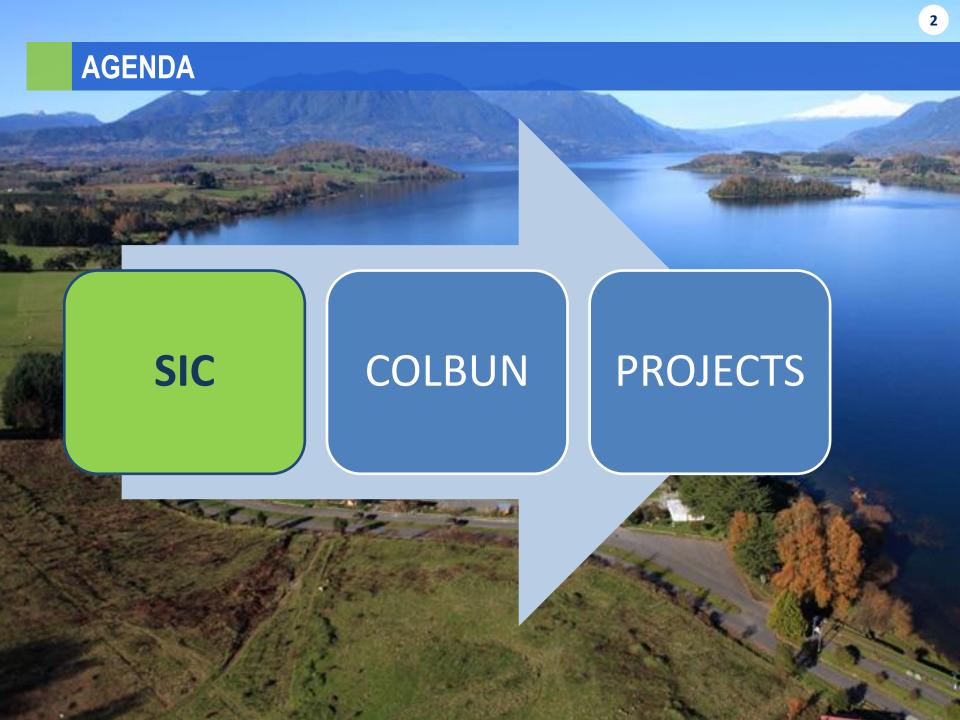


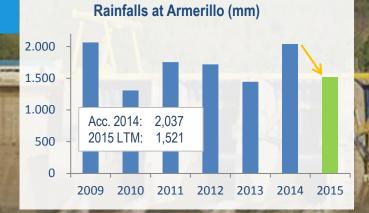
# Company Presentation VALORES SECURITY BREAKFAST August 2015

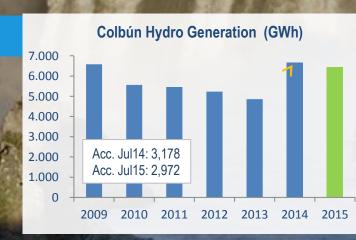


## **SIC OVERVIEW**



# **HYDROLOGICAL CONDITIONS**





Source: Colbún.

