

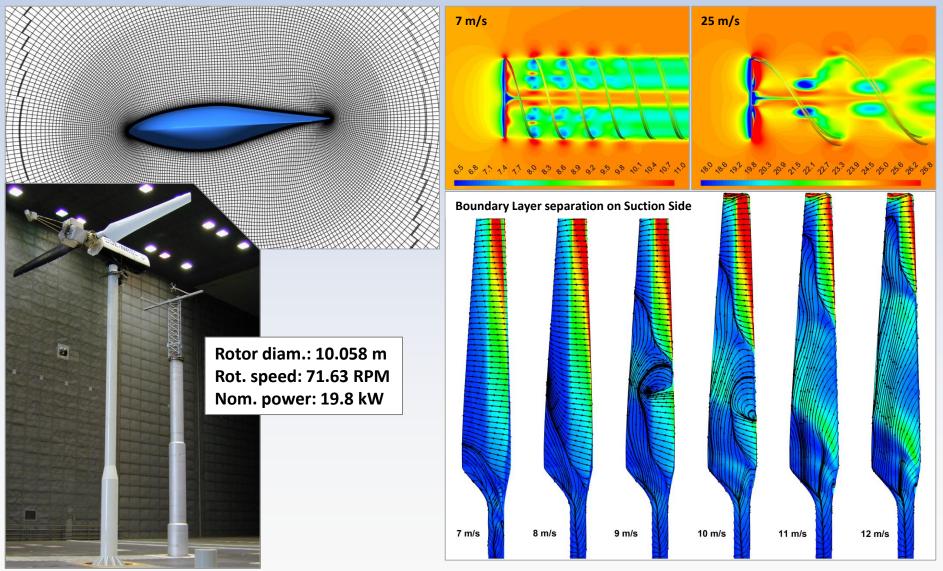
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NREL Phase VI Wind turbine modeling using ANSYS CFD

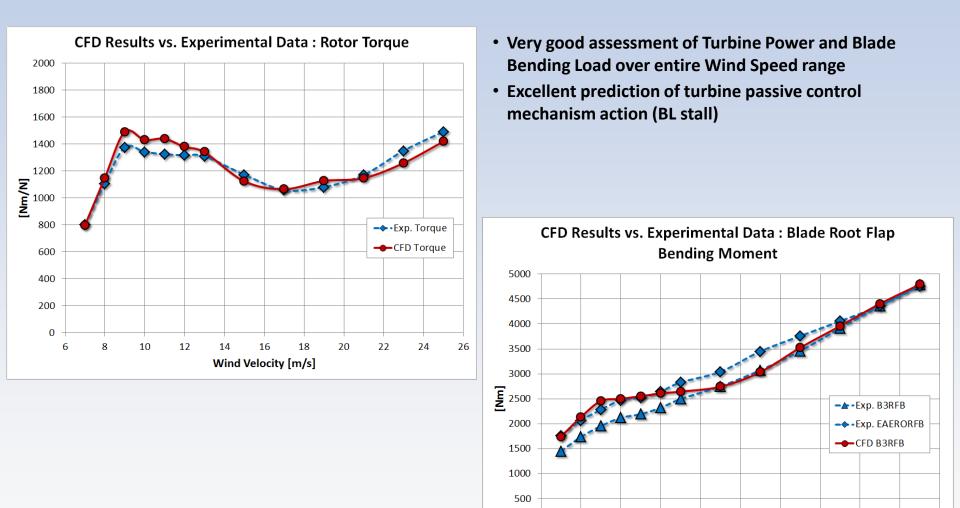
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ANSYS, Inc. Proprietary

NREL Phase VI Wind Turbine



NREL Phase VI Wind Turbine (2)



0 +

Wind Velocity [m/s]

Biomass-Fueled Boiler

- Forced convection, batch-fueled two-stage small boiler, burning briquette-shaped biomass mixtures
- A highly complex, UDF implemented biomass thermal decomposition model converts biomass components into char, tar and gases used as input for the CFD combustion model

