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transelec

The Company



Transelec is Chile's leading electricity transmission company. The company supports a wide range of regulated and free clients throughout the country in the electricity, mining and industrial sectors, who count on the support and excellence of Transelec's integrated transmission solutions.

Transelec applies its extensive experience and knowledge to the development of energy projects. The company has **10,045 kilometers of transmission lines with a total transformation capacity of 19,322 MVA distributed in 69 substations**, across all of the locations where Transelec owns, leases, grants rights or operates substantial transmission facilities in any form. As such, Transelec is a major player in the transmission of electrical energy in the national electrical system from Arica to Chiloé. The company develops and operates electrical infrastructure that allows it to supply electricity to 98% of Chile's population.

Transelec has significant knowledge and experience in the value chain of the electricity transmission industry:

- Initial Project Stage (assessment, conceptual and basic engineering, design of transmission and connection solutions).
- Project Development (project and construction management, commissioning advice)
- Operation, maintenance, and management of new facilities, both owned by Transelec and by its subsidiaries.

Mission

To lead the power transmission business in Chile appropriately, meeting the country's needs and our clients' requirements by developing quality, efficient solutions and operating the system appropriately while upholding high occupational health and safety standards. We create sustainable value for our shareholders, generating relationships of trust with our communities and acting with environmental integrity and sustainability.

Vision

To be recognized as a leading company in terms of knowledge and technology, socially and environmentally responsible, helping to satisfy the country and its clients' power transmission needs.

To grow while adding value to our business through an effective commercial strategy and strong investment capabilities, ensuring competitive returns for our shareholders.

To become an attractive company for high potential professionals, in which human capital makes the difference, creating a culture of high-performance while maintaining operational excellence in our key processes.



Values

EXCELLENCE

EXCELLENCE inspires us to be the leading power transmission company in the country on a daily basis.

Those working at the company have the ability, attitude and commitment to exceed performance expectations, adding value to each of our activities and stages in the production process.

We put excellence at the service of our shareholders, clients, regulatory authorities and the community, responding to market requirements, building trust, contributing to the development of our company and the country, identifying opportunities for improvement, and committing to implement it in our operations and to support the professional and personal development of employees.

COMMITMENT

COMMITMENT to the company's achievements.

We are committed to the objectives and achievements of the company we are proud to belong to, taking responsibility for our decisions and their results.

We are also committed to meeting the company's financial, operational and social challenges, as well as safety requirements for our operations, taking care of people, facilities, services and the environment.

We consider all members of our organization, their families, the local community and society in general, in order to contribute to sustainable human development while increasing the value of our company and our contribution to society.

RESPECT

RESPECT for people, communities and the environment are the foundation of all our relationships, on a personal and professional level.

We always act with respect and consideration for others.

We promote the ability to listen, and to understand and consider the perspectives of others, with respect to the diversity in our team. We execute appropriate work practices, in compliance with the company's policies.

INTEGRITY

INTEGRITY is the foundation of our actions and decisions.

We act ethically and are honest and transparent in our relationships with co-workers, shareholders, authorities, clients, suppliers and the community.

We are consistent with our values, generating trust among the members of the organization and credibility with the rest of society. We will consistently respond to commitments made to ensure that our company's objectives are met.

1943

Corfo created Empresa Nacional de Electricidad (Endesa) in order to execute a national plan featuring the construction of new power generation units and especially a network of regional power transmission lines.

1966

Another important milestone was the construction of the first 220 kV transmission line, the Rapel-Cerro Navia line, which connected the Rapel Power Plant to central Chile, satisfying the growing power demand.

1993

Endesa transformed its Power Transmission Division into the subsidiary Compañía Nacional de Transmisión Eléctrica S.A., followed by the creation of Transelec S.A., which was designed to plan, operate and maintain the system. In addition, the aerial crossing of the Chacao Channel was commissioned, consisting of two 179-meter towers and of 2,680 meter long power transmission lines.

1996

Transelec built its first 220 kV transmission line between Charrúa and Ancoa to connect the Pangué power plant (460 MW), which was later upgraded to connect the Ralco power plant.

2000

All Transelec shares were purchased by the Canadian company Hydro-Québec.

2003

Transelec entered the SING power grid after purchasing 924 kilometers of 220 kV transmission lines.

1955

The SIC power grid (Central Interconnected System) was created by connecting the newly built Cipreses Power Plant using 154 kV power transmission lines, thus linking consumption centers in Santiago and Concepción.

1978

The interconnection in the north of Chile was enhanced with power transmission lines connecting San Isidro (currently known as Quillota) and Cardones. In the early 1980s, the SIC power grid was extended as far as Diego de Almagro in order to connect the El Salvador mining company, while 220 kV power transmission lines were extended as far as Puerto Montt in southern Chile.

1965

A submarine cable (currently an aerial cable) was laid across the Chacao Channel, supplying power to Isla Grande de Chilo for the first time.

1986

The era of extra high voltage started with the commissioning of the first 500 kV power transmission lines (Ancoa-Alto Jahuel 1 and 2). These were essential for the injection of power generated by the Colbún-Machicura complex into the SIC power grid.



