



Una empresa del Grupo UNACEM



Compromiso
Carbono negativo
Celepsa

We are Celepsa,
Together, we accelerate the decarbonization
of the planet



Index

- 1 **About us**
- 2 **Peruvian Market**
- 3 **Our operations**
- 4 **Shared value**
- 5 **Financial overview**
- 6 **Celepsa's highlights**



Una empresa del Grupo UNACEM



1 About us



Una empresa del Grupo UNACEM



We are a carbon-neutral power generation and marketing company that is part of **UNACEM Group**. Our primary function is to manage natural resources sustainably and contribute our energy potential to the National Interconnected Electric System (SEIN).

More than electricity,
we offer sustainability 

About us



Grupo
UNACEM

We belong to UNACEM Group, which has a diversified portfolio of cement, concrete, energy and services businesses, with presence in 5 countries: **Peru, Ecuador, Chile, Colombia and USA.**

UNACEM has been committed to sustainability for over 60 years, ensuring growth, development, and value generation in the countries where it operates.



Composition of the shareholders



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10%

90%



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Compañía Eléctrica
San Bernardino



Board members



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Ricardo Rizo Patrón
de la Piedra



Marcelo Rizo Patrón
de la Piedra



Alfredo Gastañeda Alayza



Jaime Sotomayor Bernós



Álvaro Morales
Puppo



Ricardo Cillóniz Champín



Pedro Lerner Rizo Patrón



Jorge Ramírez del Villar
López de Romaña



Executive team



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Nicolás Samardzich
CHIEF BUSINESS DEVELOPMENT
OFFICER



**Carlos Túpac-Yupanqui
Ortega**
CHIEF COMMERCIAL OFFICER



Hugo Acosta
CHIEF OPERATIONS OFFICER



Eduardo Incio
CHIEF LEGAL OFFICER



Ignacio Martinelli
CHIEF STRATEGY AND FINANCE
OFFICER



Patricia Medina
CHIEF HUMAN RESOURCES
OFFICER



Giovanna Valverde
COMMUNITY RELATIONS
MANAGER



Freddy Abanto
PROJECTS AND INFRASTRUCTURE
MANAGER



Lorena Gaviño
SUSTAINABILITY MANAGER



Nicolás Samardzich
CHIEF BUSINESS DEVELOPMENT OFFICE



Purpose

We transform energy into solutions that generate trust, enhance value, and radiate sustainability. Together, we accelerate the decarbonization of the planet.



Aspiration

To be recognized as the top electricity company in Latin America for sustainability.



Values



Safety and Health



Integrity



Sustainability



Commitment



Customer Orientation



Excellence

Our clients

Our clients trust
in a sustainable Peru



Unacem Group
Cements



Oben Group
Group S.A.C.
Plastics



China Yangtze
Power CO
Distributor



BHP Billiton PLC /
Glencore
Mining



Trafigura
Beheer B.V.
Mining



China Southern Power
Grid International CO
Distributor



Pan American
Silver Corporation
Mining



Inversiones
Breca S.A.
Mining



Grupo Energía
Bogotá S.A. ESP
Mining



Hochschild
Mining PLC
Mining



Minera CRC
Mining



Grupo Distriluz
Distributor

91%

Satisfaction of
our clients*
* Survey 2022

Acknowledgments Celepsa



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Carbon neutrality certification

We have achieved a significant milestone in driving the decarbonization of our country. AENOR, an international certifier, has awarded Celepsa with the carbon neutrality certification, making us the first energy generation company in Peru to receive this recognition.

Renewable energy certification

Since 2020, our El Platanal and Marañón hydroelectric power plants have a **Certificate of Renewable Origin Energy** issued by AENOR international, which certifies the clean origin of energy production.

AENOR

CARBONO NEUTRO

AENOR

ENERGÍA DE ORIGEN
RENOVABLE

2 Peruvian Market



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Electric sector

Market overview



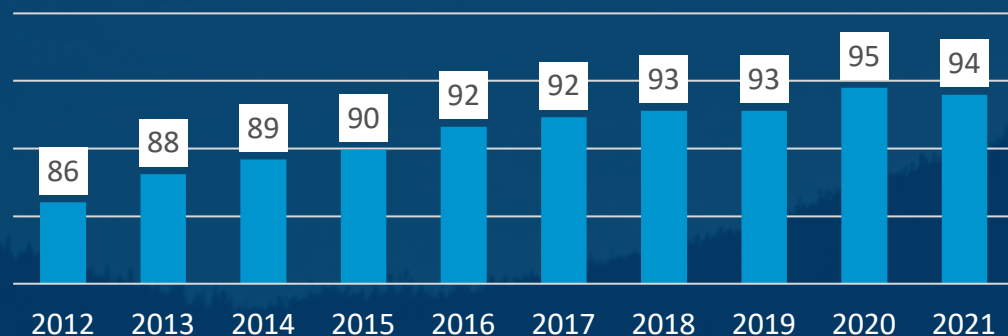
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Overview

- The energy sector in Peru has been dominated by large foreign companies such as Enel, Engie, ISA, and CTG, which entered the country in the 1990s, mainly in the generation and transmission sectors.
- In the past decade, private investment has driven the national electrification rate to almost 95%, marking a significant increase.
- However, despite these recent investments, there is still plenty of room for growth in the sector. Peru's per capita energy consumption is currently only 1.7 MWh, which is considerably lower than its peers in the region, including Chile, Brazil, and Mexico.

National Electrification (%)



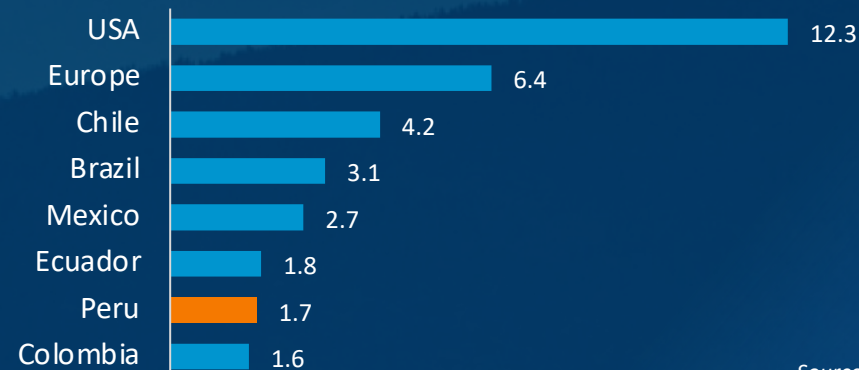
Source: INEI

GDP per Capita by Country 2022 (USD 000)



Source: S&P Capital IQ

Energy Consumption per Capita 2022 (MWh)



Source: Our World in Data

Electric sector

Industry Structure



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Generation

- Free competition is allowed
- Energy prices are determined by supply and demand
- Dispatch to the SEIN is ordered based on marginal costs, prioritizing the lowest cost plants until demand is met.