2

Acc. Rainfalls Jul15/Jul14

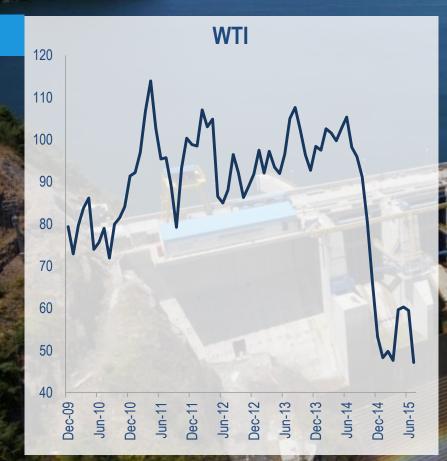
Los Quilos (mm)		
	2014	2015
	112	71

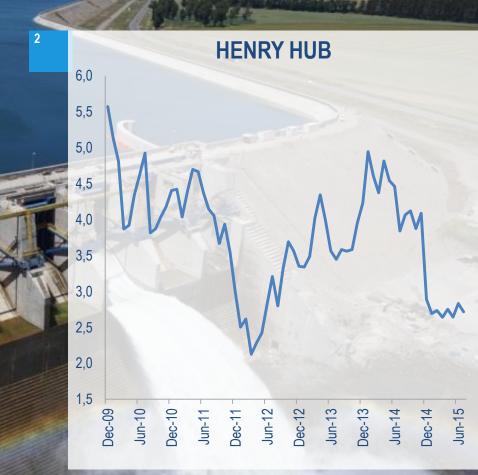
Armerillo (mm)			
2014	2015		
1,348	832		

Abanico (mm)		
2014	2015	
1,448	1,046	

Canutillar (mm) <u>2014 | 2015</u> 2,306 | 1,905

## **END OF HIGH COMMODITY PRICES**





### **POWER DEMAND FORECAST FOR CHILE IS DECREASING**



## IMBALANCE BETWEEN POWER DEMAND AND A COMPETITIVE SUPPLY

Estimated annual growth of Power Demand by 2020:

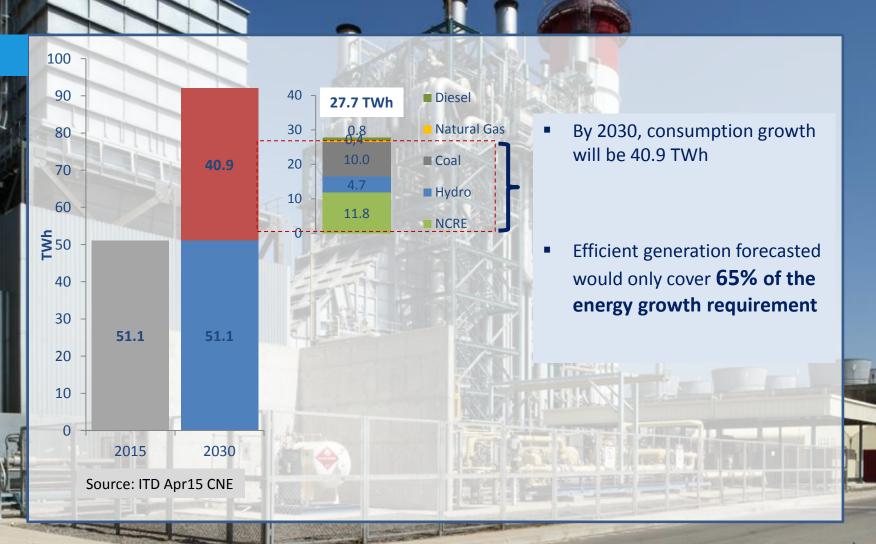
4.8%

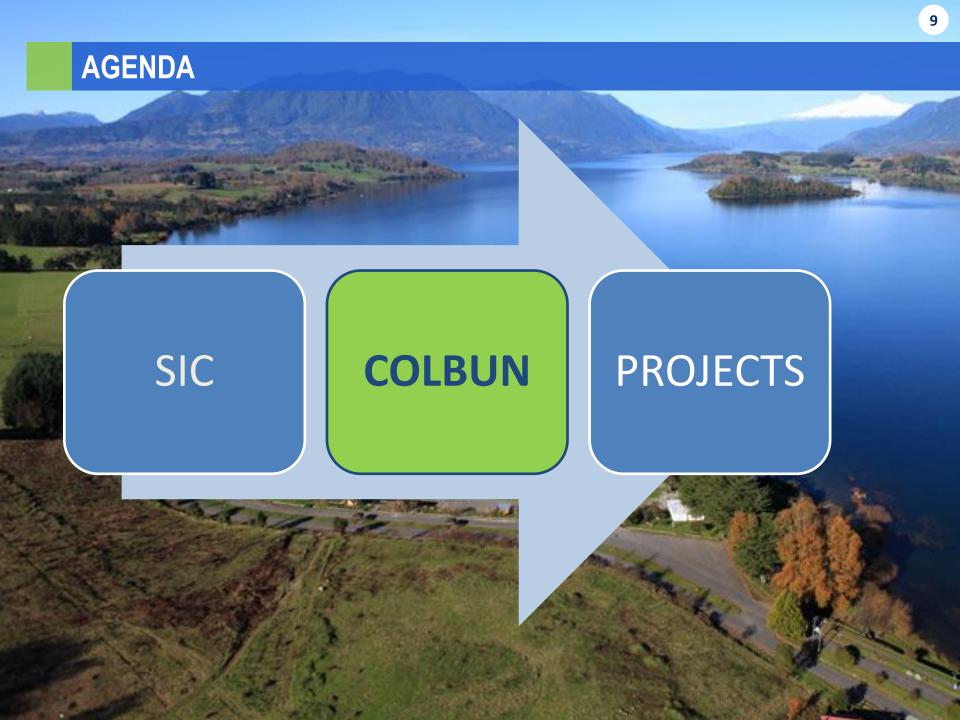
<u>Estimated annual</u> growth of Supply by 2020:

