

### **Summary**

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# **2022 RESULTS & CHALLENGES AHEAD**

### Main challenges in 2022

### **Recovery expected for 2023**





#### **Challenges of the period**

# Extremely high fuel prices and persistent drought

Coal and gas prices at record highs added to poor hydro generation => high generation costs and spot electricity prices

# Lower availability of efficient power plants

Maintenance, failures and plant closures => lower coal generation

#### **Transmission bottlenecks**

Congestion in certain nodes => curtailment of renewables production

#### **PEC & MPC law**

Liquidity affected by inability to collect bills for approx. US\$ 300 million in 2022





#### What's next

#### **Tariff increases**

Higher fuel prices captured with certain lag in PPA tariffs

# Increased renewable generation and back-up PPAs

0.8 GW ready plus 0.5 GW Wind & BESS projects under construction +1.0 TWh additional back-up PPAs starting in 2023

# Decreasing fuel prices, LNG sourcing and availability of Argentine Gas

EECL already sourced approx. 14 TBtu of LNG for 2023 needs to mitigate the volumes not delivered by LNG supplier

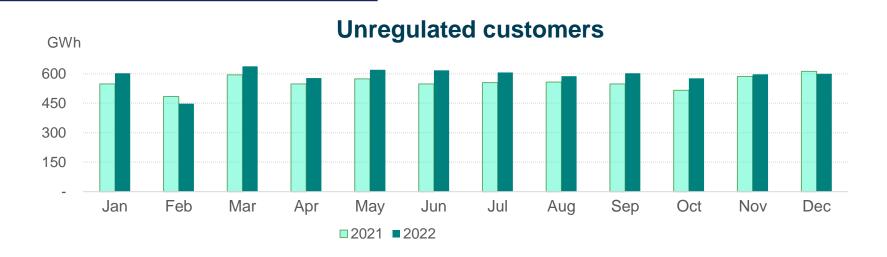
#### **PEC & MPC law**

Monetization of approx. US\$ 400 million through a new securitization program



### Physical sales grew 3% in 2022, increasing pressure on short position

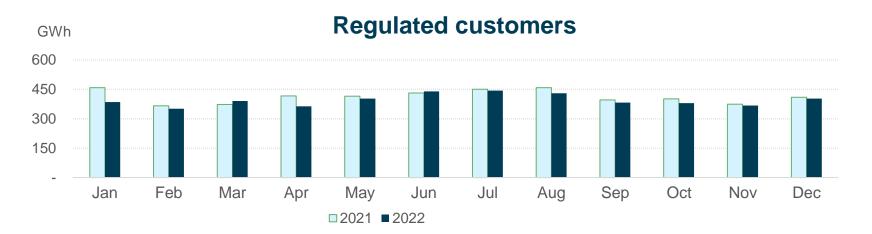
# 4% drop in regulated sales; 6% growth in free customers



#### **Unregulated customers**

#### 6% growth

 Strong demand, with 2022 exceeding previous years due to recovery in mining activity and higher copper prices



#### **Regulated customers**

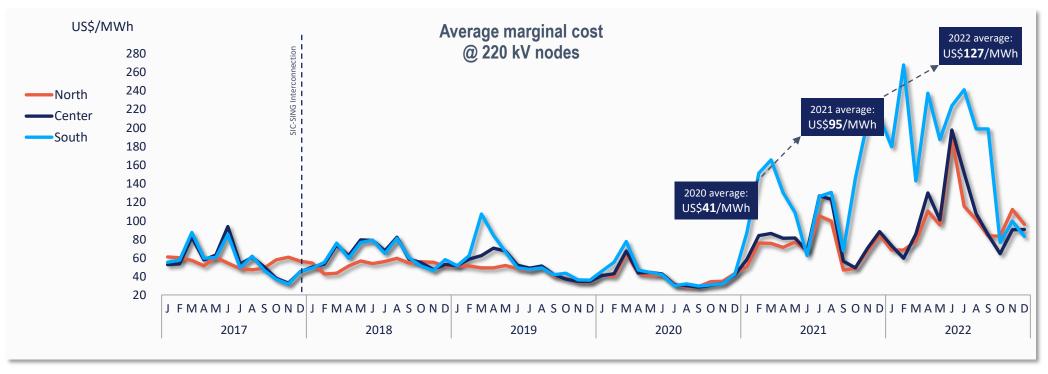
#### 4% decrease

- Relatively flat physical sales
- 2022: Lower pro-rata in pool of regulated contracts
- End of 175 GWh regulated PPA at YE 2021



#### **Highest marginal costs in +5 years**

### Extreme drought, unprecedented fuel prices => high spot prices

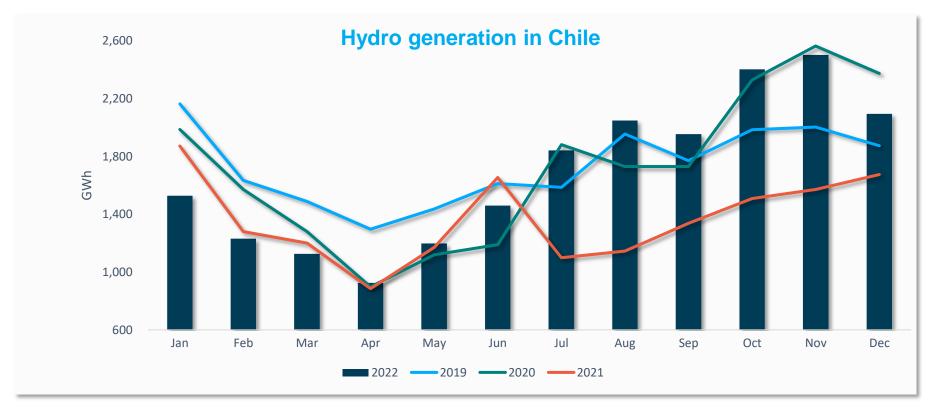


- Lower hydro generation and escalating fuel prices put pressure on marginal costs.
- Prices at the southern Puerto Montt node (~6% of EECL's energy withdrawals) have soared given water use restrictions at the Chapo reservoir and transmission bottlenecks. Acquisition of wind farm in Chiloé will reduce exposure to spot market in the area.
- 2.2 TWh (up to 3.2 TWh in 2023) of PPAs with other generation companies provide an effective hedge against marginal costs fluctuations
- Argentine gas imports alleviated the pressure on marginal costs through Apr-22 and restarted since Jul-22. Daily imports averaged 4.7 million cubic meters per day in 4Q22, with expected volumes rising to 5.3 5.8 MMm3/d for 1Q23
- Although the Apr-22-Mar-23 hydrological year has been dry (85.9% exceedance probability up to Dec-22), a better thaw helped spot prices to decrease in central and south Chile in 4Q22.



### **April 21 – March 22: One of driest in +60 years**

### Hydro generation in recovery, exceeding prior years since July

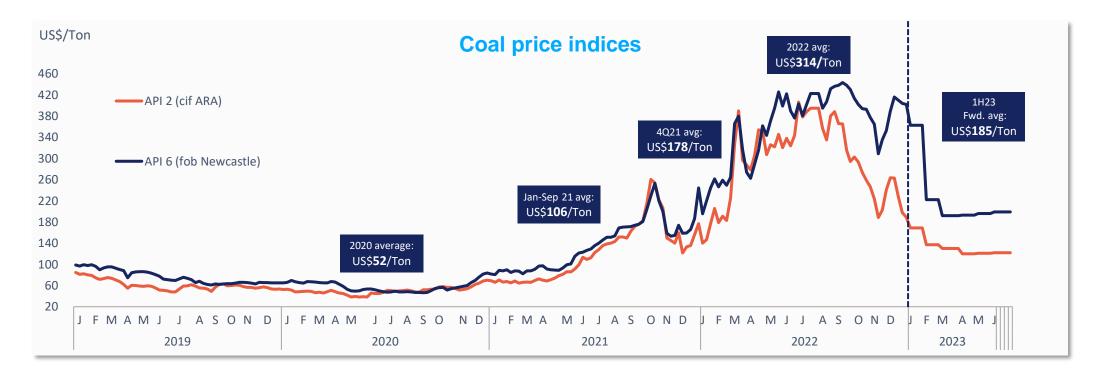


- Apr-21 Mar-22 hydrological year: ~96.8% exceedance probability; i.e., among the driest in more than 60 years
- Apr-22 Mar-23 hydrological year: ~85.9% exceedance probability as of Dec-22 => a dry year, but much better than prior year
- Hydraulic generation fell 20% in 2021 compared to 2020, an already dry year, but increased 24% in 2022 compared to 2021
- · Significant rain and snowfall beginning July brought relief in 4Q22, but the drought has not been overcome
- 372 GWh hydro generation reduction due to hydro reserve build-up until May-22



