

March 14, 2013

**FILED WITH
Executive Secretary
October 10, 2014
IOWA UTILITIES BOARD****Subject: Service Life of Siemens Wind Turbine Generators**

Siemens' wind turbine generators are designed by Siemens and certified by DNV based on the industry IEC standard 20 year design life requirement. Siemens' wind turbine generators go through a rigorous design process that often includes prototype testing before full scale production releases are made to the market. As a result, Siemens wind turbine generators have a proven industry track record of high reliability and availability.

Due to the nature of the materials applied in the wind turbine generators it is generally acknowledged that the 20 years design lifetime will in most cases be exceeded. As a real-life example of asset lifetime, from the years 1983 to 1990, approximately 1,000 Bonus wind turbine generators, which are the building blocks for the current Siemens wind turbine generators, were installed in California and approximately 94% of these are still in operation today. The few of those 1,000 Bonus wind turbine generators that are no longer in operation were decommissioned for repowering or due to avian migration reasons.

Based on this history, one could reasonably assume that if a Siemens' wind turbine generator is operated and maintained correctly, such wind turbine generator could successfully operate for up to 30 years.

However, Siemens is unable to guarantee or warrant an operating or design life for its wind turbine generators and the above does not constitute and shall not be deemed to constitute such a guarantee or warranty.

In addition, Siemens can offer various service programs for its wind turbine generators of up to 30 years in duration

Regards,



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