

Small Wind Turbine construction and testing

Outdoor field measurements can be performed in the ICCS-NTUA small wind turbine test site, relying on its good mean wind speed for fast results, with the use of meteorological and electrical sensors, as described in international standards. The power curve of wind turbines up to 4.5m rotor diameter can be measured along with the estimated annual energy production. In addition, bench tests on small wind turbine generators can be performed with the use of a variable speed DC motor drive and appropriate mechanical and electrical power measuring devices and sensors.