3.4%

Source: CNE

## LACK OF EFFICIENT SUPPLY FOR 2030



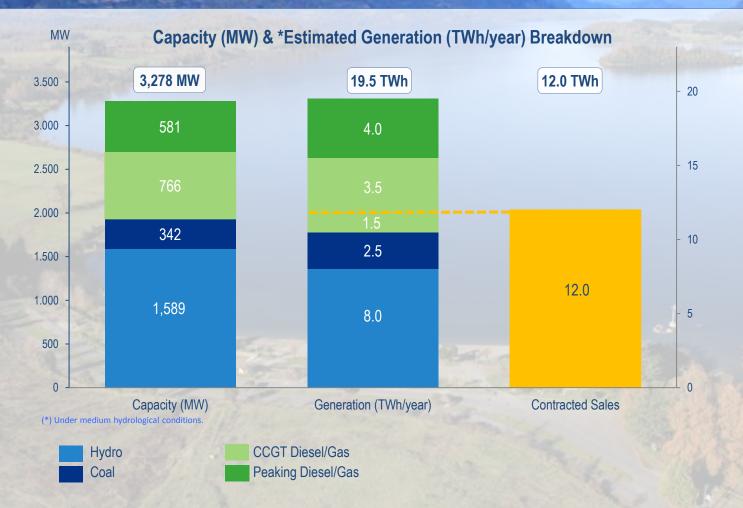


# **OVERVIEW**

# Installed capacity of 3,278 MW ~ 21% Market Share / 25% by Generation

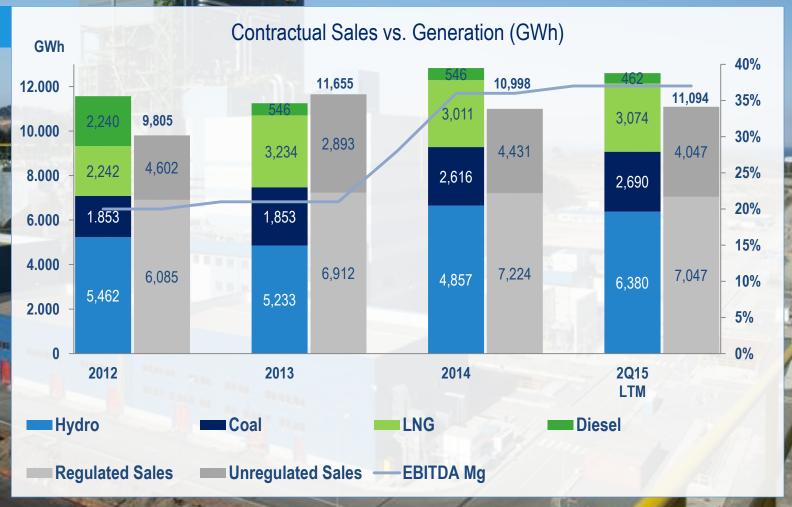


## **COMMERCIAL STRATEGY**



This graph is shown for illustrative purposes and represents estimated and potential output of our power plants and approximate level of contractual commitments. Real output from our power plants and variable production costs are dependent on many factors, such as hydrology, plant availability, access to fuels (coal and LNG) and commodity prices, among others.

