

Siemens partners with CPFL Energia to digitalize Brazil's electricity sector

- **CPFL Energia Group (Companhia Paulista de Força e Luz) distributors to modernize 1.6 million smart meters for residential customers by 2029**
- **The project aims to digitalize the electricity sector and proactively meet regulatory demands**
- **Siemens' Gridscale X Meter Data Management (MDM) software will be used to ensure reliable power supply to approximately 400,000 consumers per year**

Siemens Smart Infrastructure and CPFL Energia, one of the largest energy distributors in Brazil, have joined forces to transform the Brazilian electricity sector with a new smart metering project. The initiative will be one of the most ambitious of its kind in Brazil to date, replacing around 1.6 million conventional meters with smart meters in the state of São Paulo by 2029.

With 10.7 million customers in 687 municipalities, CPFL Energia is pioneering digitalization and operational efficiency through smart meter data management. This technology offers greater quality, transparency and efficiency in the use of electricity. Among the main benefits is the improvement in the management of power supply interruptions, enabling consumers to monitor their own consumption and encourage changes in usage to reduce electricity costs and promote more mindful energy consumption.

"In partnership with Siemens, our goal is to proactively meet future regulatory demands and optimize the power grid to support the energy transition," said Evaldo

Baldin, CPFL Energia's Engineering Director. "The implementation of smart meters will bring a new, more transparent, connected and higher-quality consumer experience. By digitalizing the grid, we will be able to optimize processes and improve efficiency and operational management."

Sabine Erlinghagen, CEO of Siemens Grid Software, added: "Digitalization is vital to creating a sustainable and resilient energy future. Using Siemens' technology, CPFL Energia will be able to improve its operational efficiency, as well as offer economic benefits and a reliable energy supply to household consumers. The implementation of smart meters not only improves grid management, but also significantly contributes to reducing carbon emissions."

Siemens Technology: Gridscale X Meter Data Management

Siemens' Gridscale X Meter Data Management imports and processes vast amounts of data to provide critical insights into energy consumption. Automatic validation and quality data enables utilities to provide accurate billing, and customize rate plans as well as proactively stabilize energy usage, advance loss detection, manage devices, and integrate easily throughout a utility's operations. With the growing need to optimize operations and improve communication with customers, the system offers a robust set of tools that enable intelligent management of the data collected by the meters. The system integrates with Enterprise Resource Planning (ERP) and other applications, using machine learning to identify fraud, optimize costs, and reduce interruptions.

This press release as well as a press picture are available [here](#).

For more information on Siemens Smart Infrastructure, please see [Siemens Smart Infrastructure](#).

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Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings, and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions, and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2024, the business had around 78,500 employees worldwide.

Siemens AG (Berlin and Munich) is a leading technology company focused on industry, infrastructure, mobility, and healthcare. The company's purpose is to create technology to transform the everyday, for everyone. By combining the real and the digital worlds, Siemens empowers customers to accelerate their digital and sustainability transformations, making factories more efficient, cities more livable, and transportation more sustainable. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a leading global medical technology provider pioneering breakthroughs in healthcare. For everyone. Everywhere. Sustainably. In fiscal 2024, which ended on September 30, 2024, the Siemens Group generated revenue of €75.9 billion and net income of €9.0 billion. As of September 30, 2024, the company employed around 312,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at www.siemens.com.