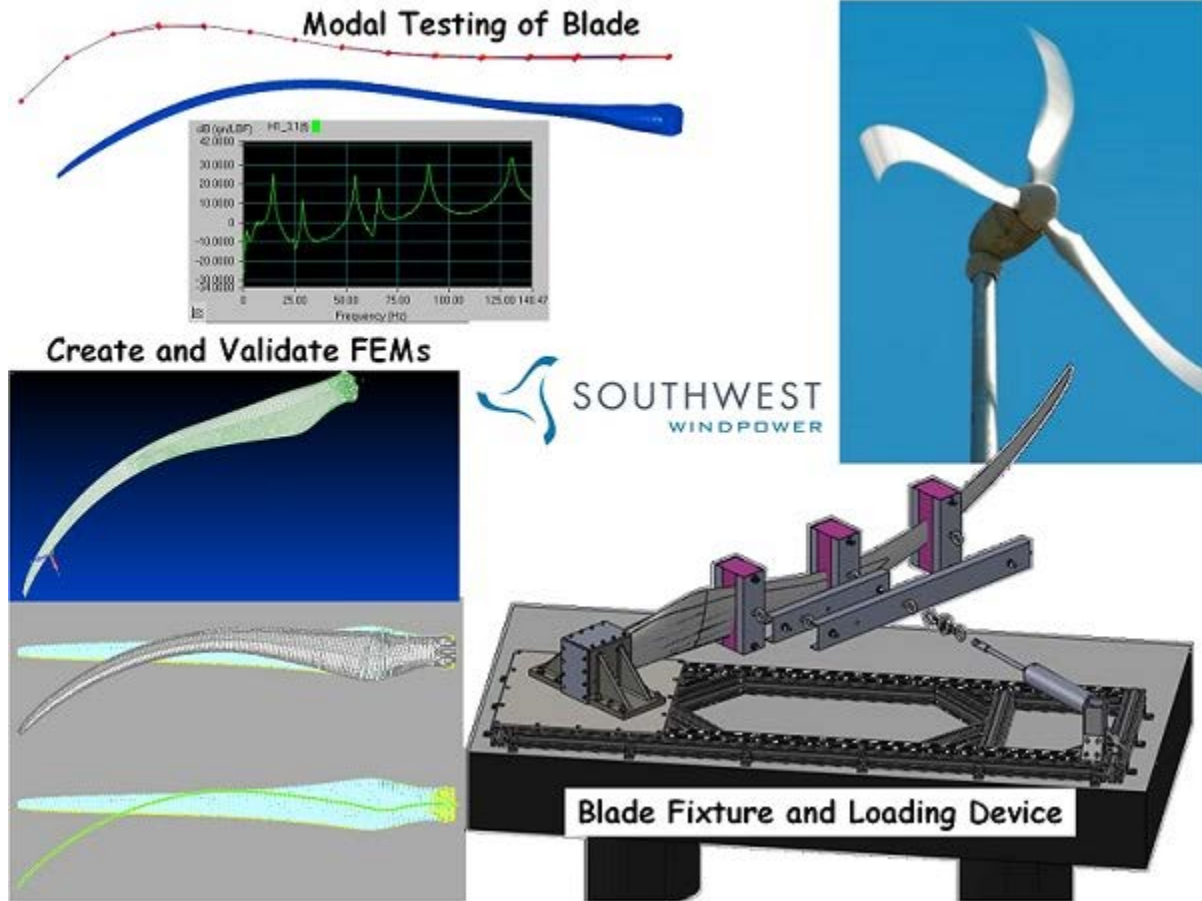




Static and Dynamic Testing of a 7 foot Wind Turbine Blade



As wind turbines become increasingly commonplace, understanding the response of the blades to various loading conditions is paramount. Research was conducted to characterize the dynamics of a 7 foot turbine blade and create a validated finite element model. Also, a blade loading device was manufactured to perform static and dynamic tests.