FOR IMMEDIATE RELEASE
30 January 2014

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Interstate Turbine Advisory Council Adds Two New Certified Turbines to its Unified List of Small Wind Turbines

Turbines Eligible for Participation in State Incentive Programs

MONTPELIER, Vt. – Today, the Interstate Turbine Advisory Council (ITAC), a project of the Clean Energy States Alliance (CESA), added the Osiris 10 and Kestrel e400nb, two fully certified small wind turbines, to its Unified List of wind turbines.. The turbines join six others on ITAC's small wind turbine list; these turbines meet ITAC's listing requirements, a unique set of eligibility criteria that address both the business practices of manufacturers and the performance and reliability of turbines with a rotor swept area of less than 200m^2 (meters squared). The list is used by ITAC-member clean energy programs across the United States that have pooled resources to efficiently review and evaluate turbines. The list has been developed to boost consumer confidence in distributed wind and to ensure that taxpayer and rate-payer funding supports the installation of reliable and safe wind energy technology.

The Osiris 10 is a new entrant to the U.S. market—only two units are in operation here. The turbine is manufactured by global small wind turbine system manufacturer, Osiris Energy, headquartered in Shanghai. In October of 2013, the Osiris 10 achieved certification to the American Wind Energy Association (AWEA) 9.1 standard from Intertek, a nationally recognized testing laboratory. The turbine exceeded the standard's duration test criteria of 90% with an impressive overall operational time of 99.6%. Additionally, the turbine has achieved IEC 61400-2 certification.

The Kestrel e400nb is also making its US debut; the company is a subsidiary of Eveready Diversified Products, based in Port Elizabeth, South Africa. The turbine received certification to the AWEA 9.1 standard in February 2013 from the Small Wind Certification Council, an independent accredited certification body. The company maintains a turbine warehouse in Atlanta and has a representative based in California. The Kestrel e400nb is installed around the

world, with only one current installation in the US. Installer Ian Huddleston, of Greene Tech Renewable Energy LLC in Tennessee, is impressed with the turbine's construction and top-quality componentry. He recently installed a demonstration unit as a teaching tool at the Greene Technology School in Greenville, TN. The turbine has been operating and producing energy as expected for the last seven months.

The addition of these turbines to the ITAC Unified List will increase customers' choices; the Osiris 10 is an ideal candidate for lower wind speed locations due to its direct drive permanent magnet generator which allows for high efficiency and high production, with a start-up speed as low as 2.5 m/s.

Seven clean energy programs across the United States use the ITAC Unified List: the Energy Trust of Oregon, the New York State Energy Research Development Authority (NYSERDA), the Massachusetts Clean Energy Center, the New Jersey Clean Energy Program, the Minnesota Department of Energy Resources, the Maryland Energy Administration, and NV Energy. The List provides these programs with peer-reviewed, carefully-vetted turbines that have proven safety and reliability records and third-party acoustic and power performance reports. Only ITAC-member programs may use the Unified List for incentive eligibility. Programs wishing to use the list should contact CESA to discuss membership. To view the list of ITAC turbine requirements and the full list of qualified turbines, please visit ITAC's web page http://www.cleanenergystates.org/projects/ITAC/itac-unified-list-of-wind-turbines/

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About Clean Energy States Alliance: Clean Energy States Alliance (CESA) is a national nonprofit organization dedicated to advancing state and local efforts to implement smart clean energy policies, programs, technology innovation, and financing tools to drive increased investment and market making. CESA works with the leading state and public clean energy programs and provides information sharing and technical assistance to states and local governments on best-in-class clean energy programs and policies. CESA also facilitates collaborative networks to coordinate efforts between states, federal agencies, and other stakeholders to leverage accelerated progress on deploying clean energy projects and markets. For more information, visit www.cleanenergystates.org.

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