### Coal prices hit all-time highs in 2022

### Significant decline in spot and forward prices for 2023

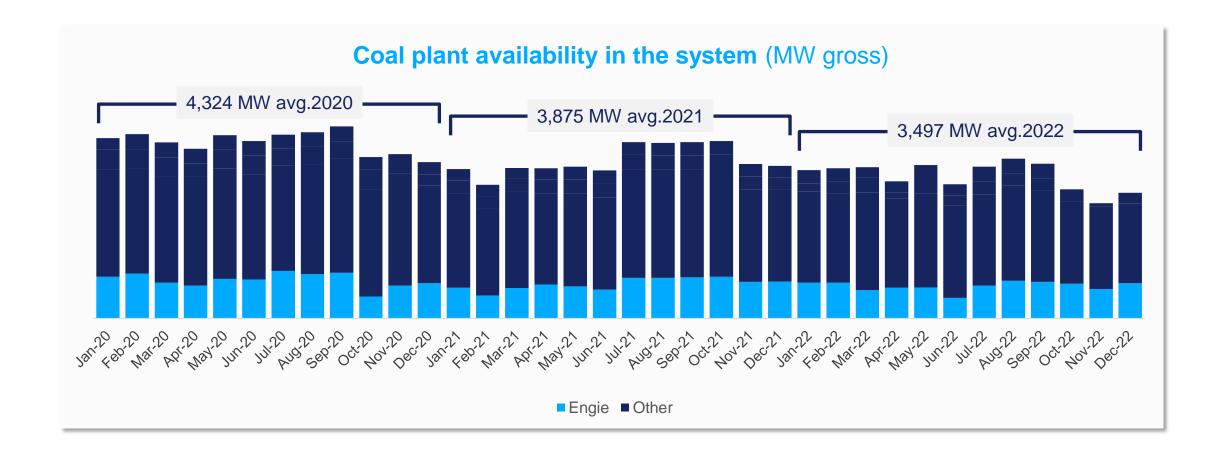


- Reduced investment in coal mining expansion projects due to climate policies have kept prices higher than historical levels.
- Nevertheless, prices declined during the first two months of 2023 due to higher stocks accumulated during the last quarter of 2022 coupled with a milder winter in the northern hemisphere.
- · Lower Natural Gas prices due to higher availability of NG volumes have displaced demand for coal also pressuring prices further down



### Declining coal plant availability in the system

## Plant closures, limitations, planned and forced outages

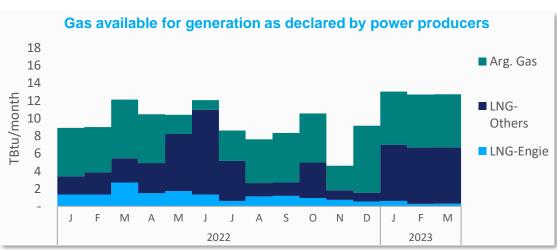




#### Natural gas availability in the Chilean system

# High volatility due to the Russia-Ukraine conflict & rising demand





#### LNG international markets

- In 2022 the supply-demand imbalance, aggravated by the Russia-Ukraine war, led countries to struggle to re-build stocks and secure energy supply. Gas become scarce and expensive
- The trend to move away from fossil fuels towards greener energy supplies has hindered producers' ability to quickly deliver more supply
- In the first two months of 2023, high inventory builds coupled with milder winter than expected in the northern hemisphere reduce LNG prices considerably

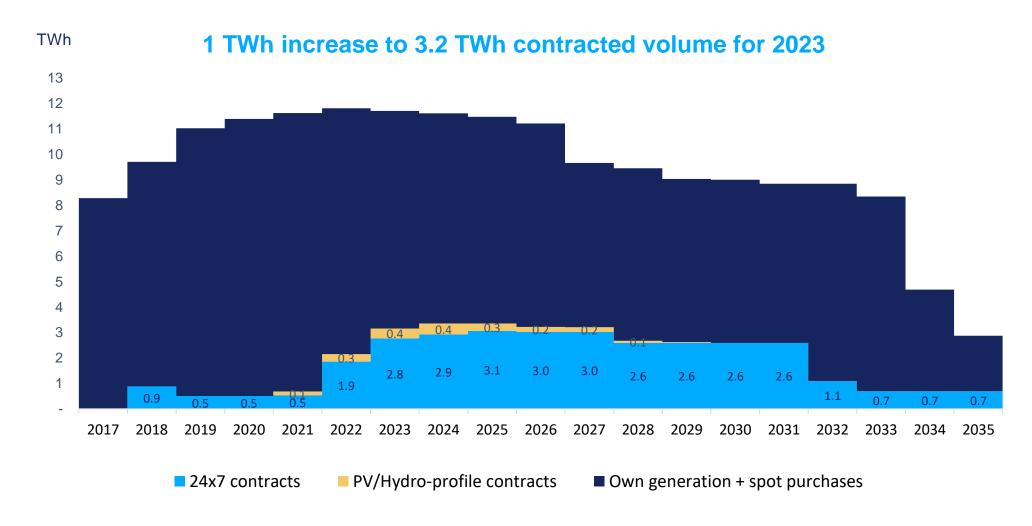
#### LNG and natural gas in Chile

- ENGIE has long-term supply contracts indexed to Henry Hub (23.1 TBtu p.a.) with Total. 13.2 TBtu of supply for 2023 has not been confirmed. EECL is exercising its rights under the SPA and applicable law to seek redress from the supplier
- Argentine gas supply on interruptible terms represented around 60% on average in the 2H22. Injections of 5.3 – 5.8 MMm<sup>3</sup>/d for the period Jan-Mar-23 are expected
- EECL has secured volumes of LNG of approx. 14 Tbtu through July 2023 (Annual 2023 LNG supply of ~24 Tbtu)



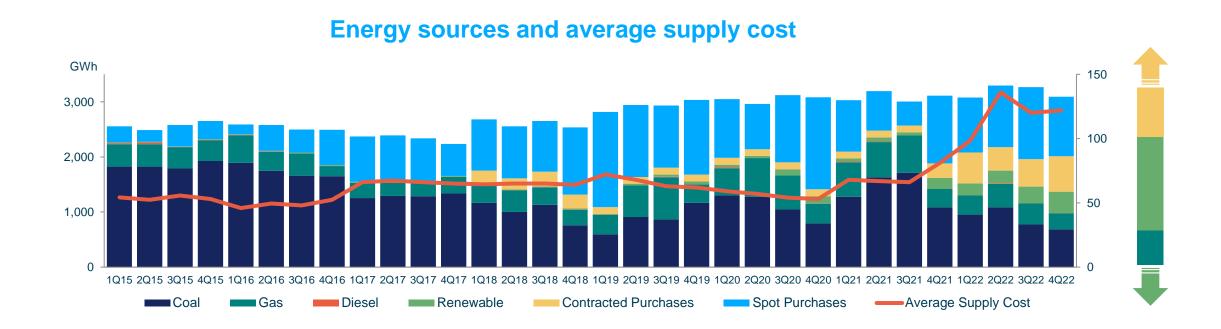
### Closing the gap through back-up PPAs

# Contracted energy purchases for 27% to 30% of demand





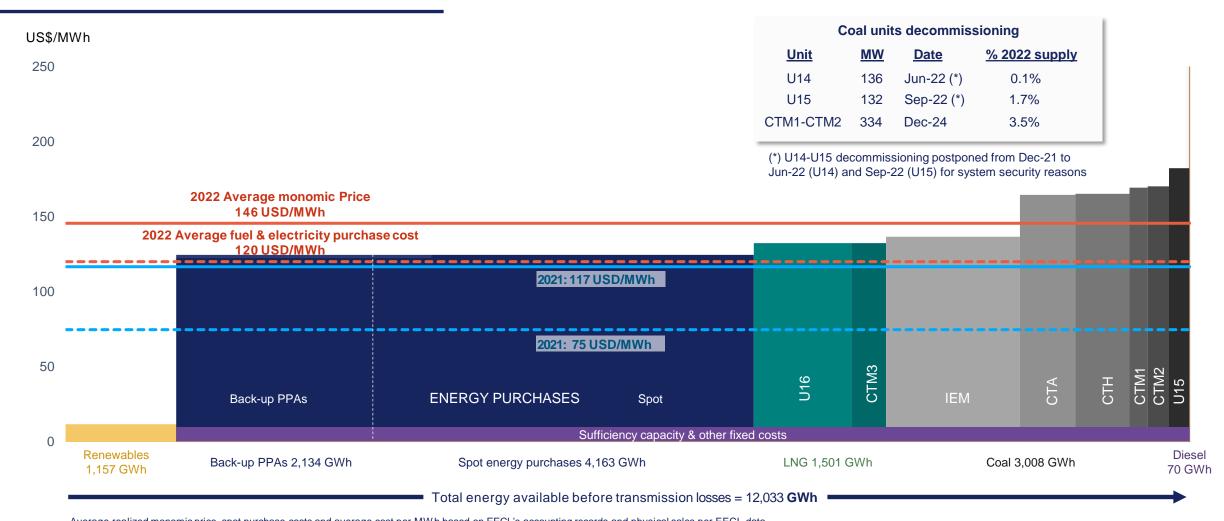
# Portfolio balancing strategy seeks to increase renewables, storage + back-up PPAs while phasing out coal, mitigating intermittence & curtailment and reducing spot exposure



Average supply cost to be significantly reduced as a result of investment in renewables and portfolio balancing strategy



# Supply curve in 2022 impacted by high fuel prices and lower gas supply Investment in renewables and portfolio balancing to lower future supply cost





Average realized monomic price, spot purchase costs and average cost per MWh based on EECL's accounting records and physical sales per EECL data. Average fuel & electricity purchase cost per MWh sold includes fuel costs, LNG regasification cost, green taxes, sufficiency capacity, self consumption & transmission losses