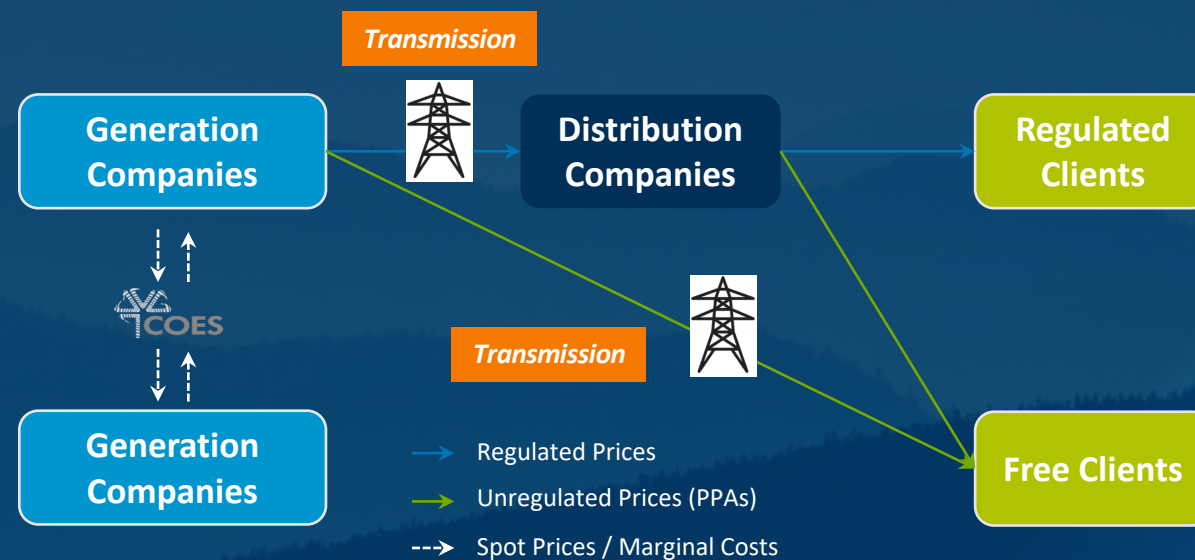
Transmission

- It is considered a natural monopoly, business activity is regulated
- Transmission tolls are determined by OSINERGMIN
- The investments are planned through the Transmission Plan and the projects are tendered and awarded to private companies.

Distribution

- It is considered a natural monopoly, business activity is regulated
- Exclusivity within a geographical area is granted to private companies through concessions
- Regulated customers must be served by the concessionary companies at the price established by OSINERGMIN

Energy Market Structure



Customers	Demand	Description
Regulated	<0.2 MW	Residential and small commercial customers must be served by distribution companies that are subject to price regulation.
Optional	Entre 0.2 y 2.5 MW	They have the option to choose between being regulated or free clients.
Free	>2.5 MW	They can also contract directly with generators at unregulated prices.

Electric sector

Industry Structure



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Generation 	Installed capacity	13,706 MW	32,000 MW	8,734 MW
	Annual Generation	56,084 GWh Hydro 51% Thermal 44% RER 5%	81,990 GWh Hydro 20% Thermal 58% RER 22%	26,850 GWh Hydro 90% Thermal 9% RER 1%
	Key Players	  	  	
Transmission 	Lines of transmission	821 Lines 29,208 km	1,021 Lines 36,635 Km	Lines 12,455 Km
	Key Players	 	  	
Distribution 	Maximum Demand	7,467 MW	11,323 MW	4,244 MW
	Key Players	  	 	

Source: COES, Osinergmin; CNE Chile; Agency for Regulation and Control of Energy Ecuador

Electric sector - Generation

Regulation



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Responsible for the regulatory framework of the sector and the granting of energy generation, transmission and distribution concessions



In charge of regulating and supervising companies in the sector. Set prices for regulated customers



Private institution in charge of real-time and short-term management of the National Interconnected Electric System (SEIN)



Responsible for monitoring and supervision in environmental matters of energy companies



In charge of promoting private investment in the sector and carrying out tenders requested by MINEM



Responsible for guaranteeing free competition in the sector and approving M&A transactions

Electric sector - Generation

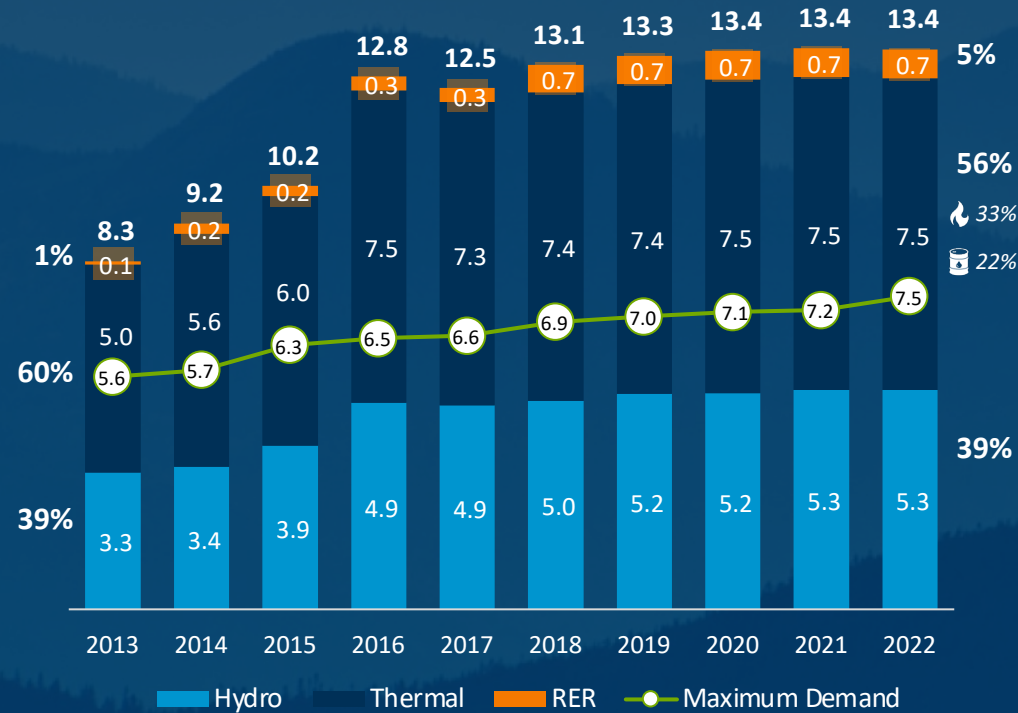
Installed capacity



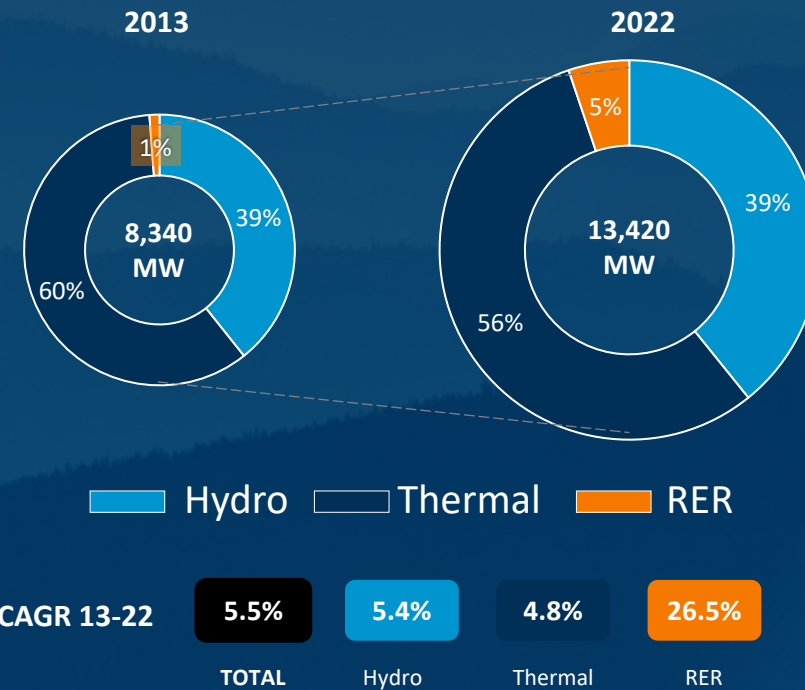
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Market Share Capacity – LTM Jul22