# **COMMERCIAL POSITION**



Graph Source: Colbun. Unregulated Sales 2013 & 2014 excludes sales to Codelco at Marginal Cost

# LEVERAGING OUR COMBINED CYCLES

#### Metrogas extension contract

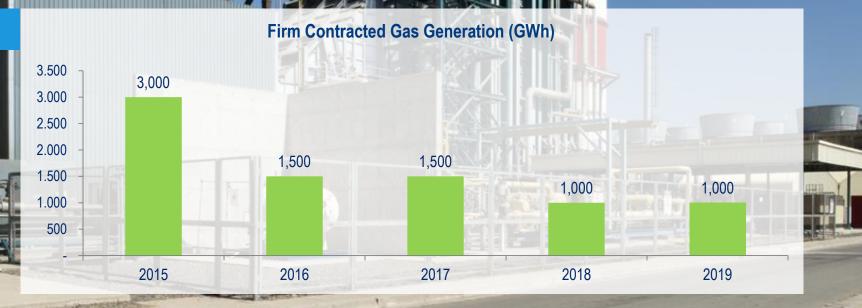
- Signed in Aug14
- Supply until 2019
- Flexible gas price

3

 Allowing to cover long term needs in order to fulfill our contracts

#### **ENAP contract**

- Signed in Nov14
- Supply during 2015
- Flexible gas price
- Providing flexibility to our LNG production