### **EECL's performance during the energy transition**

#### A closer look at 2022 results

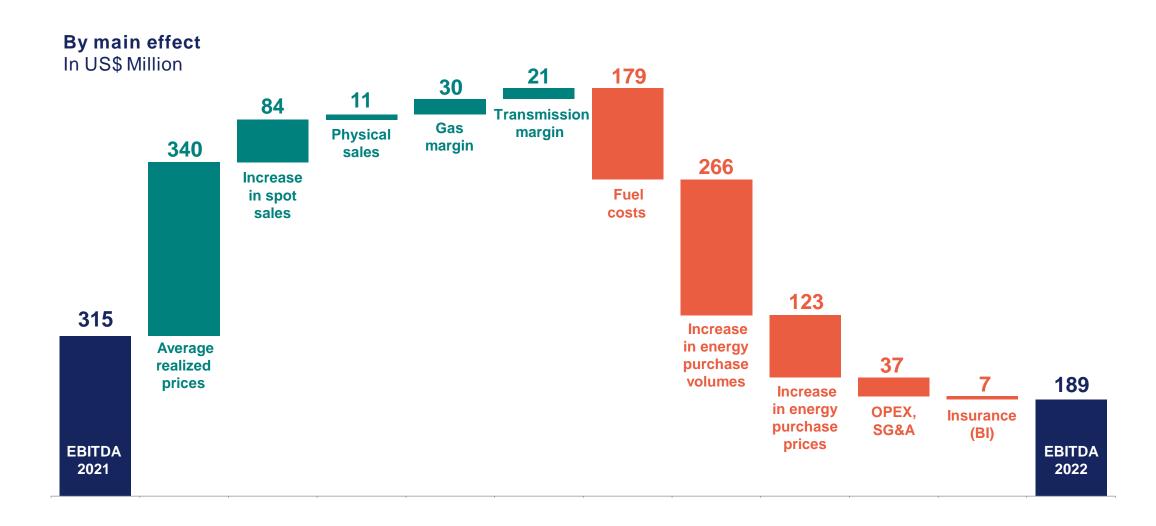
	1Q21	2Q21	3Q21	4Q21	FY-2021	1Q22	2Q22	3Q22	4Q22	FY-2022	Var %
Operating revenues (MUSD)	332.3	388.5	365.8	392.1	1,478.6	417.9	481.4	499.7	521.3	1,920.3	30%
EBITDA (MUSD)	65.9	121.7	55.6	71.3	314.5	68.5	(8.0)	57.3	71.3	189.0	-40%
EBITDA margin (%)	19.8%	31.3%	15.2%	18.2%	21.3%	16.4%	-1.7%	11.5%	13.7%	9.8%	-11.4 pp
Net income (MUSD)	(17.6)	47.6	8.7	8.7	47.4	3.8	(44.2)	(17.8)	(330.6)	(388.8)	-919%
One-off items (MUSD)	(30.9)	(5.0)	(0.3)	0.0	(36.2)	(2.8)	0.0	(8.6)	(325.0)	(336.4)	829%
Net income – before one-offs (MUSD)	13.3	52.6	9.0	8.7	83.6	6.7	(44.2)	(9.2)	(5.6)	(52.4)	-163%
Net debt (MUSD)	833.0	912.3	1,113.5	1,044.3	1,044.3	1,224.5	1,328.7	1,612.7	1,840.6	1,840.6	76%
Spot energy purchases (GWh)	932	717	434	1,228	3,311	999	1,114	1,308	1,081	4,501	69%
Contracted energy purchases (GWh)	122	124	127	265	639	561	430	497	646	2,134	234%
Physical energy sales (GWh)	2,849	2,956	2,986	2,923	11,715	2,964	3,043	3,100	2,940	12,047	3%
Average realized price (USD/MWh)	101	115	109	122	112	123	145	149	165	146	30%

- EBITDA affected by higher generation costs and marginal costs due to drought, extremely high fuel prices and unavailability of thermal plants. Recovery starting August due to improved hydrology, Argentine gas supply into the system and catch-up in PPA indexation
- 3% physical energy sales increase mainly due to increased demand from mining clients
- 30% average realized price increase reflecting rising CPI and fuel prices
- 1.5 TWh increase in contracted energy purchases w/other generation Co's to mitigate exposure to spot market
- Net income impacted by asset impairments related to decarbonization plan and financial expense on the sale of regulated receivables
- Slower cash generation and net debt increase largely explained by price stabilization law and delays in the publication of node price decrees



### **EBITDA** affected by market and operational challenges

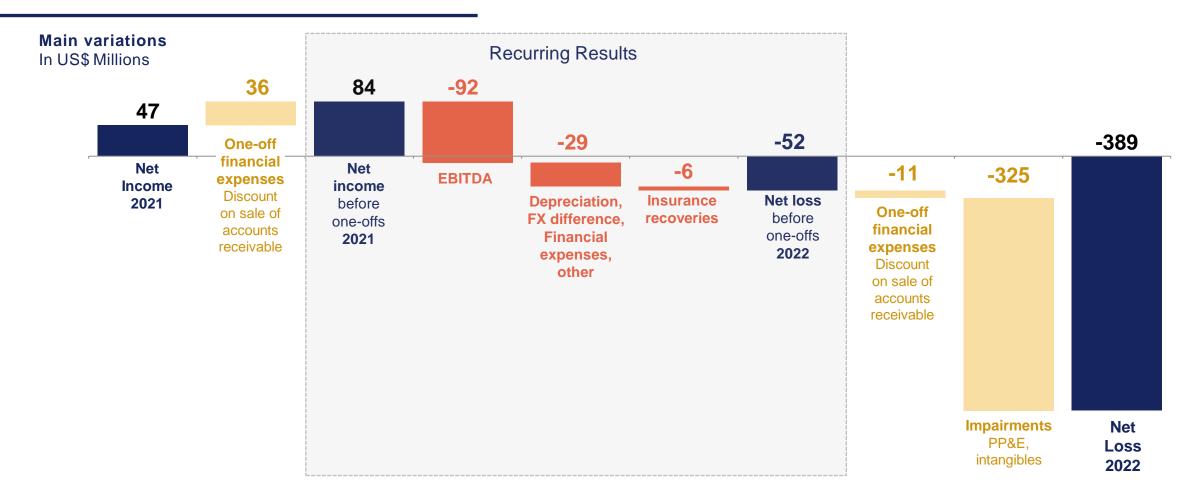
## Decline explained by higher marginal costs and fuel prices





#### Net income evolution

### Operating margin reduction, impairments, PEC financial expenses(\*)

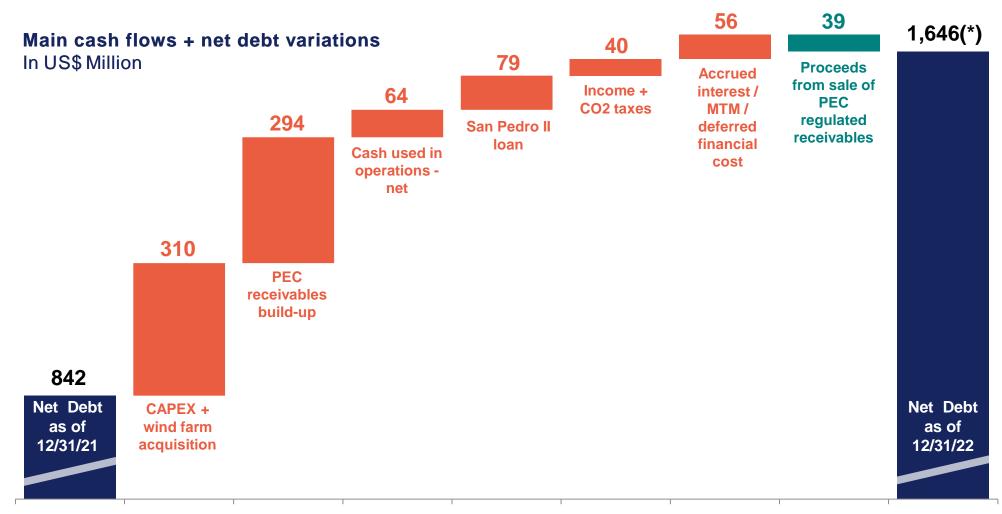


<sup>(\*)</sup> Financial discount on sale of long-term receivables from distribution companies resulting from the Price Stabilization Law enacted in 2019 to freeze tariffs to regulated clients.



