Electro Generadora del Austro S.A. (ELECAUSTRO)
Cuenca, Ecuador
www.elecaustro.com.ec

## Industry:

Utilities

## Annual Revenue:

US$16 million

## Employees:

130

## Oracle Products & Services:

Oracle Database Standard Edition
Oracle Application Server
Oracle Developer Suite

## Oracle Partner:

Palacios Software
www.palaciossoftware.com

**"Oracle Database Standard Edition, Oracle Developer Suite, and Oracle Application Server are solid, reliable applications that have enabled us to provide quick and secure access to up-to-date information. We've also tripled the volume of information we manage and accelerated the time needed to gather data for analysis by 80%, which lets us take timely action."** – Carlos Freddy Morales, Chief, Information Systems Department, Electro Generadora del Austro S.A. (ELECAUSTRO)

# Electro Generadora del Austro Centralizes Information and Accelerates Data Collection Time by 80%

Electro Generadora del Austro S.A. (ELECAUSTRO) generates electricity using hydraulic and thermal power. It sells some or all of its production in the Ecuadorian market, as allowed by law. It provides approximately 42% of the demand for electricity in the provinces of Cañar, Azuay, and Morona Santiago.

## Challenges

- Implement a scalable, robust, reliable IT infrastructure with easy-to-manage applications to support the company's growth
- Create a robust database to handle large volumes of transactions related to its clients' power use
- Centralize information on production and generation at thermal and hydroelectric plants to accelerate delivery of up-to-date information to decision makers
- Reduce IT maintenance costs

## Solution

- Worked with Palacios Software, an Oracle Partner, to implement a reliable, scalable, high-availability IT platform to support the company's growth
- Migrated to Oracle Database Standard Edition, providing excellent database performance and allowing the company to triple the amount of historical and transactional client information it handles
- Centralized administrative and production information from its thermal and hydroelectric plants, providing management with quick, secure access to up-to-date information
- Improved synergy and communication among four thermal and hydroelectric plants, facilitating strategic decision making
- Facilitated planning for daily thermal and hydroelectric power production, optimizing fuel usage
- Accelerated the time needed to collect data for analysis by 80%
- Reduced IT maintenance costs through consolidation and standardization by over 50%



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