



SAKOR Rolls Out New Dynamometer System For [Wind Power Testing](#)

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[SAKOR Technologies Inc.](#), a manufacturer of automated test instrumentation systems, has released its AccuDyne AC dynamometer system for wind power testing applications.

The system can be used by multiple engineering groups to test and verify designs, as well as to perform quality-control testing after manufacturing.

According to SAKOR, the AccuDyne dynamometer system is capable of testing both active and passive wind power driveline components, and also can be used to test wind turbines and their associated blade pitch control motors, generators, wind-sensing devices and motors, and transmissions. In addition, the system can be used to test water coolant pumps and other ancillary components.

Another function of the system is its ability to test groups of components simultaneously to see how they work together. The AccuDyne can be used to simulate the generator itself during early design stages, before a physical generator or gearbox unit exists, SAKOR explains.

Other features of the system include the ability to simulate inertia to test a wide range of large and small loads; torque pulse simulation of components that exhibit cogging (such as permanent magnet generators); and noise, vibration and harshness testing.

The AccuDyne comes packaged with the DynoLab EM test cell control system and is capable of measuring all mechanical and electrical wind power system components and simulating real-world conditions. The system is available in sizes ranging from 3 kW to 10 MW.