2004

The largest power transmission development project in history was completed: upgrading the system between Charrúa and Alto Jahuel to 550 kV, thus facilitating the connection of the Ralco hydroelectric power plant (690 MW).

2006

The Canadian consortium comprised of Brookfield Asset Management (BAM), Canada Pension Plan Investment Board (CPPIB), British Columbia Investment Management Corporation (BCI) and the Public Sector Pension Investments (PSP) purchased 100% of Transelec's shares, contributing to the company's solid financial strength to meet Chile's growth requirements.

2008

Energization of the 500 kV Alto Jahuel-Polpaico double circuit transmission line brought an end to northbound network saturation and was largely responsible for the creation of a 500 kV ring surrounding Santiago, which was essential for the system's future.

2010

Transelec purchased the Punta Colorada substation from Barrick Gold to consolidate its presence in the mining sector. In addition, Transelec commissioned the Las Palmas substation, which is the core wind power provider to the SIC power grid.

2014

At a ceremony attended by President of the Republic Michelle Bachelet, Transelec commissioned its National Transmission Operation Center (CNOT), which enabled the operation of our facilities to be centralized in real time in keeping with the highest standards.

2015

The Lo Aguirre sectioning substation featuring total capacity of 1,000 MVA was commissioned to boost power supply to the Metropolitan Region and to enable potential future connection of direct current transmission lines.

2018

China Southern Power Grid (CSG) purchased shares held by BAM in March, making CSG shareholder of the 27.79% interest in Transelec. Transelec share ownership was consequently comprised of CPPIB, BCI, PSP and CSG.

Transelec powered up the new 2x220 kV Lo Aguirre – Cerro Navia transmission line 07 November 2018, the only power line featuring a section with underground transmission line.

2019

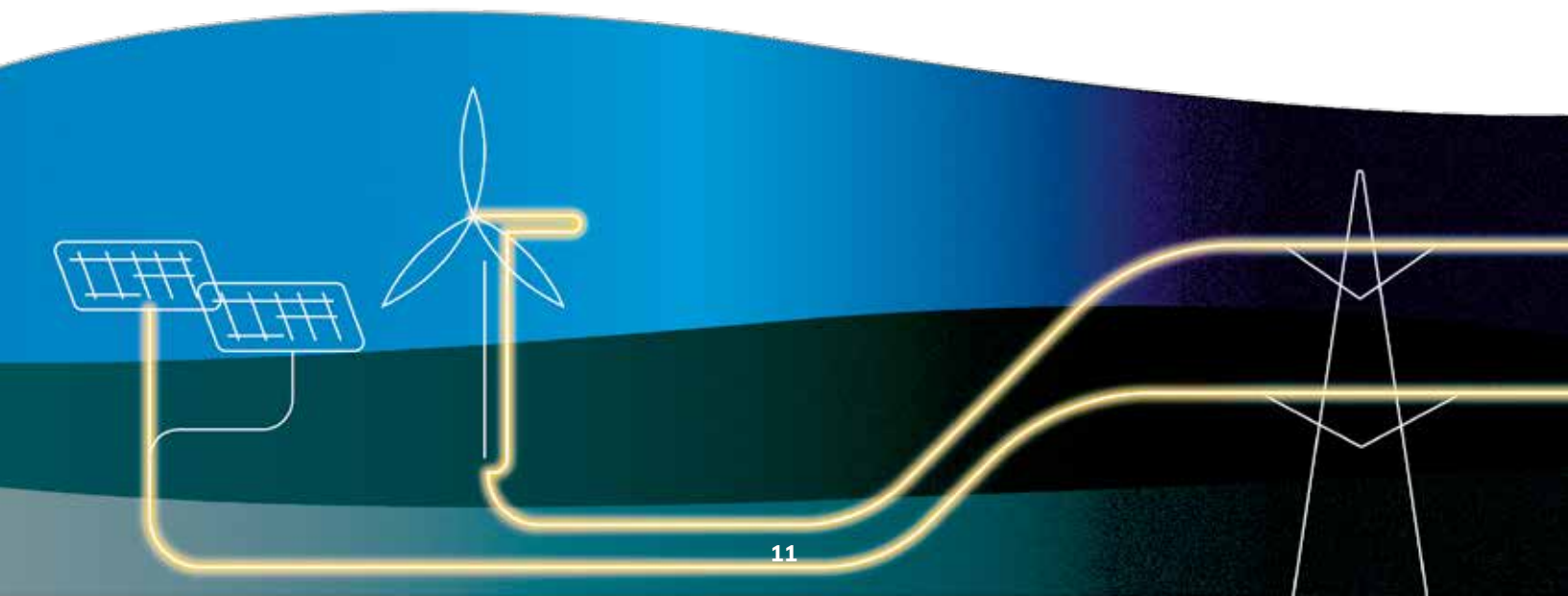
Transelec reached its lowest accident and loss rate over the last ten years.

2020

Transelec developed Pulse, a digital platform for energy certification and traceability based on blockchain. The platform provides visibility for and promotes the role of renewable energy sources.

2021

Transelec **commissions transmission solutions** for important renewable projects as Atacama Solar, Río Escondido and Puelche Sur Wind Farm.



Transelec's Transmission System Map

