For immediate release

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World-class wind tunnel for calibration of anemometers opens in U.S.

Williston, VT (USA) — Tucked away in a nondescript industrial park, SOH Wind Engineering has completed construction of a massive wind tunnel specializing in the calibration of anemometers and testing of wind actions (or forces) on large structures.

In response to a request issued by NRG Systems, global manufacturer of measurement equipment and turbine optimization systems, Svend Ole Hansen, Principal of SOH Wind Engineering, decided to launch a new business in the United States. The wind tunnel will be used for a wide range of applications in civil engineering, transportation, and wind energy, including the calibration of NRG Systems' #40C and Class 1 anemometers.

"The reason I chose to site my business in Vermont is because of NRG Systems," said Svend Ole Hansen. "The reason I've constructed such a large tunnel is it will allow my company to advance the science of wind engineering and gain a better understanding of wind actions on a variety of structures."

Svend Ole Hansen, pioneer in wind engineering, began operating the first boundary layer wind tunnel in Denmark in 1991 for engineering applications. Today he runs a small engineering firm in Copenhagen that performs MEASNET-certified anemometer calibrations.

"I have known Svend Ole for years," said Jan Blittersdorf Blomstrann, CEO of NRG Systems, "and we are so fortunate to be working with someone of his caliber. The presence of this new wind tunnel is great news for our company, our customers, and the global wind industry in general. It enables us to improve the accuracy of sensor calibrations, reduce transportation costs, and better serve our customers with quick turn-around."

At full build-out the Williston facility will operate four closed return-flow wind tunnels. Two of the four sections are operating now. Each is 3 meters square and 40 meters long, capable of producing wind velocities of up to 20 meters per second. Reducing the wind tunnel cross-sections may increase the velocity to 100 meters per second. The wind tunnel has received ISO

certification and will carry out IEC-approved calibrations for anemometry per IEC 61400-12-1 Annex F, which is identical to the MEASNET standard.

Launching the business was a two-year initiative that integrated private investment with public dollars. Based on the capital investment and employment projections, SOH secured a grant under The Vermont Economic Growth Initiative for roughly $150,000. The wind tunnel will also be an educational resource for the University of Vermont professors and students in the Engineering School.

About SOH Wind Engineering:

SOH Wind Engineering is an independently owned company that is located in Williston, Vermont. Together with its sister company, Svend Ole Hansen ApS, located in Copenhagen, Denmark, the company has more than 25 years of experience in wind engineering and boundary layer wind tunnel testing. For more information, visit www.sohwind.com.

About NRG Systems:

NRG Systems is an independently-owned company that has served the global renewable energy industry for more than 30 years. Its measurement equipment, turbine control sensors, and turbine health monitoring systems can be found in 150 countries on every continent, serving electric utilities, renewable energy developers, turbine manufacturers, consultants and research institutes. For more information, visit www.nrgsystems.com.

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