

## **MEDIA ADVISORY**

May 17, 2016

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## **Vestas chooses Mita-Teknik for controller upgrades in North America**

Vestas has signed an agreement with Mita-Teknik to market controller upgrades for wind turbines in North America, including the V47 turbine.

With a vision to be the industry's preferred fleet-wide service partner, Vestas is determined to develop innovative service solutions to both old and new turbines. With the new controller upgrade to the V47 turbine, Vestas demonstrates a continuous devotion to our customers' existing fleets.

As the wind turbine industry progresses with a rapid pace, it is critical that older turbines are equipped to meet today's performance standards. Increased demands for competitive power production means that older turbines such as the V47 need to be enabled to catch up with the advancements within wind power technology. The new controller upgrade enables several performance enhancing upgrades, lifetime extension solutions, as well as improved monitoring and data collection.

The controller upgrade has been developed in partnership with Mita-Teknik, a leader within wind turbine control systems. Vestas always looks to collaborate with other technology leaders to offer our customers superior service solutions. Mita-Teknik's technological expertise and commercial maturity has proven to be a strong fit for that vision.

By joining forces, Vestas and Mita-Teknik combine innovative controller systems with PowerPlus™ upgrades to offer customers a competitive business case for upgrading existing assets. Specifically, Power Uprate can be installed to bring the nominal power from 660kW to 710kW, representing an AEP improvement up to 4.5%. Extended Cut Out can be installed to increase the cut out speed from 56 mph to 63 mph, delivering an AEP gain of over 1%.

Upgrading the controller also enables LifePlus™ solutions. The first Vestas V47 turbines are nearing the end of their original design life of 20 years. LifePlus™ is a life extension solution which allows V47 turbines to operate beyond original design life and fleet owners to benefit from additional years of revenue.

With the options to increase the nominal power 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 to obtain PTC extension.

Vestas' rapidly growing service business is built on cutting-edge technology application and a dedication to offer customers the best and most efficient service solutions in the market. Together with Mita-Teknik, Vestas has developed an innovative solution to improve the business case of V47 owners, once again demonstrating our commitment to support our customers throughout the lifetime of their fleet.