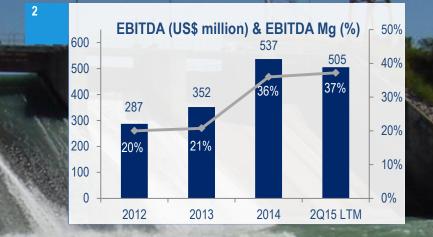


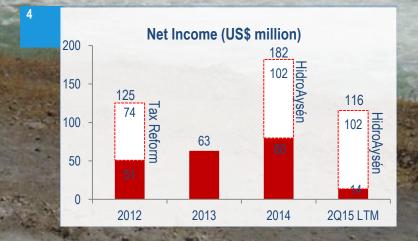
## **MAIN FIGURES AND METRICS**



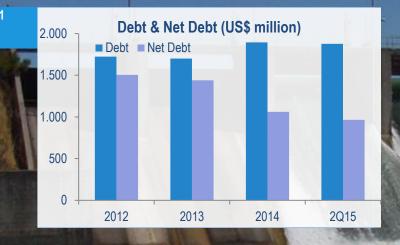


Source: Colbún's Financial Statements





## **MAIN FIGURES AND METRICS**

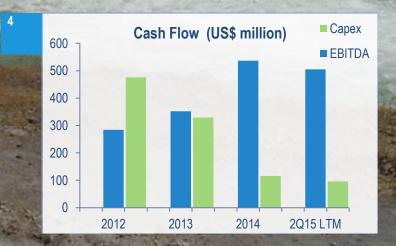




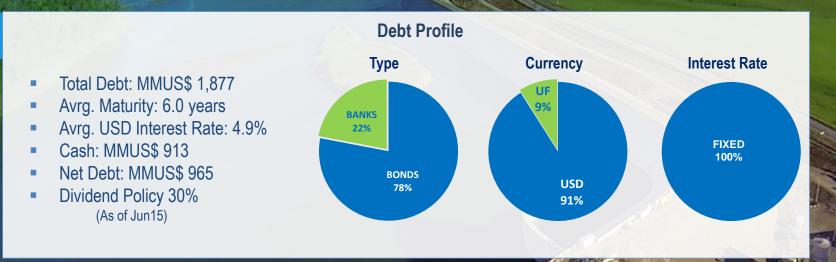
3

Source: Colbún's Financial Statements. (\*) Calculated as Liabilities/Equity

