

## High-Precision Solution for the Swedish Energy Internet

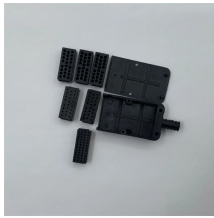


### Overview

Started in December 2011, and completed in June 2022, it was a partnership of academia, industry and public utilities, with major funding from the Swedish Energy Agency and from corporate partners that include major manufacturers and utilities. Hitachi Energy will deliver five grid connection solutions featuring SF<sub>6</sub>-free EconiQ® gas-insulated switchgear (GIS) to Svenska kraftnät. From left to right: Tobias Hansson (Hitachi Energy), Thomas Pålsson (Svenska kraftnät), Niklas Persson (Hitachi Energy), Lars Nordén (Svenska kraftnät), and Andre. SweGRIDS is the Swedish Centre for Smart Grids and Energy Storage. Swedish property company Stena Fastigheter has partnered with LoRaWan Internet of Things (IoT) network operator Netmore Group to implement LoRaWan technology across its property. To withdraw your consent, click “Manage cookies” in the footer of any page. The Swedish Energy Agency's mission is to ensure that society has the energy it needs and to shape the fossil-free energy system of the future. We monitor, analyse and support a secure energy supply in the transition to a. Svenska kraftnät is responsible for developing the transmission grid and the electricity market so as to meet society's need for a secure, sustainable and economic electricity supply.

Governance, choice of pathways, and potential conflicts of interest need to be.

## High-Precision Solution for the Swedish Energy Internet



In this report, the Swedish Energy Agency outlines its prioritised initiatives for research and innovation in the energy sector for the period 2025-2028.



These solutions are designed to meet performance requirements while supporting the reliable delivery of electricity to one of Europe's fastest-growing urban regions.



We monitor, analyse and support a secure energy supply in the transition to a fossil-free energy system. Now and in the long term.



New network technology solutions such as wide-area monitoring and control and smart metering infrastructure is strengthening Sweden's stable and reliable grid and allowing a growing start-up ...



Swedish property company Stena Fastigheter has partnered with LoRaWan Internet of Things (IoT) network operator Netmore Group to implement LoRaWan technology across its property ...



The project supports datacenters, power- and micro-grids with methods to transform the energy system. With energy and data science competencies at the RISE ICE group, interdisciplinary ...



Swedish property company Stena Fastigheter has partnered with LoRaWan Internet of Things (IoT) network operator Netmore Group to implement ...



Key features of the energy internet such as energy sources, communication technologies, data computation, energy management systems and financial analysis are highlighted to enhance ...



Svenska kraftnät has released three versions of its system development plan to provide a comprehensive overview of the future development of the power system.



With a proactive approach to innovation, efficiency, and resilience, the Swedish electricity grid is well-positioned to meet the demands of a dynamic and evolving energy market, ensuring a stable and ...



Some one hundred scientists have worked within SweGRIDS, on development of electric power grids that can reliably and economically handle higher proportions of renewable generation and ...

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://indzawo.co.za>

Email: [sales@indzawo.co.za](mailto:sales@indzawo.co.za)

Phone: +27 71 296 8473

Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

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