#### **Net debt evolution**

#### Increase due to CAPEX financing, build-up of PEC receivables and operational challenges







#### **Financial structure**

### Current strategy geared to reducing ND/EBITDA and extending debt maturity profile

#### **Investment-grade ratings: BBB/BBB**

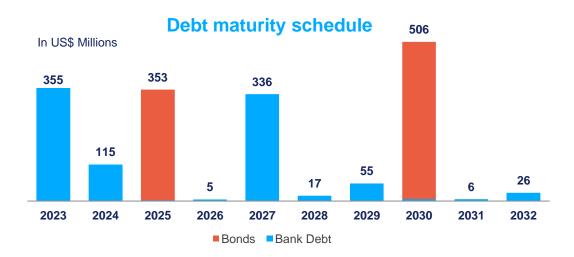
#### International:

Fitch (Oct 2022): **BBB Stable** S&P (Aug 2022): **BBB Stable** 

#### **National scale:**

Fitch (Oct 2022): AA- Stable

Feller Rate (Dec 2022): AA- Stable



#### Net Debt/EBITDA

(\*) excluding IFRS-16 leases



#### **Debt levels**



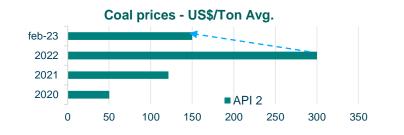


### **EECL's performance during the energy transition**

#### Recent Events and Action Plans – Portfolio balancing to mark the road ahead

#### **Context:**

**Decrease in fuel prices** 





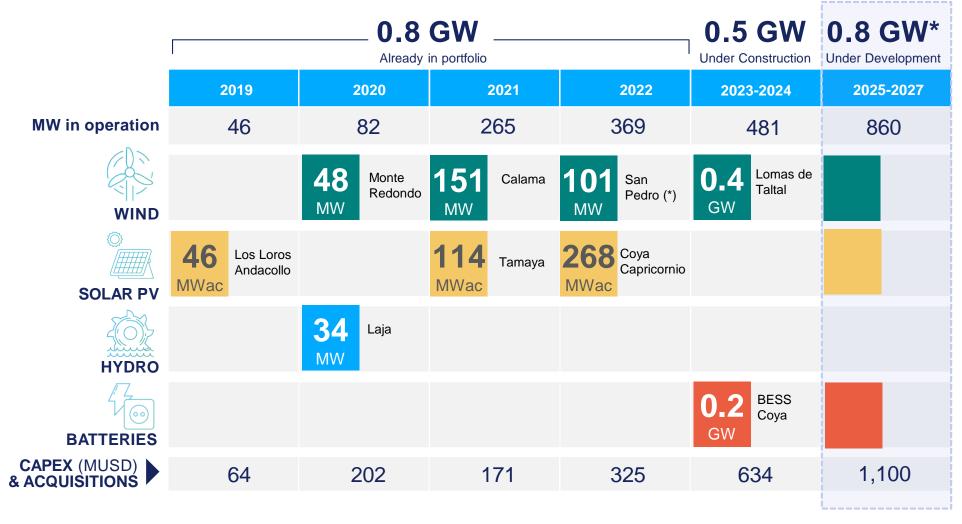
#### **Actions:**

- 1 ~24 Tbtu LNG supply secured + tolling w/3<sup>rd</sup> party CCGTs
- 2 Maintenance rescheduling, securing IEM plant repair, other 0.7 GW coal plants available
- **3** 3.2 TWh back-up PPAs in 2023
- 4 ~0.9 TWh additional renewable generation in 2023, including wind production in southern node
- 5 NTP\* for 342 MW Lomas de Taltal wind and BESS Coya storage to reduce curtailment and intermittency
  - **■>** Spot market exposure reduced to less than 2 TWh from ~ 4 TWh in 2022



### Accelerating investment in renewables to match new portfolio indexation

# 2.1 GW renewable investment pipeline, 0.8 GW already done

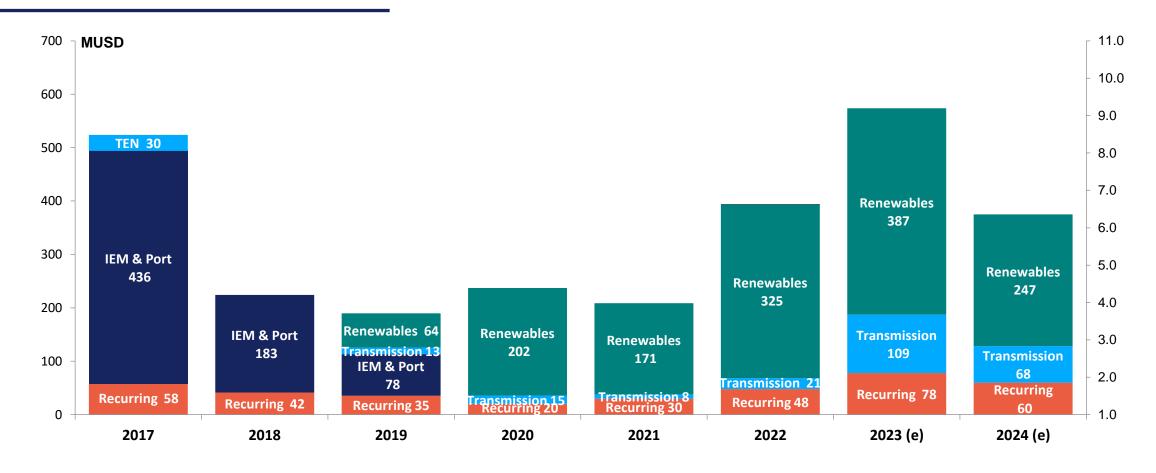


<sup>\*</sup> Projects under development have not yet been approved, and their financing will be decided in due course.



#### **Accelerating investment in renewables**

# US\$1.4 bn investment in renewables / US\$0.2 bn investment in transmission through 2024



 $(\mbox{\ensuremath{^{'}}}\ \ Recurring \ \ CAPEX \ includes \ maintenance \ expenditures, \ upgrade \ investing \ in \ transmission \ assets, \ and \ other$ 



<sup>(\*\*)</sup> Renewables includes (i) the projects under construction; (ii) acquisitions: Los Loros & Andacollo PV plants in 2019, Eólica Monte Redondo in 2020, and the San Pedro wind assets in 2022 (US\$116 million cash outflow for shares and debt payments + US\$80 million take-over of debt) (iii) wind and battery projects in early construction stage

### **EECL's performance during the energy transition**

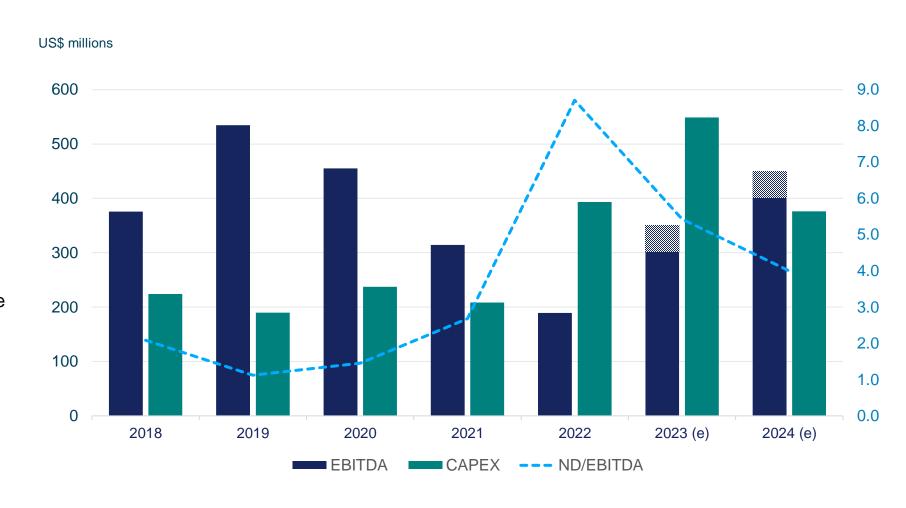
### Where we come from, where we are, where we are heading at

#### Variables affecting EBITDA

- Coal & gas price decreases
- Improved hydrologic conditions
- Argentine gas availability
- LNG contract supply
- Spot LNG availability
- Coal plant unavailability
- Renewable generation increase
- BESS storage investment
- Back-up PPAs

#### **Variables affecting Net Debt**

- ~US\$0.4bn PEC monetization
- ~US\$0.9bn CAPEX





# Financing plan focused on reducing ND/EBITDA and extending debt maturity profile While providing funds for CAPEX program

#### **Expected EBITDA recovery**

- 1H23 PPA prices capturing 2022 fuel price increases
- Decrease in fuel prices
- Increased renewable production
- Increased LNG purchase volume despite curtailment of contracted supply
- Increased Argentine gas supply to Central Chile reducing pressure on spot prices
- Increased back-up PPA volumes

#### MPC law ("PEC-2")



- True sale of certificates of payment issued by Chilean Treasury for >US\$300 million in 2023
- Cash resources to finance CAPEX and/or refinance short-term

#### Mandate for US\$400 million term loan



- Super green loan to finance renewable projects and refinance debt
- A/B1 loan structure supporting EECL's decarbonization efforts
- 10-year amortizing loan



### **Key Messages and Action Plans**

#### Re-balancing of portfolio through renewable additions, back-up PPAs and LNG generation

0.9 TWh of new renewable capacity, 3.1 TWh of Back Up PPAs and LNG volumes secured for 2023

#### Moving forward with energy transition with strong CAPEX in renewables for 2023-2024

BESS Coya storage project and Lomas de Taltal Wind Farm project under construction

#### Accelerating development of renewable projects and storage systems

Additional BESS projects for PV plants plus additional renewable projects to reduce exposure to spot market

#### Liquidity and financing needs

Monetization of PEC receivables under way and US\$ 400 million long-term Super Green Loan with IFC for 2023