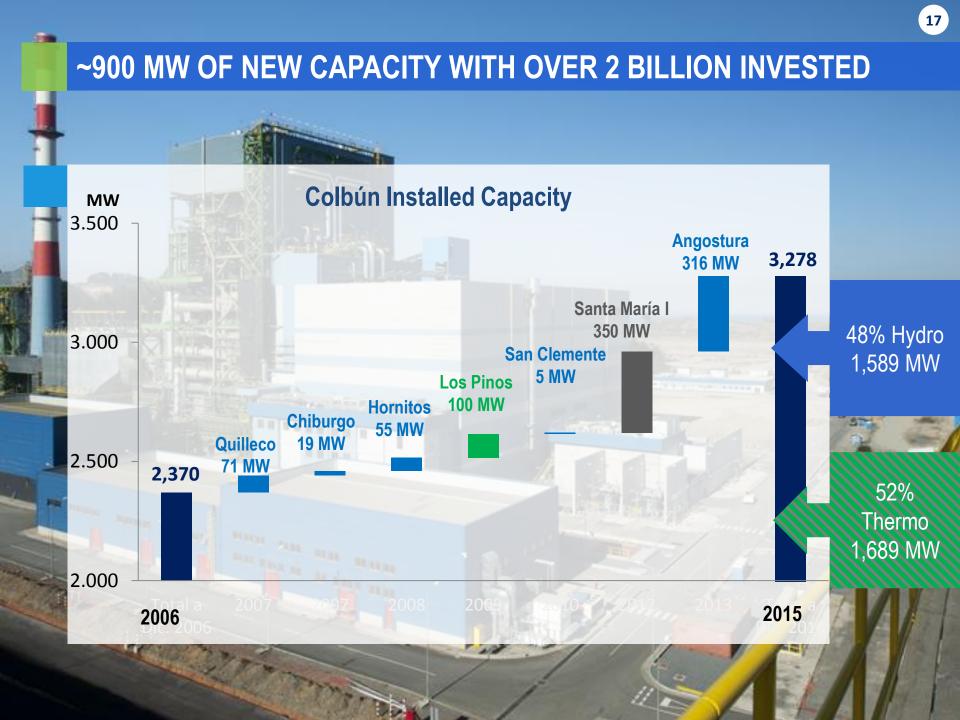




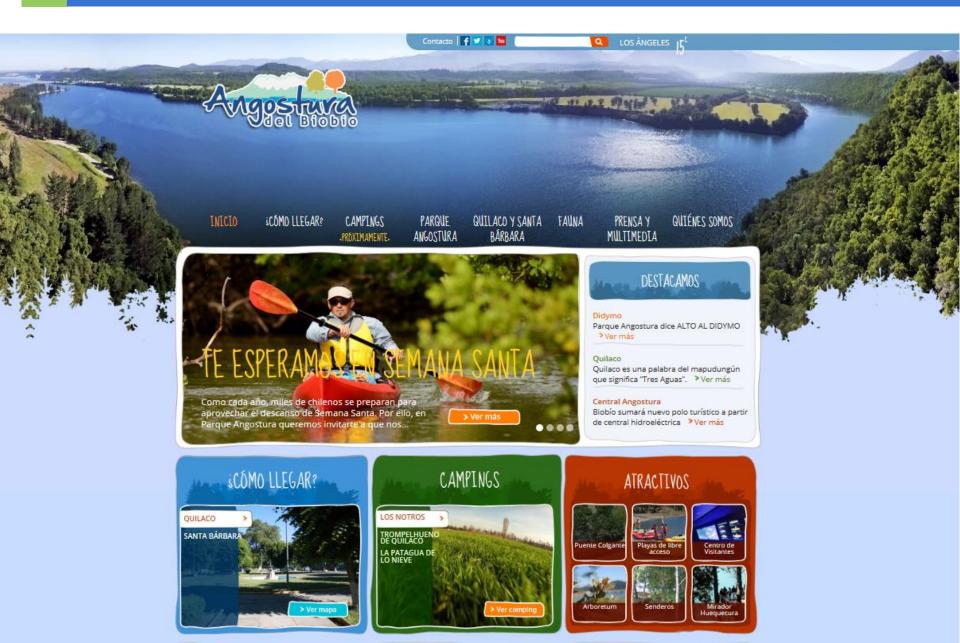
# **DEBT AND LIQUIDITY**







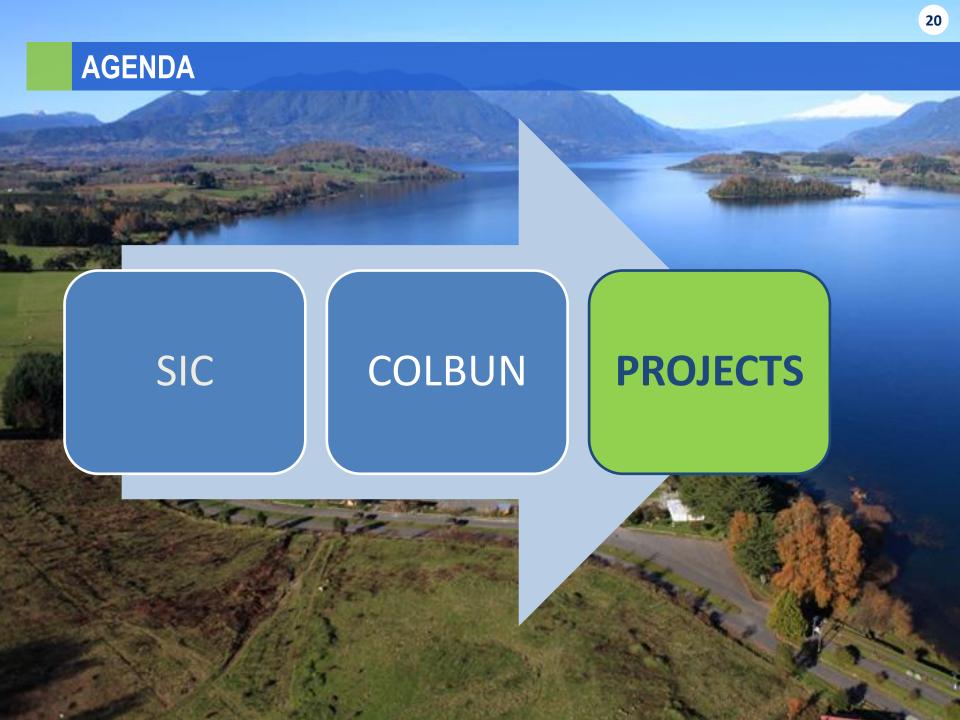
# **ANGOSTURA: A SUSTAINABLE POWER PLANT**



# **ANGOSTURA: ENVIRONMENTAL AND SOCIAL INTEGRATION**

- Socialization prior to EIA
- Public-Private Work: Tourism table
- Individual reallocation plan
- Human capital and local entrepreneurship support