Variation of Installed Capacity 2013 vs Jul-22



Electric sector - Generation

Market Share - Capacity 2022

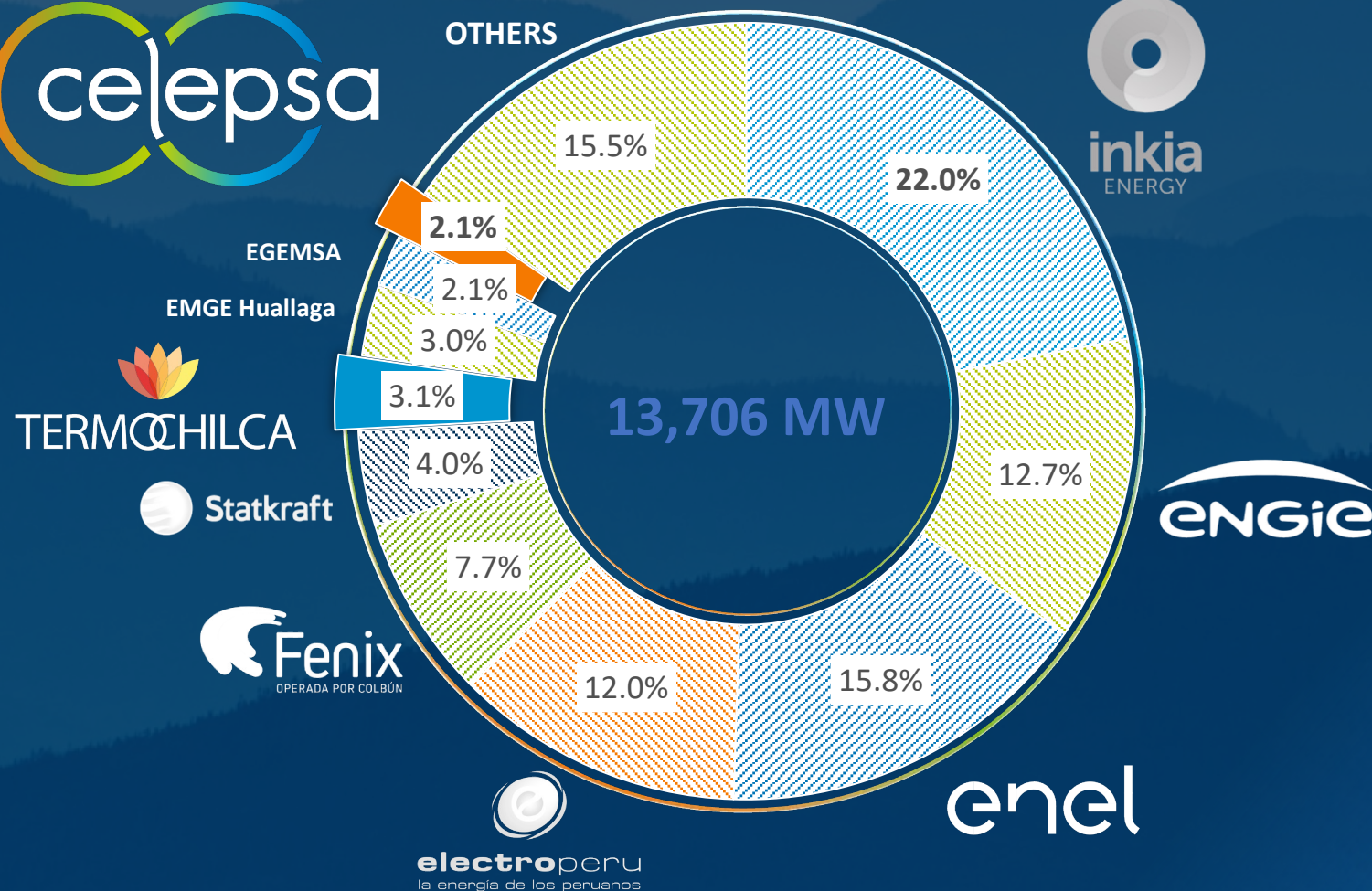


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We have a participation of
5.2%
of the market

