



Elcoline TGS-Sahala

Advanced One Stop
Shop for turbine island
and heat exchangers

elcoline

TGS-Sahala



Trusted expertise

We combine deep turbine, generator, and heat exchanger expertise with a full industrial service platform. Across the Nordics, we support energy companies and industry, providing reliability, extending equipment lifetime and securing safe, efficient operation.

Steam & gas turbines

Full-scope maintenance and modernisation, with expertise that covers a wide range of turbine technologies and manufacturers. Specialised workshop in Naantali, Finland.

Generators

Full-scope maintenance and modernisation to prevent and minimise downtime, including complete rotor and stator repairs. Specialised workshop in Västerås, Sweden.

Control, protection, automation

Modern monitoring and protection systems are essential for flexible and efficient operation. A key enabler for improved visibility, reliability and safety.

Heat exchangers

Strong experience and offering in heat exchangers, with workshop in Varkaus, Finland, and expertise to deliver both new equipment and demanding repair solutions.

Best partner throughout your assets' lifecycle

Power production is evolving rapidly. Assets are ageing and operational demands are increasing.

When it comes to lifetime management of rotating main equipment and heat exchangers, we act as a true one-stop partner.

From condition assessment and maintenance planning to overhauls, modernisations and long-term service agreements, we deliver tailored solutions based on your plant's actual condition and operational priorities.

Our approach ensures higher availability and performance, while reducing lifecycle costs, controlling risk levels, and enabling predictable maintenance.

Long-term partnerships for performance and reliability

Long-term service agreements ensure continuity and optimal lifecycle management. With a partner who knows your equipment and history, you benefit from:

- Continuous condition monitoring
- Planned maintenance and spare parts management
- Early corrective actions
- Faster response in critical situations

Strong support for energy transition

With our expertise, you will:

- Extend asset lifetime
- Maintain high availability
- Improve efficiency and flexibility
- Adapt to changing energy systems

As part of Elcoline, we bring deep turbine island and heat exchanger excellence into a broader industrial service offering. Together we provide complete industrial technical services for maintenance and modernisation.

As an independent service provider, we work across multiple OEM technologies and platforms. This allows us to define the optimal technical solution for each plant and combine technologies where beneficial. We focus on performance, not vendor constraints.

**OEM-independent.
Solution-driven.**



Workshops and local support in the Nordics

Our capabilities are built on strong Nordic presence and specialised workshops, ensuring fast response times and reliable execution close to the customer.

Our full-scope turbine and heat exchanger workshops are located in Finland, generator workshop and balancing facilities in Sweden. Local services are supported by engineering and site teams.

Our comprehensive turbine, generator, and heat exchanger services include

Turbines

- Inspections, maintenance and major overhauls
- Upgrades and modernisations
- Re-blading, sealing solutions and component repairs
- Root cause analysis and lifetime assessments
- Owner's engineering and investment planning

Control, protection and automation

- Control and protection system upgrades
- Automation modernisations
- Fast-response maintenance and support
- Performance optimisation and system integration

Generators

- Inspections, maintenance and major overhauls
- Diagnostics based on known failure modes
- Rewinding, balancing and component repairs
- Spare parts manufacturing and delivery
- Upgrades and modernisations

Heat exchangers and pressure equipment

- Design, manufacturing and maintenance
- Inspection, repair and refurbishment services
- Manufacturing and maintenance of pressure vessels
- Lifecycle services ensuring reliability, efficiency and compliance

Why choose us?



Deep turbine island
and heat exchanger
expertise



OEM-independent
engineering
approach



Proven track record
across multiple
technologies



Strong safety and
quality culture



More than
1,000 industrial
professionals



Strong local
presence and rapid
response capability

TGS-Sahala is part of Elcoline Group.

Elcoline is a Nordic growth company that delivers technical services to the industrial sector. The company operates in mining and metals, marine, energy, defense, and process industries in Finland and Sweden, as well as globally through long-term maintenance contracts.

Elcoline's team of 1,000 professionals specialises in demanding industrial maintenance, servicing, and installation work, including condition monitoring as well as heat exchanger, turbine, and generator maintenance and upgrades. Furthermore, specialised components for customer projects are manufactured in company's own workshops.

Finland: Joensuu • Kitee • Kouvola • Kuopio • Laukaa • Mäntyharju • Naantali • Oulu • Puhos • Pyhäjoki • Raahе • Rauma • Riihimäki • Savonlinna • Turku • Vantaa • Varkaus

Sweden: Arboga • Degerfors • Karlskoga • Norrköping • Västerås

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