

Press Release

Inauguration of the First Low Voltage Regulation System (LVRSys®) at Siemens' Sub-Saharan Africa Data Centre in Midrand, South Africa

A. Eberle Africa enhances Power Stability with LVRSys® Installation at Siemens Data Centre

Midrand, South Africa – (March 7, 2025) – A. Eberle Africa (Pty) Ltd. in Durban, South Africa, in partnership with A. Eberle GmbH & Co. KG Nuremberg, Germany, proudly announces the inauguration of its first Low Voltage Regulation System (LVRSys®) at Siemens Sub-Saharan Africa. This milestone event, held at Siemens (Pty) Ltd. in Midrand, marks a significant step in improving power stability and efficiency within critical infrastructure and ultimately strengthening South Africa's electrical grid.

The LVRSys® system is a cutting-edge solution designed to regulate voltage fluctuations, optimize grid performance, and ensure a stable electricity supply. Developed in Germany and tailored for the South African market, this technology mitigates power disruptions, supports energy-intensive industries, and fosters sustainable energy practices.

Advancing Grid Stability Through Innovation

The inauguration event brought together key industry leaders to underscore the importance of advanced grid solutions in South Africa's energy sector. Notable attendees included German Ambassador Andreas Peschke, along with hosts Sabine Dall'Omo, CEO of Siemens Sub-Saharan Africa, and Marco Rahner, Sales Director of Siemens Smart Infrastructure.

A. Eberle Africa's Managing Directors, Till Sybel and Brian Howarth, demonstrated how LVRSys® enhances power reliability, while Prof. Ephraim Nhlanhla Mbuli (UNISA) shared insights into smart grid applications. Claudia Ardelean (German Energy Agency) elaborated on the role of the Renewable Energy Solutions Programme (RES Programme) in fostering sustainable power initiatives. A guided tour showcased Siemens' Micro Grid System alongside the LVRSys® application.

Supported by Germany's Federal Ministry for Economic Affairs and Climate Action (BMWK) under the RES Programme, this project signifies the beginning of a broader collaboration to expand LVRSys® deployment across South Africa, fortifying grid resilience and energy efficiency.

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A Eberle Africa (Pty) Ltd

Company reg. 2022/251346/07

Directors

BE Howarth, T Sybel,
T van der Walt,
N Ramlutchman-Nel

Looking Ahead

The event concluded with a networking session, providing industry professionals with an opportunity to explore potential collaborations and future applications of LVRSys® technology. With South Africa's ongoing transition toward a more resilient power infrastructure, A. Eberle Africa remains committed to driving innovation and sustainability in the energy sector.

For more information, visit: www.a-eberle.co.za/res-project.html

About A. Eberle Africa (Pty) Ltd.

A. Eberle Africa (Pty) Ltd. is the African subsidiary of A. Eberle GmbH & Co. KG, specializing in power quality, transformer monitoring, and voltage regulation solutions tailored for the African market. The company is dedicated to enhancing grid stability, optimizing energy efficiency, and supporting sustainable infrastructure development across the continent. Through strategic partnerships and local expertise, A. Eberle Africa is committed to addressing the unique challenges of power distribution in the region.

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This project is supported by the German Federal Ministry for Economic Affairs and Climate Action as part of the Renewable Energy Solutions Programme of the German Energy Solutions Initiative

Supported by:



Federal Ministry
for Economic Affairs
and Climate Action

Implemented by:



on the basis of a decision
by the German Bundestag

German Energy Agency (dena)

The German Energy Agency (dena) is a centre of excellence for the applied energy transition and climate protection. dena studies the challenges of building a climate-neutral society and supports the German government in achieving its energy and climate policy objectives. Since its foundation in 2000, dena has worked to develop and implement solutions and bring together national and international partners from politics, industry, the scientific community and all parts of society. dena is a project enterprise and a public company owned by the German federal government. dena's shareholder is the Federal Republic of Germany.

<https://www.dena.de/en/>

German Energy Solutions Initiative

With the aim of positioning German technologies and know-how worldwide, the German Energy Solutions Initiative of the Federal Ministry for Economic Affairs and Climate Action (BMWK) supports suppliers of climate-friendly energy solutions in opening up foreign markets. The focus lies on renewable energies, energy efficiency, smart grids and storage, as well as technologies such as power-to-gas and fuel cells. Aimed in particular at small and medium-sized enterprises, the German Energy Solutions Initiative supports participants through measures to prepare market entry as well as to prospect, develop and secure new markets.

<https://www.german-energy-solutions.de/GES/Navigation/EN/Home/home.html>

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Renewable Energy Solutions Programme (RES Programme)

With the RES programme, the German Energy Solutions Initiative of the Federal Ministry for Economic Affairs and Climate Action (BMWK) helps German companies in the renewable energy and energy efficiency sectors enter new markets. Within the framework of the programme, reference plants are installed and marketed with the support of the German Energy Agency (dena). Information and training activities help ensure a sustainable market entry and demonstrate the quality of climate-friendly technologies made in Germany.

<https://www.german-energy-solutions.de/GES/Redaktion/EN/Basepages/Services/dena-res.html>

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