Source: COES, Osinergmin

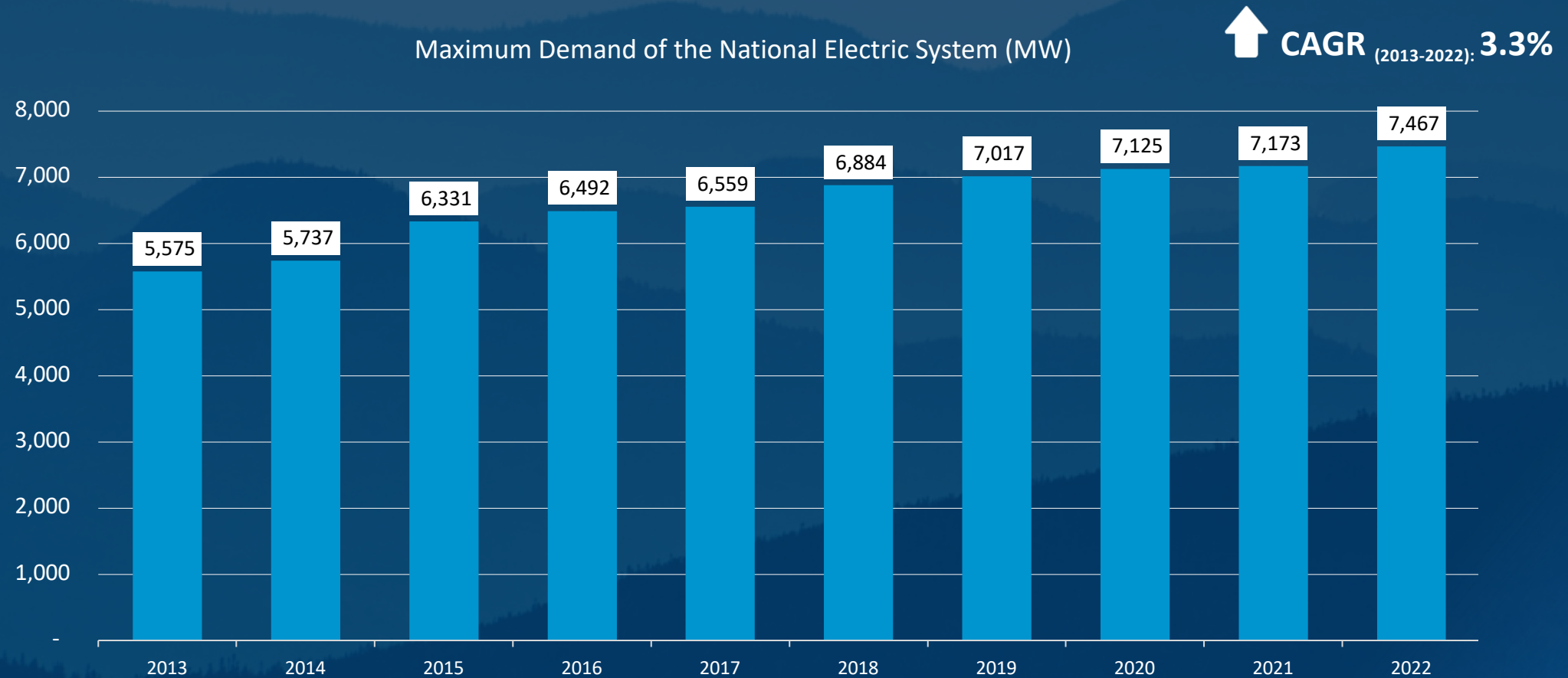


Electric sector - Generation

Demand Evolution



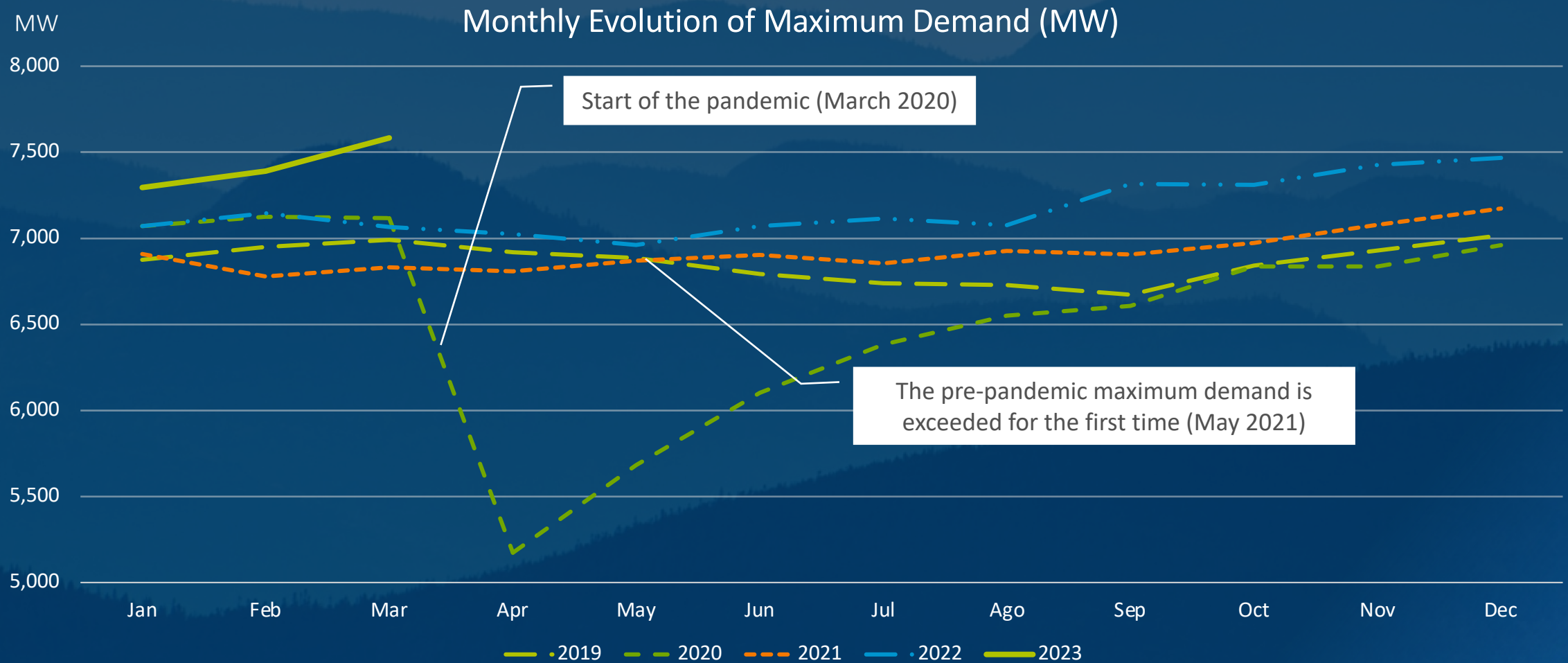
Una empresa del Grupo UNACEM



Source: COES, Osinergmin

Electric sector - Generation

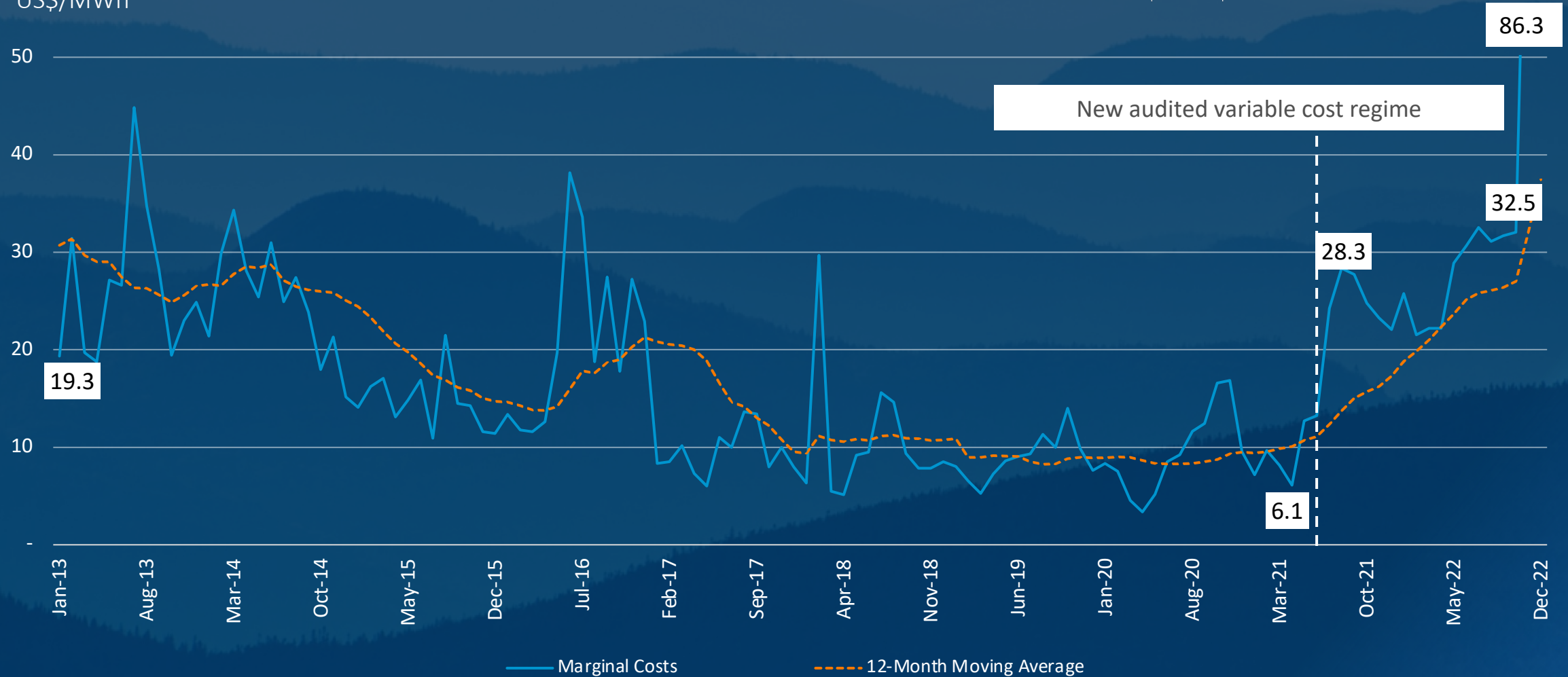
Demand Evolution



Source: COES

Electric sector - Generation

Marginal costs
US\$/MWh



Source: COES

Electric sector - Generation

Market Distribution by Type of Plant



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Hydro Plants

	#	Effective Power MW	Energy GWh	
	2	898	6,755	24%
	5	951	4,827	17%
	6	600	3,274	11%
	1	477	1,696	6%
	12	451	2,259	8%
	2	254	1,238	4%
	2	247	1,180	4%
Others	45	1,324	7,257	25%
TOTAL	75	5,261	28,486	



