

# CLIMEON ORC SYSTEMS DELIVER PROVEN ENERGY EFFICIENCY GAINS AT NEO GROUP

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**Climeon's HeatPower 300 systems installed at NEO GROUP's PET resin production facility in Lithuania have reached their first scheduled two-year service interval, marking an operational milestone for Climeon's latest ORC platform in industrial application. During 2026, the systems have maintained approximately 99% operational availability, contributing to NEO GROUP's energy efficiency strategy and enabling reliable on-site electricity generation.**

## **Proven Energy Savings from Industrial Waste Heat at NEO GROUP**

The HeatPower 300 systems installed at NEO GROUP's PET resin production facility have now generated on-site electricity from industrial waste heat for over two years of operation, reinforcing NEO GROUP's commitment to sustainable and efficient production.

Following an initial commissioning and optimization period, the systems have maintained approximately 99% operational availability while demonstrating stable performance under varying process conditions, including fluctuations in heat source temperatures and flow rates.

The installation generates approximately 2,700 MWh of electricity annually, utilizing excess heat that would otherwise be lost by removing it through cooling systems. The recovered electricity is used on-site, therefore this directly reduces NEO GROUP's purchased electricity demand, contributes to cost optimization, and supports the company's decarbonization objectives.

*"Improving energy efficiency and reducing the environmental footprint of our operations is important for NEO GROUP. This installation enables us to recover additional value from our production processes without adding complexity to our daily operations – we can turn waste heat into a valuable energy resource while improving overall efficiency. The combination of reliable performance and close collaboration with Climeon allows us to stay focused on our core business while continuously advancing our sustainability objectives," – said Kęstutis Narmontas, NEO GROUP Research & Technology Manager.*

## **Supporting NEO GROUP's Energy Efficiency and Sustainability Goals in a Changing Industrial Landscape**

Industrial facilities across Europe and globally are facing increasing pressure to improve industrial energy performance as electricity costs, grid constraints and emissions-related requirements continue to affect industrial competitiveness. At the same time, large amounts of excess heat generated during industrial processes often remain underutilized.

Climeon's low-temperature Organic Rankine Cycle (ORC) technology enables NEO GROUP to recover waste heat from condensed process steam without impacting the core production processes, turning previously unused heat into a valuable resource. For NEO GROUP, investments in energy efficiency solutions play an important role in maintaining industrial competitiveness while reducing environmental impact. This aligns with broader EU energy efficiency initiatives and supports NEO GROUP's long-term sustainability strategy.

*"The successful operation at NEO GROUP clearly demonstrates how industrial companies can turn waste heat into a valuable energy resource to improve energy efficiency and strengthen competitiveness," said Lena Sundquist, CEO of Climeon. "References like NEO GROUP are important because they demonstrate long-term performance, reliability and measurable business benefits that industrial companies look for when evaluating new technologies."*

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**About Climeon AB**

Climeon is a Swedish product company operating within the energy technology sector. Climeon's proprietary technology, the Climeon HeatPower system, uses an Organic Rankine Cycle (ORC) process to convert low-temperature heat into clean, carbon free electricity. Providing access to dependable and cost-effective sustainable power, HeatPower enables industries to increase energy efficiency, decrease fuel consumption, and reduce emissions. As a non-weather-dependent source of green energy, HeatPower has the potential to diversify and safeguard the renewable energy mix and, therefore, accelerate the global transition to a net-zero future. Climeon's B shares are listed on the Nasdaq First North Premier Growth Market. FNCA Sweden AB is a Certified Adviser. Learn more at [climeon.com](https://climeon.com).

**Image Attachments**

[Climeon HeatPower300 NEO GROUP Industrial Waste Heat Recovery](#)

**Attachments**

[Climeon ORC Systems Deliver Proven Energy Efficiency Gains at NEO GROUP](#)