Jalle Hermoso



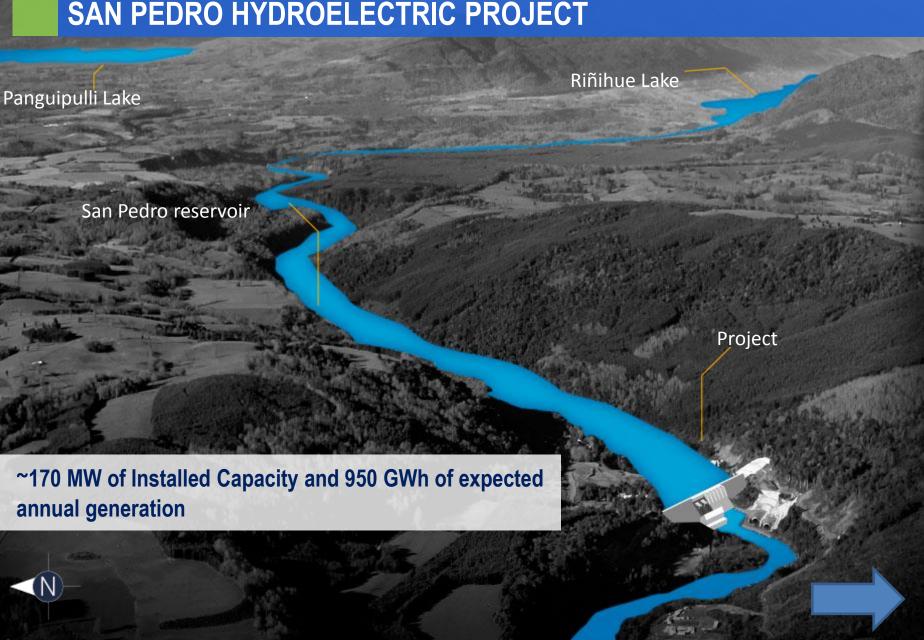
# **GROWTH OPPORTUNITIES IN CHILE**



# LA MINA CONSTRUCTION SITE

## ✓ 34 MW of Installed Capacity and 190 GWh of expected annual generation





# SAN PEDRO HYDROELECTRIC PROJECT

 $\checkmark$ 

23

# **11 RENOWNED INDEPENDENT EXPERTS ANALYZED THE SITE**

#### Giovanni Lombardi: swiss civil engineer

- Participated in the design of the tunnel under the English Channel Canal de la Mancha
- Preliminary design of tunnel under the Strait of Gibraltar https://www.lombardi.ch/es-es/home

#### Alfred Hendron, US geotechnical engineer

Dam safety consultant of the Federal Energy Regulatory Commission in the US

#### Murray Gillon, civil engineer from New Zealand

- One of the foremost experts on dam safety in the world.
- Design Manager of Clyde Hydroelectric in New Zealand, in charge of the research and stabilization of 12 landslides point of shale rock type..
- President of the Dams Safety Committee of International Commission of Large Dams







# **11 RENOWNED INDEPENDENT EXPERTS ANALYZED THE SITE**

#### Wynfrith Riemer, german geologist

- Specialist in geological engineering of dams, underground works and landslides
- He has worked as an independently expert advisor for more than 35 years in over 65 countries

#### Erick Mikkelsen, US geological engineering consultant specialist

- Expert with 45 years of experience in monitoring and instrumentation for measuring geological structures
- Inclinometers specialist

#### James McCalpin, US geologist

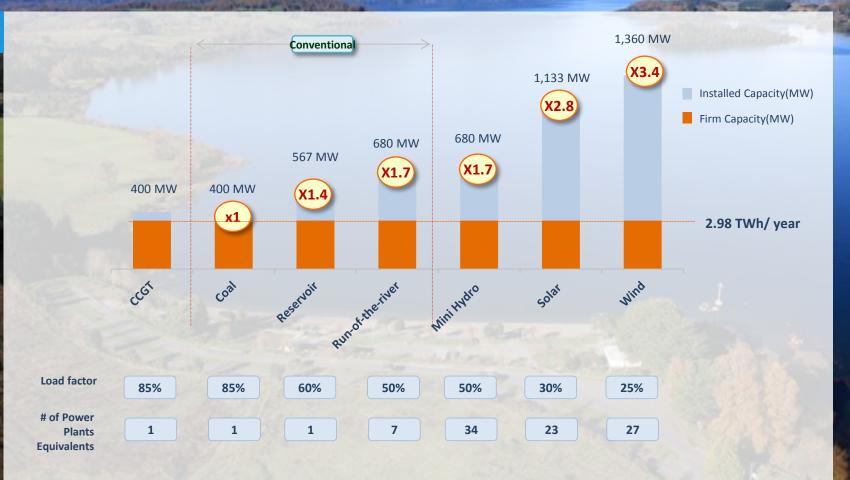
- Geological hazards independent specialist with over 150 projects in the US and worldwide
  - http://geohaz.com/