Thermal Plants

	#	Effective Power MW	Energy GWh	
	5	2,185	5,753	23%
	3	1,942	7,552	30%
	6	1,178	4,504	18%
	1	573	4,321	17%
	1	296	1,715	7%
Others	18	860	1,001	4%
TOTAL	34	7,034	24,487	



Solar Plants

	#	Effective Power MW	Energy GWh	
	1	144	453	55%
	3	56	164	20%
	1	41	112	14%
	2	40	90	11%
	1	1	3	0.3%
TOTAL	8	282	821	



Wind Plants

	#	Effective Power MW	Energy GWh	
	1	132	620	32%
	2	129	712	37%
	2	114	481	25%
	2	37	117	6%
	1	260	0.1	0.01%
TOTAL	8	672	1,903	

Source: COES

Electric sector - Generation

Generation Projects

54 Projects

with approved connection studies

10,752 MW of Capacity



11 Projects
1,020 MW



20 Projects
4,957 MW



23 Projects
4,775 MW



- Projects
- MW

Legend

- Hydroelectric
- Wind
- Photovoltaic
- Thermoelectric
- No Projects
- 1 – 4 Projects
- 5 – 10 Projects
- +10 Projects



Electric sector - Generation

Projects under construction



Commissioning 2023 & 2024



CH San Gabán 206 MW



CSF Clemesí 116 MW



CE Wayra Exp. 177 MW



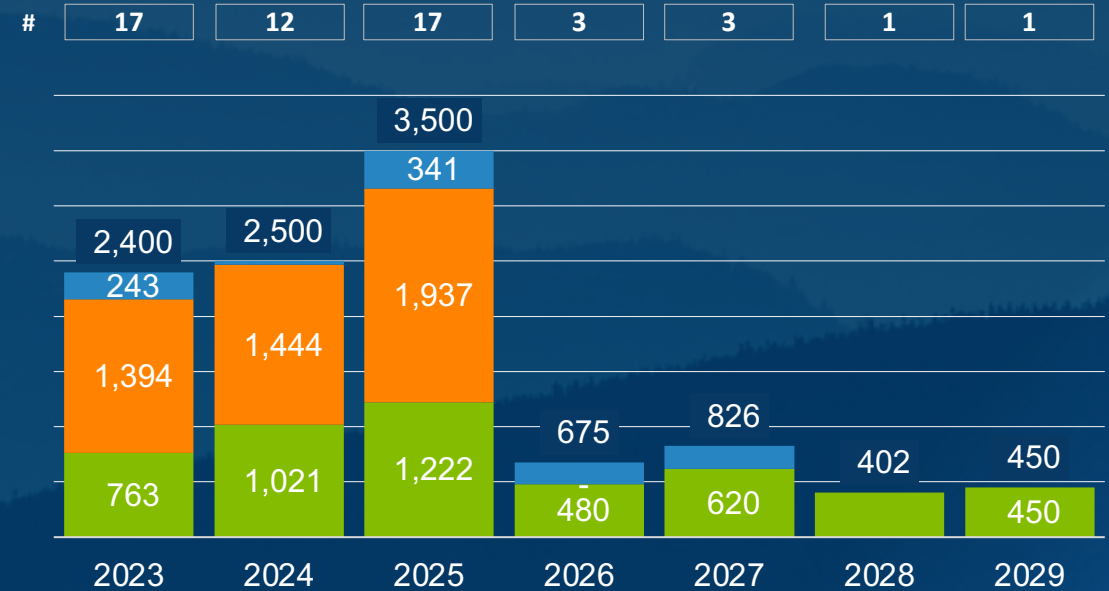
CE Punta Lomitas 260 MW



CE San Juan 131 MW



Capacity Revenue (MW) According to EPO



There are 43 additional projects with a Connection Study under review for a total of 9,869 MW of capacity.

3 Our Operations



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Generation Plants



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Hydroelectric Plant El Platanal

This plant, initiated by Peruvian investors in 1996, is the El Platanal Hydroelectric Power Plant, which comprises the Paucarcocha (67 Mm³) and Capillucas reservoirs and dam, a 12 km-long adduction tunnel, the powerhouse, the El Platanal substation, and the Restitution reservoir



Location :

basin of the river Cañete,
in the provinces of Yauyos
and Cañete.



Effective power:

227.1 MW

Power production (2022):

1041 GWh

Complementary services:

#1 frequency regulation SEIN

Generation Plants



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Hydroelectric Plant **Marañón**

This plant adheres to renewable energy standards and incorporates a sustainable design, enabling it to generate energy every day of the year with a high plant factor. As a result, it significantly contributes to the reliability of the National Interconnected Electric System's power supply.



Location :

Marañón river at 2900 mamsl.
near the town of Nuevas Flores,
province of Huamalíes in Huánuco.



Effective power:

19.9 MW

Power production (2022):

139 GWh

Generation Plants



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Thermal Power Plant **Santo Domingo de los Olleros** (Termochilca)

Simple cycle: This plant is situated in the Chilca district, Cañete Province, and generates electricity using natural gas sourced from Camisea. It features a TG1 turbine-generator unit with an effective power output of 201.435 MW and an efficiency of 38%. It commenced commercial operations in October 2013.

Combined cycle: The plant is equipped with a gas turbine-generator-steam turbine-generator configuration, boasting a total installed capacity of 334 MW. It commenced commercial operations on March 25, 2018.



Location :
Chilca district, Cañete Province, 63.5 kilometers south of Lima



Strategically located in the Chilca energy node, near the Camisea gas pipeline and the transmission facilities of the National Interconnected System.

Effective power:
296 MW

Photovoltaic Solar Power Plant **Solimana**

In November 2022, we obtained the official concession for the Solimana Photovoltaic Solar Power Plant project.

This project, developed in collaboration with Atlantica Sustainable Infrastructure in a 50-50 partnership, marks a significant milestone in our efforts to expedite Peru's decarbonization journey. By harnessing renewable energy resources, we remain committed to driving the transition towards a greener future



Location :
Camana Province,
Arequipa department

Effective power:
250 MW

Solar panels :
+400 000

Partnership :