# **Additional Information**

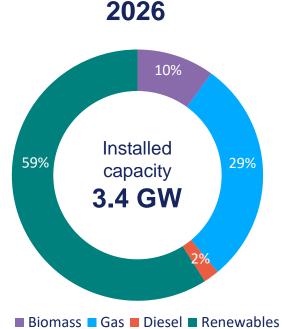


**Energy transition** 

### **Energy transition**

### EECL is embarked on a profound generation portfolio transformation







#### 0.7 GW Conversion





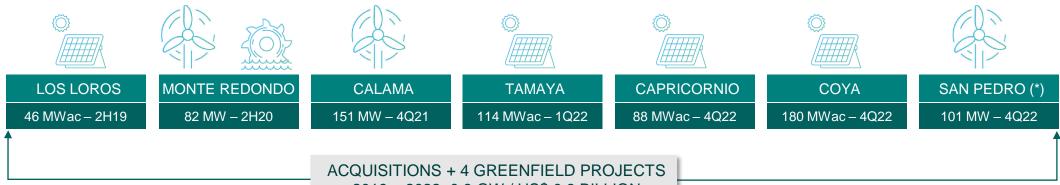




#### **Generation portfolio transformation**

#### Addition of 2.1 GW renewables

#### 0.8 GW / US\$0.8 bn already done



2019 - 2022: 0.8 GW / US\$ 0.8 BILLION

#### 0.5 GW / US\$0.6 bn under construction





**BESS COYA** 139 MW/638 MWh - 1Q24

#### 0.8 GW under development

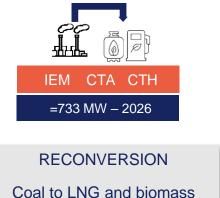




#### **Generation portfolio transformation**

### 0.8 GW of coal capacity to be closed by YE-2024





#### Impairment test (IAS 36): US\$ 325 million non-recurring impact on 2022 financial results

- The cash flow generating capacity of existing assets has been impaired by the decarbonization process. Hence, equity value, calculated using the discounted cash flow method, was lower than book value in an amount of US\$436 million.
- EECL is considered a single cash generating unit. According to accounting norms, the impairment was allocated: 1<sup>st</sup> to goodwill (US\$25 million), 2<sup>nd</sup> to capitalized development costs (US\$30 million), and 3<sup>rd</sup> to affected assets, pro-rata according to their size (i.e., thermal assets) (US\$381 million).
- The net impact was US\$325 million after discounting US\$111 million deferred tax.



### **Generation portfolio transformation**

# 0.7 GW of newer coal capacity to be converted

		20	21		2022				2023				2024				2025				2026	
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		
	,																					
	permits(*), engineering, procurement, off-site preparation																					
<b>IEM</b> 375 MW	coal generation															outage overhaul +boiler burners adjustment	gas					
CAPEX 52 MUSD						2 11 20.4									.4		19					
	permits(*), engineering, reconditioning common facilities, fuel procurement, conversion works during maintenance														ance							
CTA CTH 350 MW	coal generation														biomass							
CAPEX 25 MUSD						0	.4			(	3			1	0			(	9			



### 463 MW Renewable projects added since 4Q21

# 723 GWh<sup>(\*)</sup> generated in 2022 (217 GWh in 2021)



COD: 29-Oct-21

# 151MW Calama wind farm

US\$160 million investment



COD: 14-Jan-22

#### 114MWac Tamaya PV

**US\$84** million investment



COD: 21-Nov-22

#### 88MWac Capricornio PV

US\$100 million investment



Acquired: 15-Dec-22

# **101MW San Pedro** wind farms

~US\$180 million investment



### 180 MWac Coya PV full year of operations in 2023

### 481 MW wind and battery projects under construction



COD: 1Q23

180MWac Coya PV

US\$159 million investment



COD: 4Q24

342MW Lomas de Taltal Wind

**US\$433** million investment



COD: 1Q24

139MW / 638MWh BESS Coya (storage)

US\$191 million investment



COD: 3Q23

34MW Central Laja substation

US\$33 million investment



### Land concessions for the development of renewable projects

 Potential to develop hybrid projects with up to 1.45 **GW** capacity

• Wind: Up to 560 MW

Solar PV: Up to 636 MWac

• BESS: Up to 255 MW (6-hr. storage)

Pampa Fidelia and Pampa Yolanda **Land-use concessions in Taltal** awarded in 2021 public auction





#### Renewable projects

### **Environmental permit requests**

#### - Approved RCA:

- PV Pampa Camarones II: Up to 300 MWac Bifacial panels + 180 MW BESS (up to 6-hr storage) (Approved September 2022)
- Wind Lomas de Taltal: 353.4 MW (57 WTGs x 6.2 MW)
- Wind Vientos del Loa: 204.6 MW (33 WTGs x 6.2 MW)

#### - EID/EIA submitted:

- PV Libélula (EIA): 199.2 MWac PV-bifacial panels 80MW/480MWh storage system
- Wind Pemuco (EID): 180 MW

#### Pertinence letter approved:

- BESS Coya: Up to 100 MW / 5 hours (February 2022)
- BESS Tamaya: 68 MW / 5 hours (July 202)
- BESS Capricornio: 47 MW / 5 hours (to be submitted end Jul-22) (September 2022)





<sup>(2)</sup> EIA = Environmental Impact Assessment (Estudio de Impacto Ambiental)

<sup>(3)</sup> EID = Environmental Impact Declaration (Declaración de Impacto Ambiental)

### **Network projects**

### **Environmental permit requests**

#### Approved RCA:

- Substation Dolores (Approved September 2022)
- Substation Roncacho (Approved May 2022)
- Substation Desalant (Approved May 2022)
- Substation La Negra (Approved April 2022)
- Substation Algarrobal (Pertinence letter approved February 2022)
- Substation Pozo Almonte (Approved December 2021)

#### - EID/EIA submitted:

By-pass Antofagasta (17<sup>th</sup> of October 2022)

#### EID/EIA under assessment (to be resubmitted):

- Substation Tamarugal (Expansion) best estimate: mid-November 2022. Resubmitted 16.12.2022.
- Substation La Ligua best estimate: December 2022.
   Resubmitted: 18.01.2023.





RCA = Resolución de Calificación Ambiental => Environmental authority's qualification of the Project's impact following the review of the EIA or EID

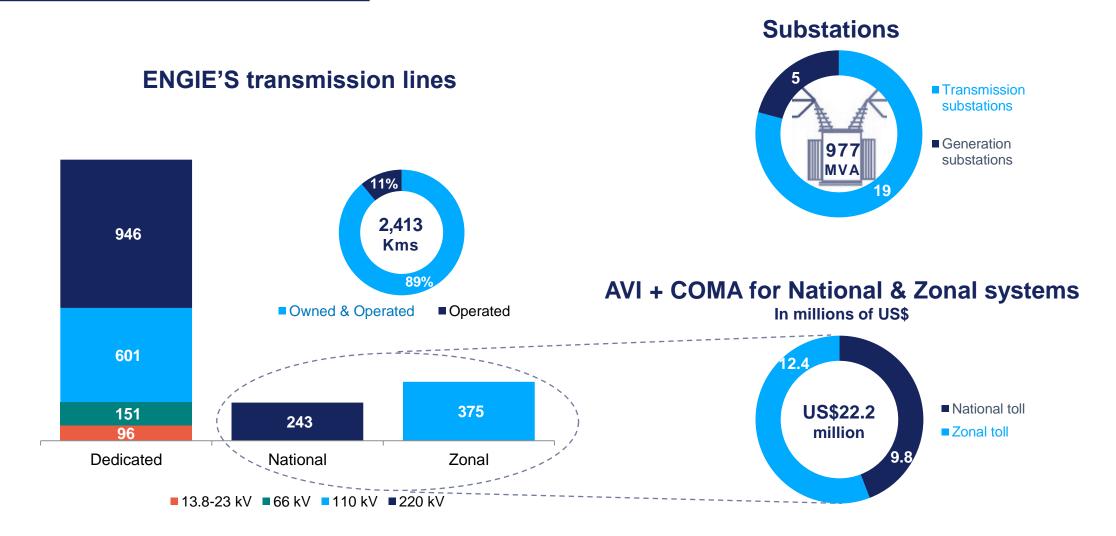
<sup>(2)</sup> EIA = Environmental Impact Assessment (Estudio de Impacto Ambiental)



