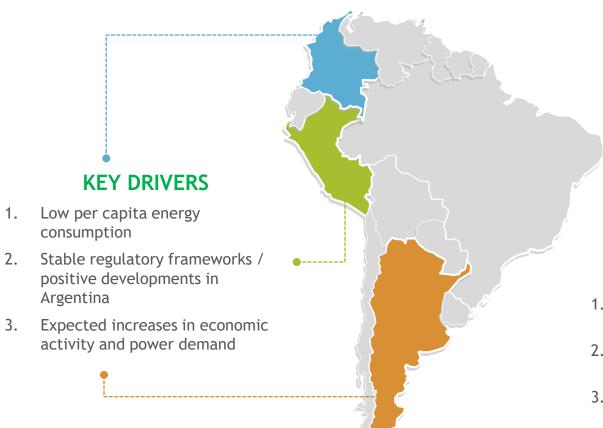
## International expansion ( ) • • •













### **OTHERS**

Tracking trends and business models

### **STRATEGY**

- Preference for assets in operation (brownfields)
- Incorporate partners with local knowledge but maintain control
- Investment amounts subject on maintaining international investment grade ratings

### Value proposition

## Leading position supported by competitive strengths



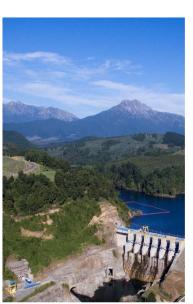
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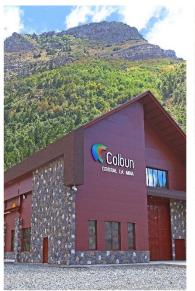
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## 5. Maximizing value to all of our stakeholders

## Sustainability strategy



## SUSTAINABILITY IS OUR BUSINESS AND IT IS INTEGRATED IN ALL AREAS OF THE COMPANY



Since 2015 we publish an Integrated Annual Report, with all the financial, social and environmental information of the Company.

### **AWARDS AND RECOGNITIONS**

Dow Jones
Sustainability Indices
In Collaboration with RobecoSAM (

2018

Colbún listed in the Dow Jones Sustainability Index Chile informe reporta

2018

Colbún obtained the first place in the overall ranking



2018

Colbún won the category Female Presence in Directories

BEST PLACE TO

2018

Colbún was recognized in the category Innovation Perception



2018

The Reverse Osmosis Plant was recognized with the innovation award



2018

Pro Aconcagua distinguished Colbún for its contribution to the area

Dow Jones
Sustainability Indices
In Collaboration with RobecoSAM ••

2017

Colbún listed in the Dow Jones Sustainability Index Emerging Markets



2017

Angostura was chosen as a Sustainable Hydroelectricity study case



2017

Fenix power plant was distinguished as a socially responsible company

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# Update on strategic agenda progress Overview





# 1. Enter in to New Power Purchase Agreements

During 1Q19, Colbún contracted ~300 GWh/year of its generation with new unregulated customers.



# 2. Grow in renewable energy from variable sources (solar and wind)

Add 4,000 MW of new renewable energy capacity over 10 years.



## 3. Implement cost efficiency plan

Reduce Company's annual fixed cost structure by US\$20 million.



# 4. Complete digitalization and automation program

Simplify operational, administrative and maintenance processes.



## 5. Leverage transmission asset base

Achieve a greater focus on management, reporting and visibility of the transmission business.



## Explore new business oportunities

Colbún is analyzing different business opportunities to anticipate potential changes on electric consumption:

- Demand response
- Storage
- Waste to Energy

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## **Concluding remarks**



### 1. Shareholders:

Strong, reliable controlling group with a strategic and long-term vision of the business.

### 2. Size:

Leading position in Chile's power market and a relevant presence in Peru.

### 3. Management:

Experienced management and high standards of corporate governance.

### 4. Customers:

Diversified, solid and creditworthy portfolio of clients.

### 5. Sustainability:

Integrated in all areas of the Company.

### 6. Financial:

Strong metrics and ample access to financial markets.