Atlantica
Sustainable Infrastructure

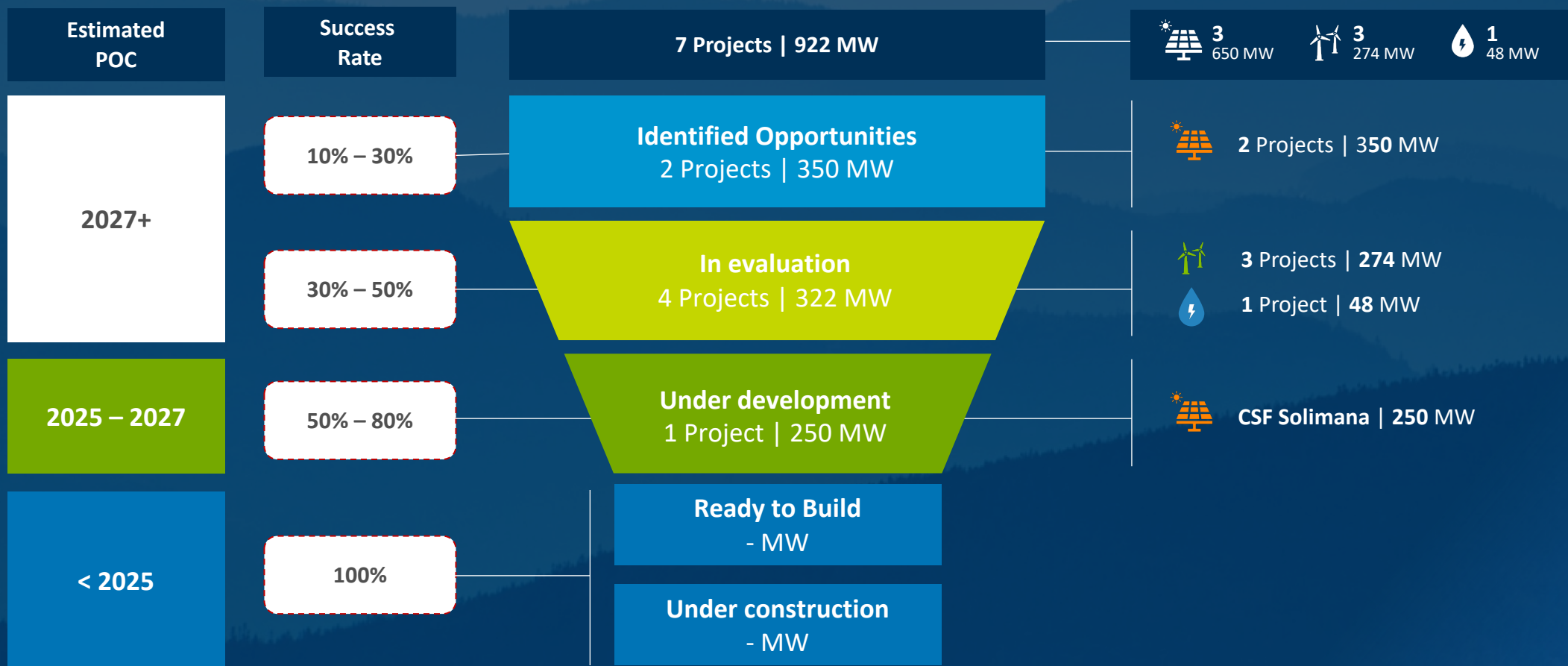




Greenfields projects under development



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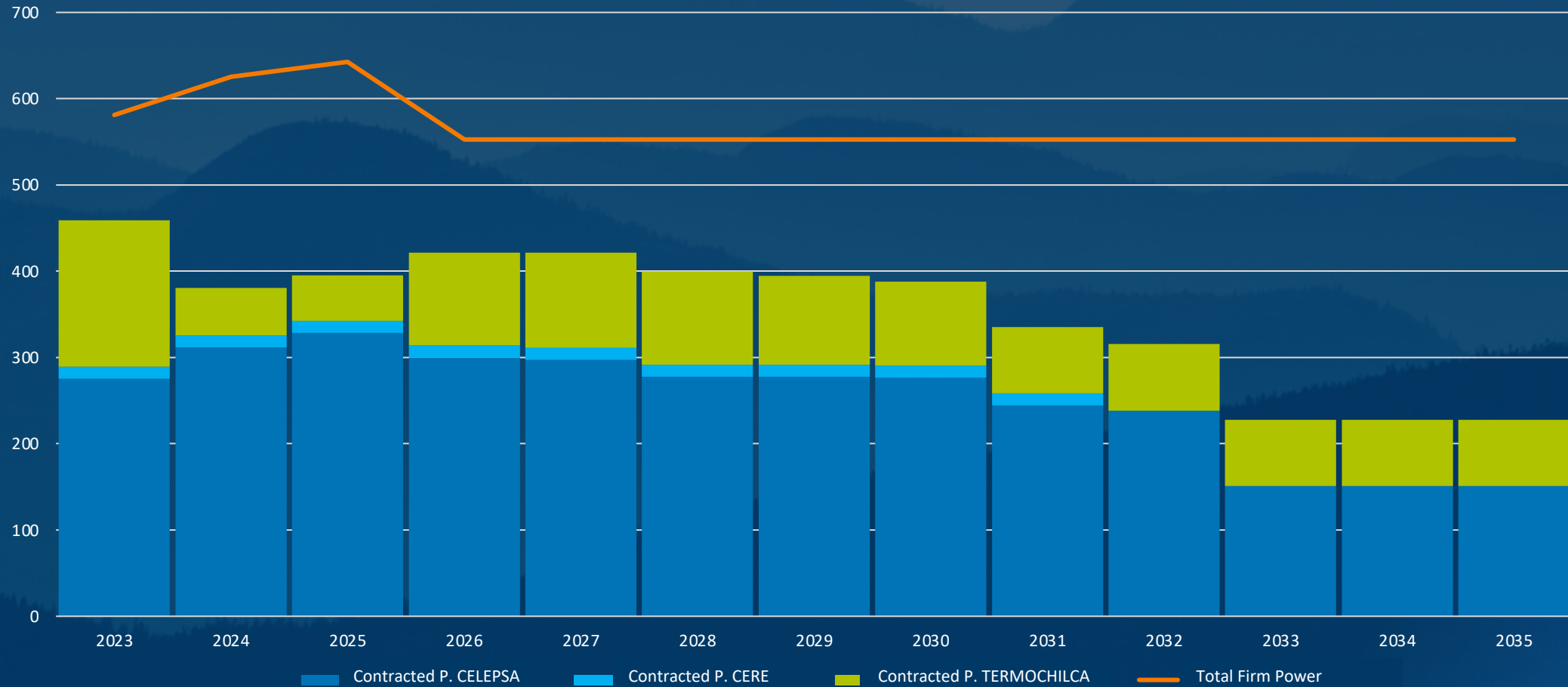
Firm Power



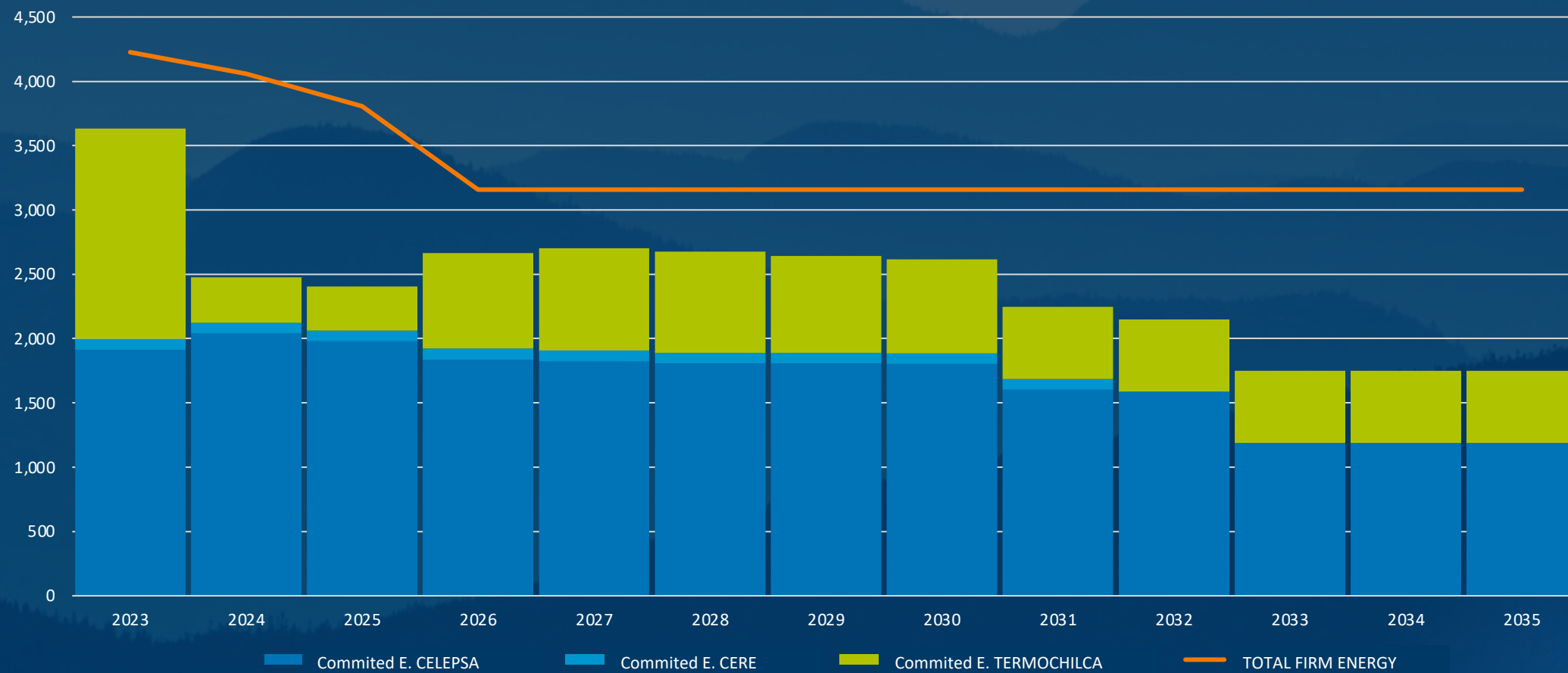
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Contracted Power Vs Firm Power



