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Development of a Superconductive Wind Power Generator within the EcoSwing project

Thursday 31 August 2017 16:00 (40 minutes)

The EU-funded EcoSwing project aims at demonstrating world's first superconducting low-cost and lightweight wind turbine drivetrain demonstrated on a large-scale wind turbine. This prototype generator is planned to operate in the second half of 2017. The main design considerations for this synchronous generator will be explained. Further the focus is on the superconductive coils made of 2G superconductor and the cryogenic infrastructure.

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