



PRESS RELEASE

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Terra-Gen chooses DEIF for controller upgrades on Pacific Crest Wind Farm

The independent power producer Terra-Gen upgrades 20 Vestas* V47 wind turbines on their Pacific Crest wind farm located in Tehachapi, California, with a control retrofit solution from the Danish company DEIF.

The increased demand for competitive power production and the rapid development in the wind industry necessitates that older turbine models such as the Vestas V47 are equipped to meet today's performance standards.

DEIF's control retrofit solution extends the turbine lifetime and optimizes the turbine performance in terms of variable speed concepts, extended cut-out and adaptive power setpoint. So far, 20 Vestas V47s on the Pacific Crest Wind Farm will be retrofitted.

"We strive to run our turbines efficiently – at the lowest cost. The Pacific Crest Wind Farm is a high wind site and the cost of downtime is critical. So, with the controller upgrade and thus performance optimizations, I am convinced that we will extend turbine lifetime, reduce our downtime and increase the revenue of the total wind farm", states Ward Scobee, Chief Operating Officer at Terra-Gen.

With a DEIF retrofit control solution for Vestas V47, the turbines can operate without the VRCC and at the same time run above 600 kW and as close to the rated power level as possible. For Terra-Gen the retrofit solution from DEIF means that they have no VRCC related costs such as spare parts, lost production due to downtime and derating and they aim to reach a 3-year ROI.

"The upgrade of the turbines on Pacific Crest Wind Farm sets new standards for lifetime extension, performance optimization and secures availability without the VRCC", states, Jean Felber, Sales and Business Development Manager at DEIF.

Best regards,

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** Vestas is a trademark of Vestas Wind Systems A/S. The Trademark owner is not associated with DEIF's products or services.*

About DEIF

With a vision to be the wind industry's preferred retrofit partner, DEIF is determined to develop innovative retrofit solutions to both old and newer turbines. With the proven controller upgrade to the V47 turbine, DEIF optimizes the customers' existing fleets.

With the options to increase the power production and ensure operation beyond design life, the controller upgrade is one element of our overall refurbishment solution for those looking into repowering their current assets.