



INTRODUCING

POWER EYE

THE FIRST PREDICTIVE ANALYTICS SERVICE
FOR AIR INTAKE FILTERS & GAS TURBINES



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Revolutionize Gas Turbine Management with New PowerEye™ Advanced Predictive Analytics Service

October 27, 2020 – Camfil Power Systems introduces PowerEye™ – the industry's first predictive analytics service that quantifies the impact of ambient conditions on the performance of air inlet filtration and combustion turbines. These insights drive higher power output and reduce operational expenses.

PowerEye analytics provides:

- Turbine performance data
- Prediction of day-ahead power output
- Pressure drop trends and predictions
- Most economical filter replacement recommendations (patented technology)
- Optimal offline water wash schedules

The PowerEye engine provides specialized analysis because it pulls from Camfil's proprietary filtration knowledge base. With years of field-testing experience on a variety of filter types, Camfil has developed algorithms to predict how different filter and atmospheric conditions will react and affect the performance of gas turbines.

Armed with intelligence from PowerEye, operators can conduct predictive maintenance and address potential issues before they become costly problems resulting in downtime and equipment failure.

PowerEye data is delivered through an annual service subscription that is backed by an experienced team of Camfil filtration specialists. These experts provide actionable reports, valuable analysis and critical insights into the status of filters and the performance of gas turbines. Three different subscription levels are available – Lite, Pro and Max – to best accommodate the needs of the operation and budget.

“The information that PowerEye delivers lets power plant operators to maintain better control of their facilities and helps them to make strategic decisions to improve power output across the fleet,” said Marc Van den Eynde, Vice President Global Sales and Marketing, Camfil Power Systems.

PowerEye pulls data from three main sources – Camfil's proprietary PowerEye Air Monitoring Station telemetry device (installed at each facility); the facility site historian and online weather services. Data is securely transferred back to the central PowerEye Server for analysis, then run through the PowerEye Predictive Analytics Engine. The PowerEye engine calculates the impact of ambient conditions on the performance of air inlet filtration and combustion turbines and gives actionable maintenance recommendations to increase plant profitability.

Up to 25 users per site can access PowerEye data and predictions via a web-based dashboard. This user-friendly dashboard makes it easy to monitor

multiple assets across fleets to spot trends and quickly identify underperforming assets, enabling operators to take appropriate action.

For more information, visit www.camfil.com/PowerEye .

About Camfil Power Systems

Camfil Power Systems provides intelligent air solutions for maximum predictability and minimum complexity. The company specializes in air inlet and acoustical systems for turbomachinery, including gas turbines, generators, industrial air compressors and diesel engines. Its engineering experts design the best filtration and acoustical solutions to protect this high-value equipment and to meet the priorities and requirements of original equipment manufacturers (OEMs), engineering procurement construction companies (EPCs), operators, and end users. Camfil Power Systems is part of the Camfil Group, a world leader in the development and production of air filters and clean air solutions, with 30 manufacturing sites, six R&D centers, and local sales offices in 30 countries. For information or to contact a Camfil Power Systems representative, use the [Contact Locator](#) or email info.gt@camfil.com.

For more than half a century, Camfil has been helping people breathe cleaner air. As a leading manufacturer of premium clean air solutions, we provide commercial and industrial systems for air filtration and air pollution control that improve worker and equipment productivity, minimize energy use, and benefit human health and the environment. We firmly believe that the best solutions for our customers are the best solutions for our planet, too. That's why every step of the way – from design to delivery and across the product life cycle – we consider the impact of what we do on people and on the world around us. Through a fresh approach to problem-solving, innovative design, precise process control and a strong customer focus we aim to conserve more, use less and find better ways – so we can all breathe easier.

The Camfil Group is headquartered in Stockholm, Sweden, and has 30 manufacturing sites, six R&D centres, local sales offices in 30 countries, and 4,800 employees and growing. We proudly serve and support customers in a wide variety of industries and in communities across the world. To discover how Camfil can help you to protect people, processes and the environment, visit us at www.camfil.com.

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