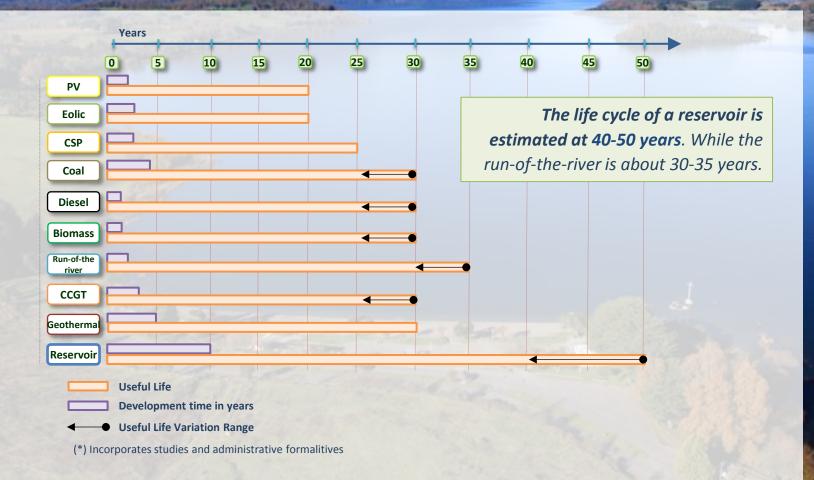


# HYDROELECTRIC HAS COMPARATIVELY HIGHER LOAD FACTOR



(1) Considers: CCGT= 400 MW, Coal= 350 MW, Hydro - reservoir= 400 MW, Hydro Run-of-the-river= 100 MW, Mini Hydro = 20 MW, Solar= 50 MW, Eolic = 50 MW

# HYDROPOWER HAS THE LONGEST USEFUL LIFE



# SANTA MARIA II COAL-FIRED PROJECT

- 350 MW of Installed Capacity and 2,500 GWh of expected annual generation
- Environmentally Approved
- Social, economic and commercial dimensions of the project are being analyzed, in order to timely define the beginning of its construction



# LONG-TERM LNG

# FSRU

- Anchored Floating Terminal
- Higher Availability
- Higher Flexibility
- 10 CCGT of capacity

#### **GNL Quintero**



- Expansion of the existent terminal
- Lower Availability
- Lower Flexibility
- 2 CCGT of capacity available for third parties



## **OTHER PROJECTS UNDER STUDY**

**Portfolio of Hydroelectric Projects:** 

In various stages of development, totaling approximately 500 MW projects

Located mainly in the Maule basin

Under study: NCRE projects; solar, wind, geothermal

# SEARCHING FOR INVESTMENT OPPORTUNITIES IN THE REGION

٢

#### Special Focus on Colombia and Peru

✓ Growing Electricity Consumption

✓ Well established regulatory framework

#### ✓ Diversification:

- Hydrological Conditions
- Generation Technology
- Fuel Access
- Regulatory Risks

## **KEY INVESTMENT HIGHLIGHTS**

- Size: Second-largest generation company in Chile's largest electricity grid.
- **Competitive:** High-quality and diversified asset portfolio.
- **Stable:** Diversified, solid and creditworthy customer portfolio.
- Shareholders: Strong, reliable controlling group with a strategic and long-term vision for the business.
- Management: Experienced management and high standards of corporate governance.
- Growth Opportunities: Strong pipeline of new projects in Chile and interest in expand operations in the region (Colombia and Perú).
- Liquidity: Conservative financial strategy that emphasizes keeping a strong liquidity position aiming to maintain our investment grade credit rating.



- This presentation may contain forward-looking statements concerning Colbun'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.Colbún.cl) and sends the financial statements of the Company and its corresponding notes to the Superintendencia de Valores y Seguros, those documents should be read as a complement to this presentation.



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