# **Transmission**

# **EECL:** A relevant player in transmission

## 2,413 Kms. transmission lines, 24 substations and 50% share in TEN



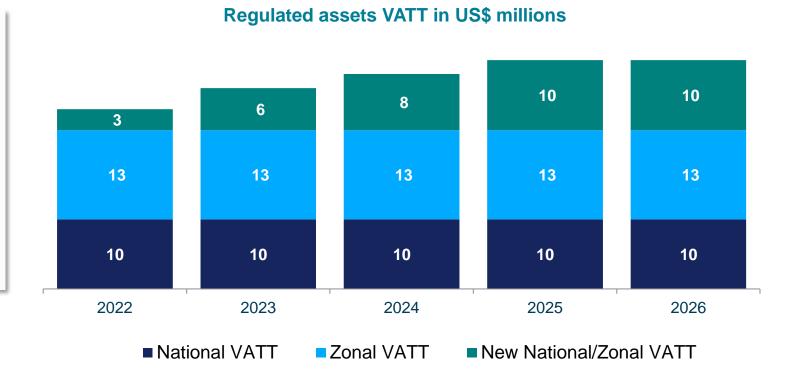


## **Expansion into regulated transmission**

## New regulated projects to contribute +US\$10 million EBITDA p.a.

# Expansion CAPEX 2020-2026:

- National:
  - ~US\$67 million
- Zonal:
  - ~US\$83 million





## National / zonal transmission projects completed

# US\$2.4 million annual revenue (VATT) / US\$41.5 million CAPEX



COD: 06-Dec-21

## Nueva Chuquicamata

Substation + 2x220 kV T.Line US\$22 million CAPEX



COD: 06-Jul-21

## **Algarrobal**

National 220 kV sectioning substation US\$13 million CAPEX



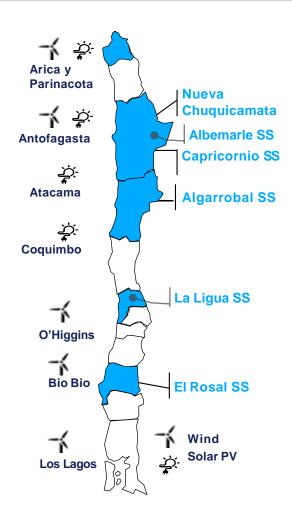
COD: 06-Mar-21

#### **El Rosal**

National 220 kV sectioning substation US\$7 million CAPEX



# National / zonal transmission projects awarded US\$110 million CAPEX

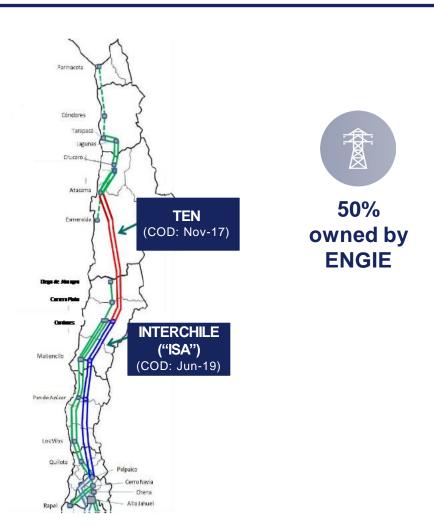


New Works	CAPEX (MUSD)	COD
Nueva La Negra substation	32	1Q24
Roncacho substation	19	1Q24
La Ligua substation	24	2Q25
Totihue new sectioning + new Totihue 2x66 kV transmission line	40	4Q25
Antofagasta by-pass (on hold)	31	2Q26
Expansion works	CAPEX (MUSD)	COD
Nueva Chuquicamata – Calama 2 <sup>nd</sup> circuit	8	4Q24
Charrúa line capacity increase	3	2Q25
Pozo Almonte substation	5	1Q24
Dolores substation	4	1Q24
Tamarugal substation	5	3Q24
BOOT		COD
Capricornio substation		n.a.
Albemarle West tap-off substation + West-Salar tap-off		1Q23
Algarrobal substation – Bay construction Cox Energy		1Q24
Desalant substation		2Q24
Nuevo Desafío: Algarrobal substation – Pacific Hydro Chile		n.a.



## Transmisora Eléctrica del Norte S.A. ("TEN")

## 600 km-long, double circuit 500kV national transmission system



National HVAC transmission system interconnecting SIC and SING grids since Nov. 24, 2017

#### National system in 500 kV:

- Substations:
  - Los Changos (220 and 500 kV)
  - Cumbre (500 kV)
- **Transmission lines** (600 km x 2 (double circuit)):
  - Los Changos Cumbre
  - Cumbre Nueva Cardones
- Connection at Nueva Cardones Substation (500 kV).

#### **Dedicated system in 220 kV:**

Used by EECL under 20-yr financial lease agreement

- Substation:
  - TEN-GIS
- **Transmission line** (13 km x 2 (double circuit)):
  - Mejillones Los Changos



## Transmisora Eléctrica del Norte S.A. ("TEN")

## A new tariff decree for the 2020-23 period not published until February 2023

#### **TEN** revenue scheme

- Regulated revenues on "national assets" (AVI)
- Contractual toll with EECL on "dedicated assets"

## **TEN:** Annual estimated revenue

(in millions of US\$ @ 31-Dec-22 FX rates)

AVI (VI annuity): 49
+COMA (O&M cost): 10

+AEIR (tax adjustment): \_8 =VATT 67

+Toll (paid by EECL): ~7

AVI = annuity of VI (investment value) providing at least 7% post-tax return beginning 2020.

New tariff scheme published in February 2023 to be enacted with retroactive effect to 1-Jan-20

#### **Project Finance status as of 31-Dec-22**



Total senior debt ≈ USD 0.6 bn





**EECL** and Market Information

## Introduction

## **ENGIE Energía Chile S.A. ("EECL")**

60% owned by ENGIE S.A., a leading international player in the energy transition, seeking to achieve Net Zero Carbon target by 2045

4<sup>th</sup> largest electricity generation company in Chile, 3<sup>rd</sup> largest transmission player

Embarked on a profound transformation into a renewable energy producer, aligned with ENGIE's global transition goals

#### **ENGIE S.A.**

- +100 GW of installed generation capacity, with ambitious goals for the energy transition
- To add +4GW p.a. of renewables capacity on average by 2025 and +6GW on average per year from 2026
- To phase out coal activities by 2027

#### **ENGIE Energía Chile S.A.**

- 2.4 GW of installed generation capacity, 7% market share
- **12 TWh/y** contracted sales, 16% market share
- Energy transition by 2026: Closing 0.8 GW and converting 0.7 GW of coal capacity; adding 2.1 GW renewables



## **ENGIE Energía Chile S.A.**

## A diversified asset base concentrated in Chile's mining region

#### **Our operations**

4th largest GenCo in Chile2.3 GW gross capacity0.5 GW renewables added 202212.0 TWh sold under PPAs in 2022

3rd largest Transmission operator
2,407 kms Transmission lines
24 substations – 977 MVA
600 kms in TEN 50% JV with REE

1,066 kms gas pipelinesL.T. LNG supply agreements

2 seaports: Andino (Mejillones) +Tocopilla



#### **Our largest clients**



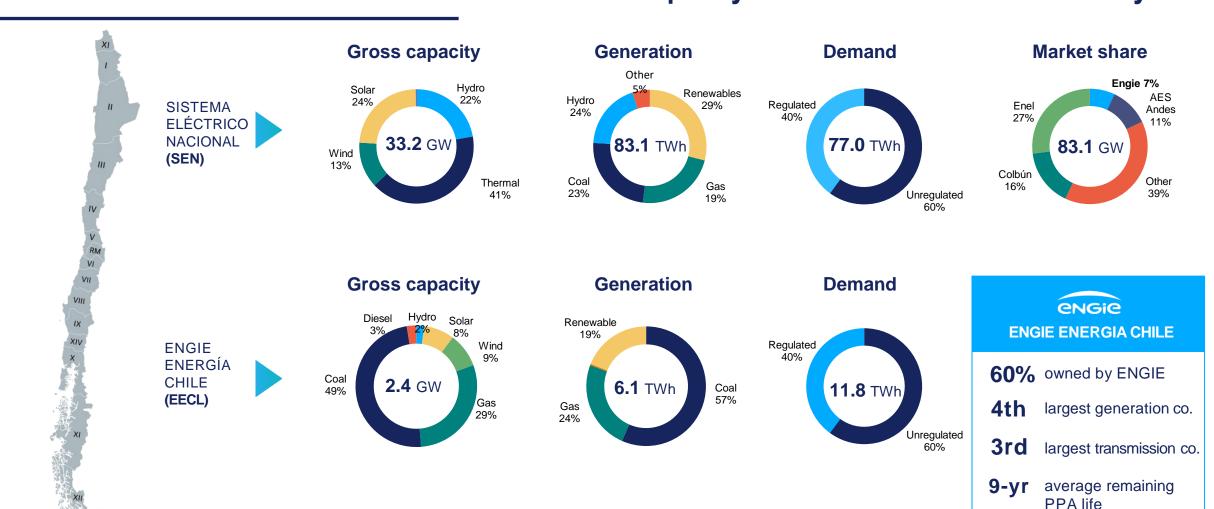


(\*) GNLM is a sister company



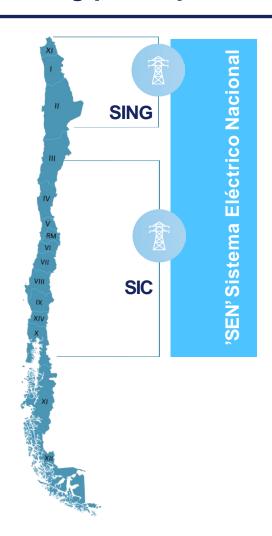
## **Industry and company highlights - 2022**

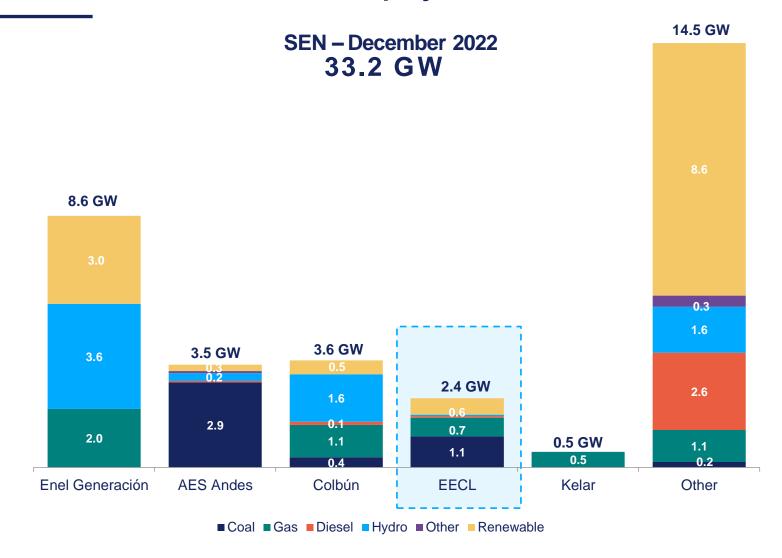
# EECL has 7% market share in terms of installed capacity and 16% in terms of electricity sales



