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CELSIA

La energía que quieres

Emerging risks

 GRUPO ARGOS
Inversiones que transforman



90 AÑOS

Impacts

- High initial costs for investment in technological updating in the different assets of the company
- Entry of new competitors with innovative proposals that may reduce our income
- Increased exposure to systemic events due to possible unknown technological failures
- Loss or damage of assets, kidnapping of critical information or interruption of the operation due to new types of cyberattacks associated with emerging technologies
- Use of new technologies to propagate decontextualized or false information about the company that affects the relationship with interest groups

Opportunities for the company

- Optimization of processes in operation and maintenance that result in reduced expenses and greater profitability
- Improving efficiency in analytics and data management used for the company's strategic decision making
- Implementation of new business models that add value to our products and services

Accelerated incorporation of new technologies throughout the value chain of electric energy services

In the energy sector, the emergence of new technologies such as the Industrial Internet of Things (IIoT), artificial intelligence, blockchain and advances in automation and robotics, present a panorama of growing uncertainty regarding their incorporation, adaptation and appropriate use. in the sector. This risk can impact not only the company's processes and productivity, but also its interaction with consumers, with data, and with technology itself.



Mitigation actions

- Attraction of talent and training of collaborators in new technologies and artificial intelligence
- Creation of working groups for research, development, monitoring and innovation of the incorporation of new technologies in the sector
- Exploration of new cybersecurity schemes with emerging technologies to add to the current insurance policy
- Assistance to clients in the adoption and adaptation to new technologies in the provision of electric energy service

Impacts

- Alterations in the company's income and profitability due to the volatility of residential and commercial demand
- Changes in energy consumption could require variations in operating costs or investments in infrastructure and technology to adapt to new demand.

Opportunities for the company

- Possibilities for expansion into new markets, such as rural or developing areas, where energy demand is growing.
- Development of innovative products and services that meet the specific needs of different segments of the population

Global, regional and local demographic changes that generate new energy consumption patterns

Changes in the forms and dynamics of energy consumption as a result of transformations in the global, regional and local population structure derived from countries with a larger middle class, new ways of being a family and community, migratory dynamics, a longer population and increasing concentration of population in urban habitats and megacities. These trends are transforming electricity demand and challenging the traditional business models of electric utilities.



Mitigation actions

- Monitoring and analysis of energy consumption trends at a global, regional and local level through statistical and market studies to identify the needs and preferences of current and potential customers.
- Investment in research and development for the implementation of new technologies and solutions that allow us to meet customer needs in a more efficient and sustainable way.
- Collaboration with academic, government and other companies to develop solutions that respond to the challenges of demographic change.