Committed Energy Vs Firm Energy





Energy injected into the system

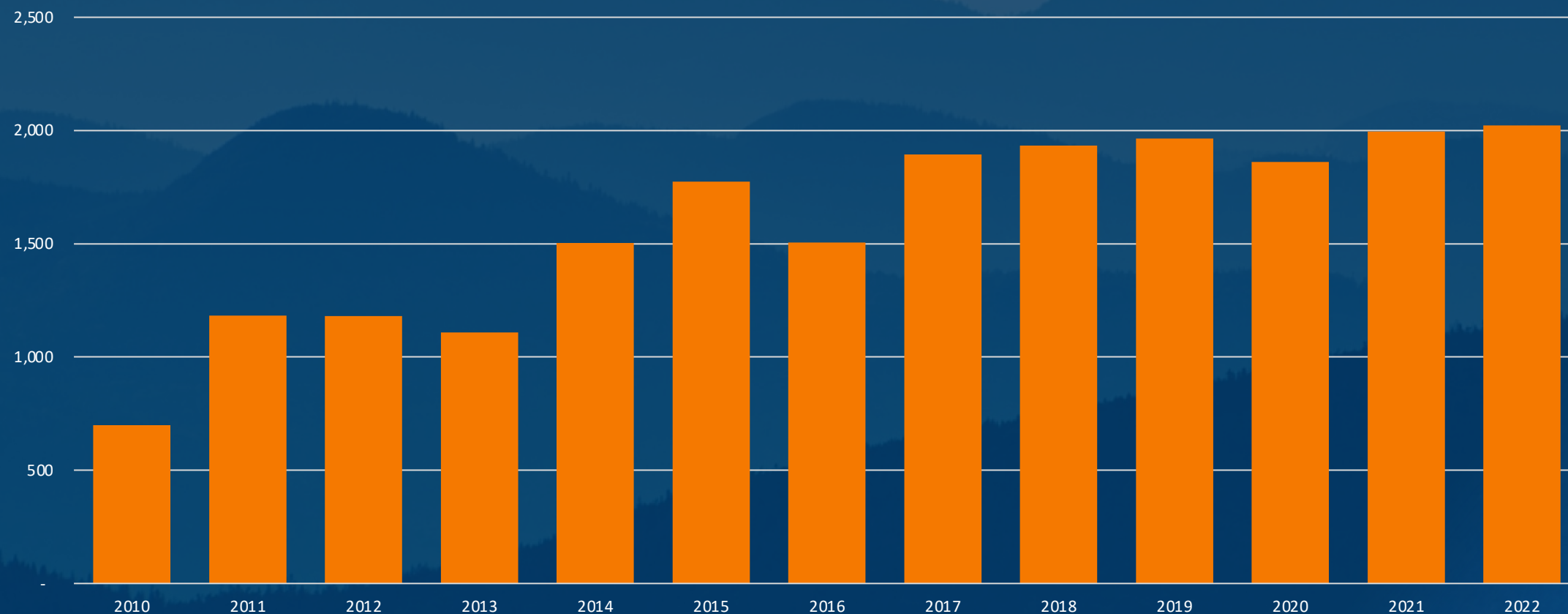


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GWh

Evolution of Energy Production



4 Shared value



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Heading towards Sustainability



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We generate value by acknowledging our stakeholders and striving for a harmonious equilibrium among **economic growth, environmental preservation, and social contribution**



Climate
Change



Well-being and
Value Chain



Water
Assurance



Circular
Cities

6 CLEAN WATER
AND SANITATION



13 CLIMATE
ACTION



7 AFFORDABLE AND
CLEAN ENERGY



17 PARTNERSHIPS
FOR THE GOALS



Heading towards Sustainability



Una empresa del Grupo UNACEM



Climate Change

We promote the transition to a low carbon economy and invest in nature-based solutions.

AENOR

CARBONO NEUTRO

*We are Carbon Neutral –
100% carbon offset emissions*



*6 solutions developed and
running for our clients*



*Patronage of the Nor Yauyos Cochas
Landscape Reserve: +400 ha of
bofedales conserved*



Water Assurance

We diligently and responsibly manage water resources and promote water consolidation.



Program for the Sustainability of the Cañete River:
*We have increased the temporary supply of water by
+196 thousand m³.*



***Cañete River Shrimp Sustainable Development
Program:*** *We increased the shrimp population by
2,187% since 2011.*



Heading towards Sustainability



Una empresa del Grupo UNACEM



Well-being and Value Chain

We generate shared value through our regenerative business model, promoting:

1. Safe and meaningful work for our collaborators.
2. Economic and social development in our suppliers.
3. Sustainable development and progress in our area of influence.
4. Low growth in emissions from our clients.



Life First: + 698 thousand hours without accidents in our collaborators



Educational Excellence Program for employees' children



Insurance for Parents with 100% Celepsa coverage



+80% national suppliers; being 5% local. Development of ESG practices and adherence to the code of ethics



We are committed to sustainable education for people with potential. We award in collaboration with UTEC a full scholarship



Cachuy sewerage and wastewater treatment works



Launch of CIR PariacCasa



Circular Cities

We improve the quality of life of the population with innovative solutions, promoting experimentation and the incorporation of new technologies, promoting circular economy initiatives and promoting the development of ventures that solve the challenges of the energy sector and decarbonization.



University: We sponsor UTEC students, promoting sustainable mobility and innovation through the construction of energy-efficient vehicles



We are sponsors of **Energízate Perú**, a space that promotes innovation in the electricity sector



Entrepreneurship scaling from charging station to business solution.