## Sistema Eléctrico Nacional – SEN

## Growing participation of renewables and smaller market players







## **EECL's performance during the transition**

## 2022 "perfect storm" with impact on temporary short position (sales vs. generation)

### Our PPA portfolio

- ~12 TWh/y contracted portfolio w/9-year average life
- ~4 TWh/y spot market purchases in 2022

## — Phasing out coal generation

- 0.3 GW closed in 2022 (+0.2 GW closed + 0.3 GW by YE-24)
- 0.7 GW coal plant conversions by YE-25

### — Accelerating addition of 2.1 GW renewables

- 0.8 GW renewables operating or under construction
- 0.1 GW wind farm acquisition in 2022
- More than 1.1 GW additional development portfolio

## — Managing risks during transition

Signing supply PPAs with other generation companies Acquiring uncontracted assets to reduce spot market exposure in south Chile area

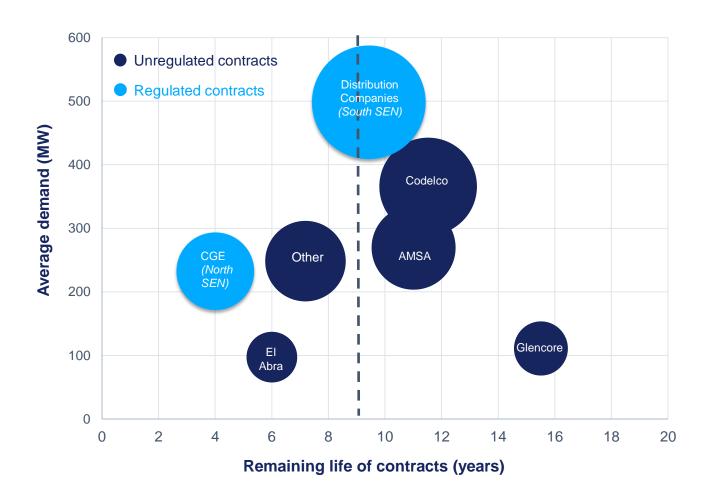
Our Performance	2020	2021	2022
Total energy sales (TWh)	11.1	11.7	12.0
Unregulated PPAs (TWh)	6.5	6.7	7.0
Regulated PPAs (TWh)	4.9	5.0	4.8
EBITDA (MUSD)	455	315	189
Net recurring result (MUSD)	181	47 (*)	-64



<sup>(\*)</sup> Financial expenses related to the sale of accounts receivable (US\$49.6 million in 2021 and US\$15.5 million in 9M22) are considered recurring for purposes of this presentation

## PPA portfolio with 9-year average remaining life

## Free clients: 10 yrs. Regulated clients: 8 yrs.



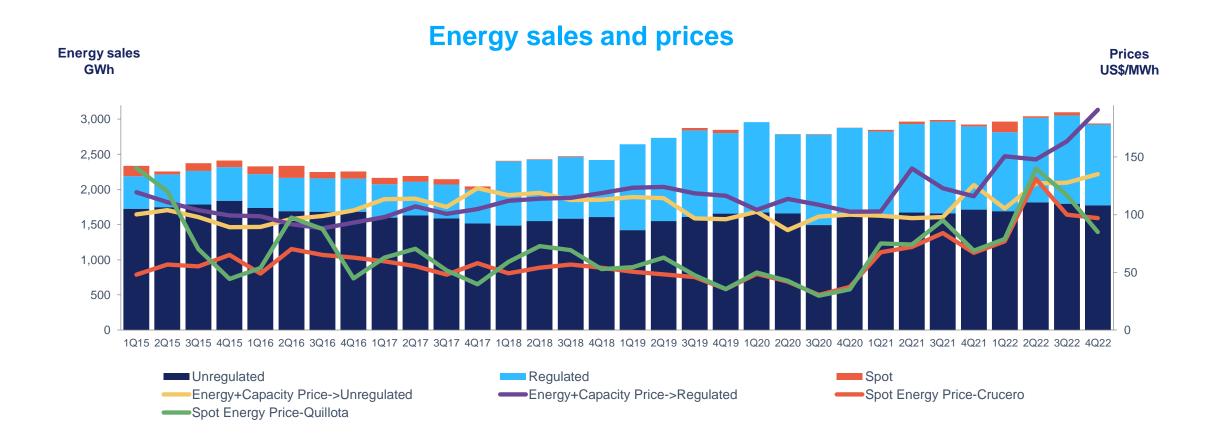
#### **Clients' credit ratings**

#### (S&P/Moody's/Fitch):

- Codelco: A/A3/A-
- Freeport-MM (El Abra ): BB+/Baa3/BBB-
- Antofagasta PLC (AMSA): BBB/--/BBB+
- Glencore (Lomas Bayas, Alto Norte): BBB+/Baa1/--
- CGE: A+(cl) (Fitch) /AA(cl) (Feller)

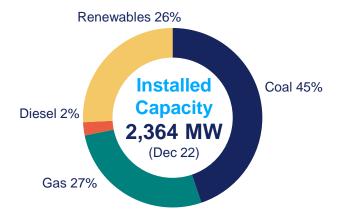


# EECL's heavily contracted position provides the basis for stable sales revenue PPA prices on the rise as they capture fuel price increases

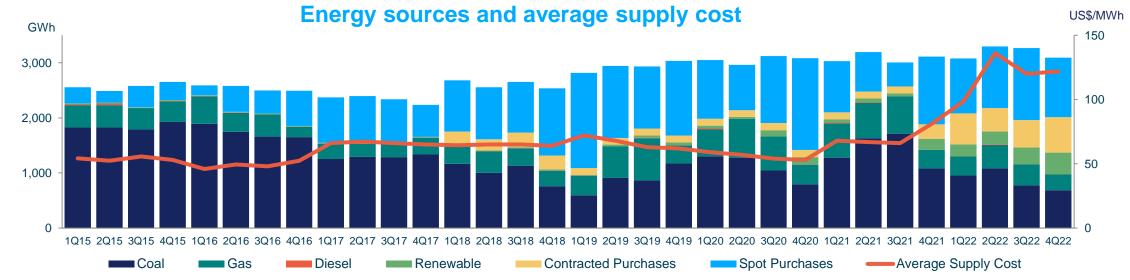




# Demand supplied with own generation and energy purchases Our installed capacity is our physical hedge



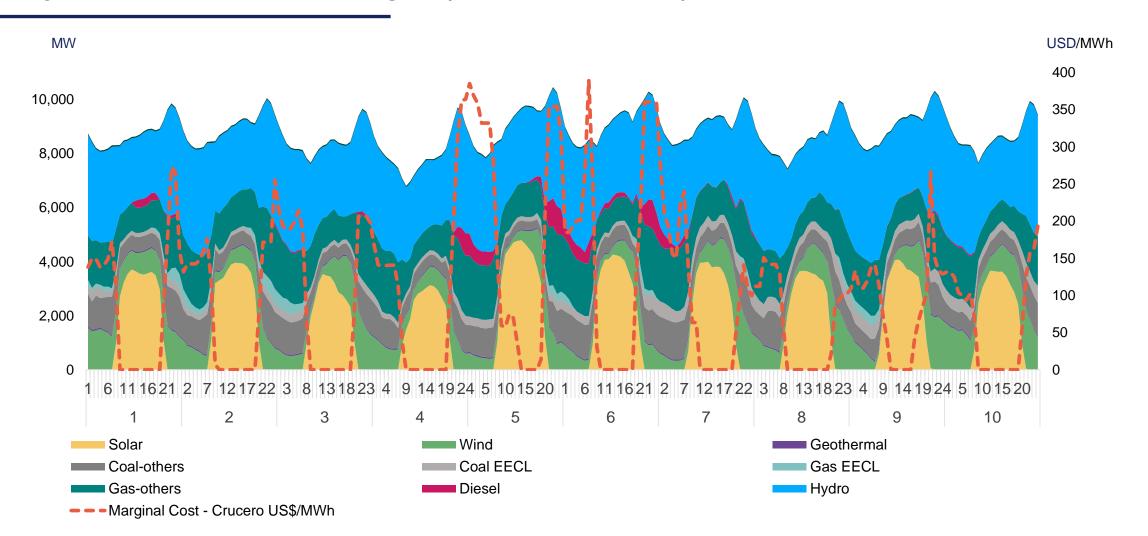
Average supply cost depends on fuel prices, power demand, gas supply, transmission congestions, renewable output, plant performance and hydrologic conditions.





