

Press release

Intelligent data for predictive wind monitoring: GP JOULE SERVICE takes over the engineering service provider eta DYNAMICS

In this way the range of services is expanded to include essential areas of turbine monitoring and data analysis for wind farms and operating managers

Reußenköge, 17 July 2023

GP JOULE Service GmbH & Co. KG takes over the expert service provider eta DYNAMICS: The newly founded GP JOULE Service Engineering GmbH provides consulting engineering services as well as the competences of an inspection and monitoring body. The managing directors are Roman Wolff, managing director of eta DYNAMICS, and Stefan Jensen of GP JOULE SERVICE.

eta DYNAMICS specialises in preventing and diagnosing damage to wind turbines. Based in Germany and with an international customer base, the company has made a name for itself in particular in the field of SCADA (Supervisory Control and Data Acquisition) data analysis and condition monitoring, enabling plant managers to support operational risk management through state-of-the-art technology and years of experience.

Markus van Hümmel, managing director GP JOULE SERVICE, explains: "We are very pleased about this gain in know-how, because eta DYNAMICS is one of the industry leaders when it comes to monitoring wind turbines thanks to its highly specialised range of products. With Roman Wolff and Stefan Jensen, we also have a team which possesses decades of experience in the field of wind turbine technology and turbine monitoring. I am proud to take this step together with both of them in order to offer exactly the additional services that are needed to operate wind turbines in a forward-looking and thus cost-optimised manner."

Roman Wolff: "In future, eta DYNAMICS' customers will benefit both from the usual services and from the broad experience and extensive service network that the GP JOULE Group has at its disposal in the entire field of renewable energies. I am therefore very happy to have found a stable and reliable partner for our customers."

Technical upgrades for even better life cycle monitoring

With the acquisition of eta DYNAMICS GmbH, GP JOULE SERVICE is expanding its portfolio of services in the competence fields of inspection bodies, monitoring bodies and consulting engineering services in the wind energy sector.

The services provided by the **inspection body** include turbine inspections, gearbox endoscopies, damage monitoring and the inspection of the support structure and rotor blades by drone and rope access technology.

The **monitoring centre** carries out professional machine diagnostics with reliable condition monitoring of the drive technology, rotor and structural dynamics.

In addition, the engineering team will accompany customers with services such as technical project due diligence and **SCADA data analyses**.

Thanks to these specialised services, all services that are crucial for the life cycle of wind turbines can be provided professionally. The entire range of services is optimised using digitalisation techniques such as machine learning from the field of artificial intelligence - for predictive, proactive monitoring.

The next steps

The customers of eta DYNAMICS have already been informed about the merger. In the coming weeks, the merger will be completed organisationally. Parallel to the wind industry trade fair HUSUM WIND, GP JOULE SERVICE ENGINEERING will present its offers and services in detail.

GP JOULE at HUSUM WIND 2023

GP JOULE will be at the HUSUM WIND 2023 trade fair from 12 to 15 September: The integrated energy supplier will show how a sustainable transformation towards 100% renewable energy works for everyone at stand A13 in hall 5. GP JOULE supplies companies, communities and entire regions sustainably and safely with electricity, hydrogen, heat and mobility. This is how GP JOULE is realising the energy turnaround - holistically, regionally and in practice. Always 100% renewable.

Images



Caption 1: Stefan Jensen and Roman Wolff, managing directors of GP JOULE Service Engineering GmbH, and Markus van Hümmel, managing director of GP JOULE Service GmbH & Co. KG (from left to right)



Caption 2: GP JOULE is expanding its range of services to include essential areas of turbine monitoring and data analysis for wind farms and operators.

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About GP JOULE

As an integrated energy supplier, GP JOULE is active in all areas of the energy value chain: from generating to using energy, from consulting to financing and project planning to construction and service. GP JOULE produces and markets wind and solar power, green hydrogen and heat and makes use of it where it is most effective: in electric and hydrogen-based mobility, in households and in industry. GP JOULE has been shaping the future of energy in Europe from Germany since 2009. With the aim of delivering a secure, independent and sustainable supply of energy. 100 % renewable energy for all.

GP JOULE was awarded the German Mobility Prize 2022 for the hydrogen mobility project eFarm.

Press contact

Jörn Kruse
Corporate Communications
GP JOULE Group
j.kruse@gp-joule.de
Tel. +49 (0) 4671-6074-213
Mobile +49 (0) 160-1540265

