

PRESS RELEASE

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GRAM & JUHL A/S & DEIF WIND POWER ENTERING A STRATEGIC COLLABORATION TO SUPPORT DEIF'S WIND TURBINE CONTROLLER WITH TCM[®]

DEIF Wind Power Technology and Gram & Juhl A/S have entered a strategic partnership to provide TCM[®] for DEIF's wind turbine controller. The worldwide used TCM[®] solution from Gram & Juhl will be an integrated part of the controller retrofit package from DEIF Wind Power Technology.

DEIF Wind Power Technology develops high quality standard solutions to optimise turbine pitch control, such as the pitch drive - Integrated Motor Drive, IMD 100, and pitch components for wind turbines. Gram & Juhl is known for the worldwide used TCM[®] (Turbine Condition Monitoring) solution that extract data based on vibration measurement to determine the turbines health status and provide recommended actions for optimal maintenance scheduling.

The motivation for the two companies entering the cooperation is to unleash the full potential of optimal operation and maintenance of wind turbines. DEIF is to offer the complete technology package needed for wind turbine owners or service providers, including the TCM[®] system from Gram & Juhl. Furthermore, Gram & Juhl will offer remote monitoring.

"The strategic partnership has the potential, by close integration between the controller and the TCM[®] condition monitoring system, to unleash synergies with respect to optimal operating points and fatigue costs including estimation of remaining useful lifetime of the wind turbine. This will benefit the wind turbine owner" said CEO of Gram & Juhl, Axel Juhl.

About DEIF Wind Power Technology

DEIF Wind Power Technology is a part of the DEIF Group. DEIF A/S was established in Denmark in 1933, today the DEIF Group is a global market leader in green, safe and reliable control solutions for decentralised power production on land or at sea. DEIF Wind Power Technology develops pitch control technology and customised control system solution.

About Gram & Juhl A/S

Gram & Juhl A/S is the leading CMS supplier worldwide with TCM[®] system installed in more than 22,200 wind turbines and 80% of all offshore turbines. Gram & Juhl supply CMS solutions, systems and sensors for monitoring wind turbines to reduce wind turbine downtime and increase wind energy production. Gram & Juhl is a global company providing the TCM[®] (Turbine Condition Monitoring) platform and monitoring services with more than 22k installations worldwide.

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