## High and volatile marginal costs affected by renewable intermittency

A 10-day real example in the SEN grid (Dec. 1 to 10, 2022)





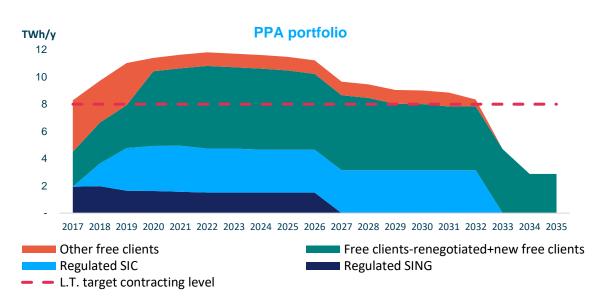
## **EECL's performance during the energy transition**

## Portfolio balancing measures

#### **Short position during transition**

Current contracted sales for ~12 TWh/y, falling to ~10 TWh/y starting 2027

Supply (generation + back-up PPAs) at ~8 TWh/y in 2022 => ~4 TWh/y exposure to the spot market on the cost side



#### **Portfolio balancing strategy**

- 1.4 GW of renewable newbuild to be delivered by 2027 (0.9 GW wind, 0.3 GW BESS, 0.1 GW solar PV)
- Additional back-up PPA volumes 3.2 TWh/y in 2023, up from 2.1TWh/y in 2022
- Increased LNG supply for gas generation at own facilities and through tolling agreements w/ other producers
- BESS storage and gas generation at night to cope with renewable intermittence and curtailment
- Geographic portfolio rebalancing at each of five distinct zones of the Chilean grid to secure supply/demand balance
- Re-contracting activity postponed until portfolio balance is achieved in 2028
- Long-term target: contracted sales of ~8 TWh/y, and 20% long position



## **Regulatory initiatives**



#### **GENERATION**

**Energy transition** 

Flexibility strategy

Accelerated retirement of coal-fired units

**Emission compensation mechanism in green taxes** 

Price stabilization mechanism

Rationing decree

Spot market operation & coordination norms

Regulated contract tenders

Bill promoting renewable energy



#### DISTRIBUTION

**Electric portability:** 

- Energy dealer
- New types of energy auctions
- Information manager

Tariff fixing (VAD 2020-2024)



#### **TRANSMISSION**

**Transmission facilities qualification** 

National and Zonal systems valuation for 2024-2027

Annual expansion plan - 2022

**Bill for energy transition (transmission issues)** 



#### **OTHER**

Superintendency of Electricity and Fuel

**Ministry for the Environment Decrees:** 

- Thermoelectric emissions standards
- Noise standard for fixed sources
- Liquid waste discharges
- Seismic requirements for High Voltage Electrical Installations (NTSyCS)



## **Price stabilization mechanism ("PEC-1")**

## **US\$64** million direct financial cost so far

Law #21,185 (Nov-19): Electricity price stabilization mechanism for regulated customers

As long as stabilized price (PEC) remains below average contract price (PNP), generation Co.s will accrue an account receivable (the "Fund")

As lower priced PPAs awarded in power auctions become effective, PNP will fall below PEC and receivable will be repaid

CLP/USD FX rate, demand volume and fuel prices: main variables affecting fund size and recovery pace

EECL monetized accounts receivable in 2021+2022: US\$222 million ARs sold and US\$158 million cash received

EECL's financial cost of monetization 2021+2022: US\$64 million

**PEC** = Fixed price to consumers in nominal CLP @ 1H19 levels

Dec 2020

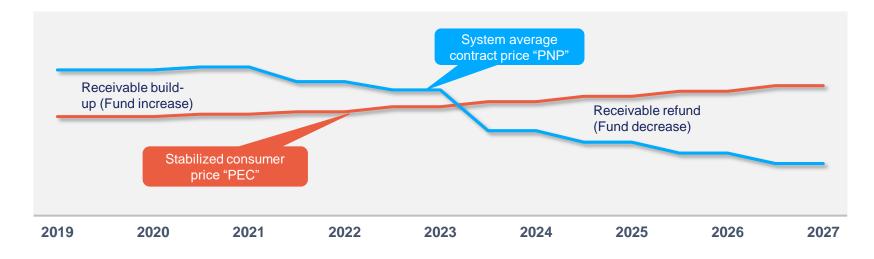
**PEC** = Fixed price to consumers in CLP adjusted for inflation

Jul 2023

PEC = Adjusted upwards if necessary to avoid breaching US\$1,350 million fund cap

Dec 2025

PEC = Adjusted upwards if necessary to permit full fund repayment in USD by YE 2027



#### PNP > PEC

Generation Co's accrue account receivable ("Stabilization fund") from distribution Co's.
Consumers pay at PEC while generators are entitled to charge PNP.

#### Stabilization fund

The Fund can grow until the first to occur: July 2023 or fund reaches US\$1,350 million cap.

#### PNP < PEC

The account receivable begins to be refunded.

The fund accrues interest starting 2026.



## Mechanism for the protection of end users (MPC law or "PEC-2")

## A new mechanism to stabilize consumer prices beyond PEC-1

The MPC Law (Aug-22) seeks to stabilize electricity tariffs to final consumers according to a differentiated scale depending on consumption rates.

The difference between Stabilized prices (SP) and PPA prices will be paid by the MPC fund, to be managed by the Chilean Treasury, which will issue Certificates of Payment (CPs) for up to US\$1.8 billion.

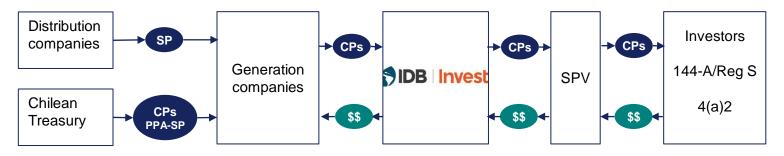
Regulated users will pay the amounts stated in the Certificates of Payment in full by December 31, 2032. The proceeds for the repayment will come from the difference between Stabilized Prices and average PPA prices once these fall below Stabilized Prices.

The full repayment of the Certificates of Payment is secured with a top-up guarantee from the Government of Chile.

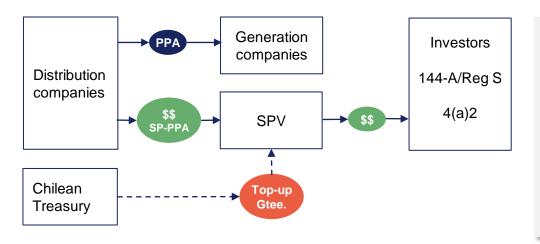
IDB Invest is structuring a financial solution for the purchase of the Certificates of Payment from the generation companies.

Goldman Sachs has been selected to accompany IDB Invest in the financial structuring. Financing will provide for the periodic true sale of the Certificates of Payment from IDB Invest. The price will include interest so that the generation companies receive the face value of the Certificates of Payment.

#### 1.- True sale by Generation Companies of Certificates of Payment issued by Chilean Treasury (CPs)



#### 2.- Repayment of Certificates by Distribution Companies when PPA prices fall below Stabilized Price



- PEC-2 will restore liquidity to generation companies
- CPs will bear interest; i.e., generation companies should receive full nominal amount
- Full repayment by YE2032 guaranteed by Chilean government
- PEC-2 ensures repayment of PEC-1



## Financing activity

## Securing liquidity and funding for our transformation

Dec-2020 - IDB green loan



- US\$110mln funded by IDBI. 9-yr avg
- US\$15mln 12-yr bullet funded by Clean Technology Fund
- Innovative financing contributing to accelerate coal units decommissioning
- Signed in Dec-20, fully disbursed on 27-Aug-21 vigeoeiris

2021/22 Monetization of PEC receivables ("ARs")







US\$158 million received on **US\$222** million of monetized ARs **US\$68** million financial expense

- True sale to SPV of ARs related to price stabilization fund
- SPV funded with US\$489mln 144-A/Reg S bond & US\$419mIn 4a2 delayed draw notes
- Liquidity with no debt increase

Jul-2022 – Scotiabank green loan



#### US\$250 million 5-year loan

- US\$250mln 5-year bullet loan to finance renewable projects
- US\$150 mln disbursed in Jul-22
- US\$100 mln disbursed in Sep-22
- 70% hedged through interest-rate swaps with Banco de Chile

Dec-2022 - Santander green loan



#### **US\$170** million 5-year loan

- To finance acquisition of San Pedro wind farms in Chiloé
- US\$77 mln disbursed in Dec-22
- US\$93 mln disbursed in Feb-23
- 70% hedged through interest-rate swaps

Short-term loans booked in 2022













#### **US\$390** million loans

- 1-vr to 18-month maturities
- To be renewed or refinanced with proceeds of PEC-2 receivables monetization or other long-term funding

2023/24 Monetization of PEC-2 certificates of payment ("CPs")







- True sale of Certificates of Payment related to MPC price stabilization law
- >US\$300mIn liquidity expected in 2023 with no debt increase

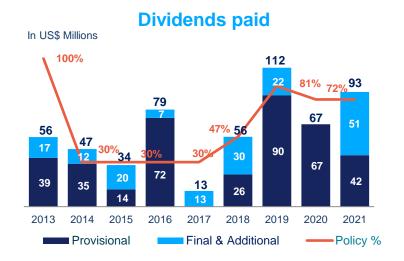
IFC Mandate - Long-term loan



- Mandate for US\$400mln A/B1 amortizing term loan signed
- Corporate financing for renewable projects



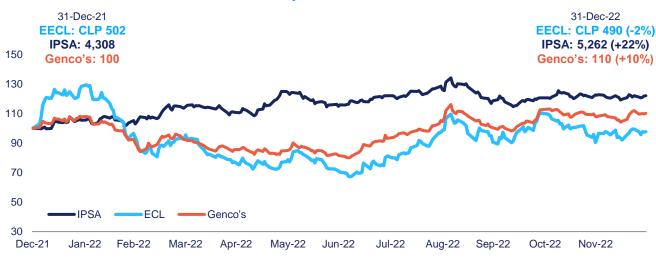
# US\$93 million dividends paid in 2021 No dividends paid in 2022



#### Market cap & dividend yield (\*)



#### **Share price evolution**



Includes dividends

In addition to industry trends, stock prices in the sector were affected by AES Andes' stock purchase offering from its parent AES; Colbún's sale of its transmission business and subsequent dividend payment, and ENEL's sale of transmission assets.



## **Ownership structure**





## For more information about ENGIE Energía Chile





## Disclaimer

Forward-Looking statements



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