5 Financial overview



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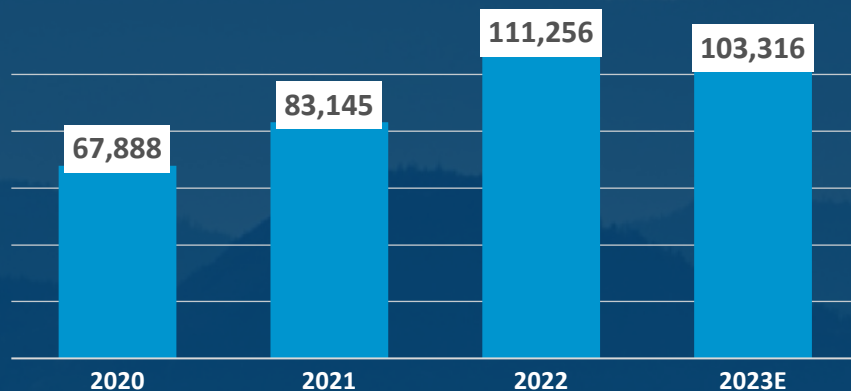
Financial information



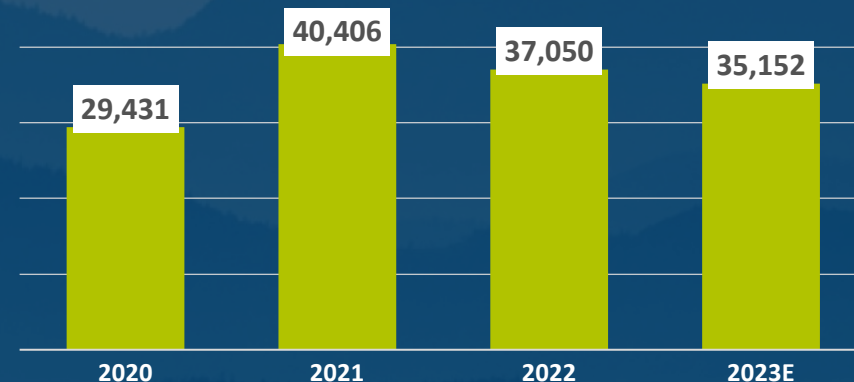
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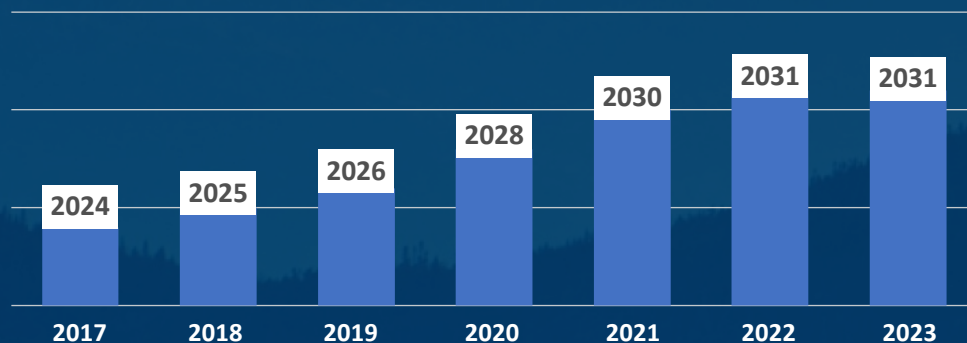
Net Sales (USD 000):



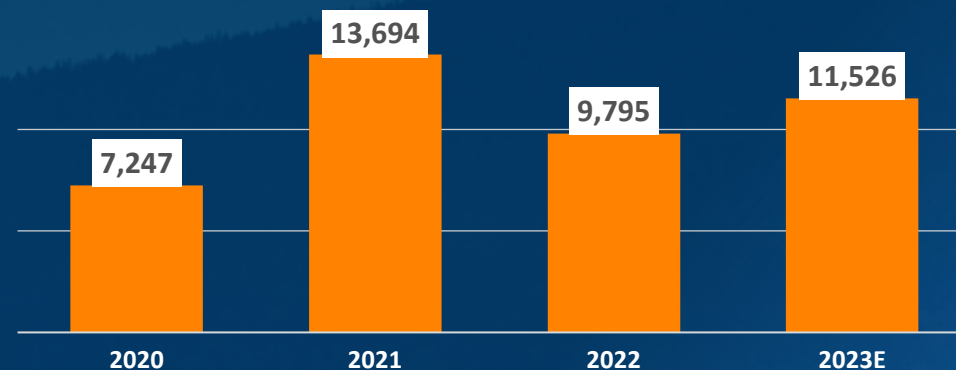
EBITDA (USD 000):



Duration of contracts in the Free Market (year of maturity):



Net Profit (USD 000):





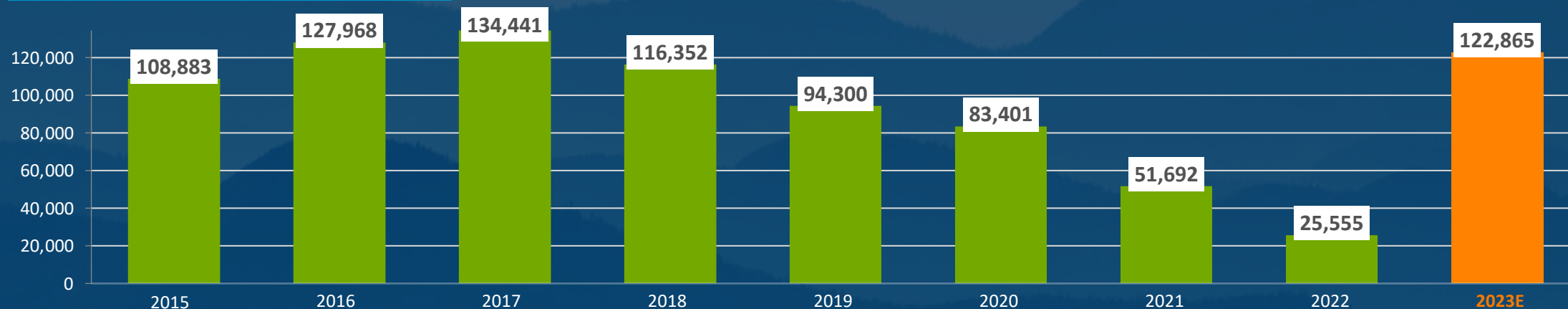
Financial information



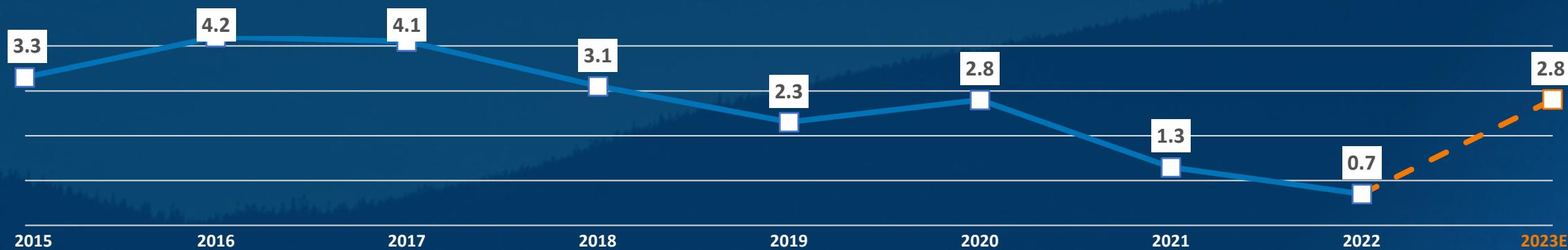
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Financial Debt (USD 000):



Net Debt/EBITDA Ratio:





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6 Celepsa's Highlights





Towards a path of sustainable growth



We are a
company
with shared
value goals



Diversified energy platform leveraged in hydro and thermal sources



With the commitment to be **carbon neutral**



We generate **value** for our clients



We have a **portfolio** of renewable energy projects with growing prospective



We manage a **low level of indebtedness**



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www.celepsa.com