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# Capstone Turbine Receives Certification for Underwriters Laboratories (UL) Smart Inverter UL1741 Supplement A Interconnection Standard

VAN NUYS, Calif., April 04, 2019 (GLOBE NEWSWIRE) -- Capstone Turbine Corporation ([www.capstoneturbine.com](http://www.capstoneturbine.com)) (Nasdaq: CPST), the world's leading clean technology manufacturer of microturbine energy systems, today announces that its Model C65, C200, and C1000 systems are the first microturbines to be certified to the Underwriters Laboratories latest UL 1741 Interconnection Standard, Supplement SA.

UL1741 SA testing standard was created in response to the California Rule 21 and Hawaiian Electric Rule 14H. These rules were generated in response to the local increased presence of distributed generation and require interactive grid support functions. UL then derived the testing standard by which all inverter-based energy technologies must comply. Through smart inverter operation, the Capstone microturbine's proprietary electronics ensure seamless integration in supporting the reliability and stability of the utility grid. New distributed energy projects in California and Hawaii are required to comply with UL1741 SA.

"Utility grid interconnectivity is a critical technical capability supporting Capstone's strategy for expanded deployment of our microturbine based distributed energy products. Capstone's ability to comply with the various international and domestic standards using common hardware and software shows the versatility of our microturbine based technology," stated Darren Jamison, President and Chief Executive Officer of Capstone. "This certification in California puts Capstone at the forefront of the market and helps to further our ability to partner with various microgrid project integrators," added Mr. Jamison.

Capstone's certification to the German BDEW and Italian CEI Medium Voltage standards in 2015 paved the way for developing the strategy, controls, and software behind the successful integration of UL1741 SA. With the eventual publication of grid support requirements by IEEE 1547, these grid reliability and stability functions will be required nationally.

"Capstone's inverter technology enables us to adapt quickly to these certification changes and provide an all-inclusive power solution without the need to purchase extraneous grid interconnection equipment which would only add cost and reduced resiliency," said Don Ayers, Product Engineering Director at Capstone. "The beauty of our Capstone proprietary technology and implementation is that they can be rolled into existing systems without any

hardware changes. Backward compatibility is an important feature considering these standards are continually evolving,” concluded Mr. Ayers.

## **About Capstone Turbine Corporation**

Capstone Turbine Corporation ([www.capstoneturbine.com](http://www.capstoneturbine.com)) (Nasdaq: CPST) is the world’s leading producer of highly efficient, low-emission, resilient microturbine energy systems. Capstone microturbines serve multiple vertical markets worldwide, including natural resources, energy efficiency, renewable energy, critical power supply, transportation and microgrids. Capstone offers a comprehensive product lineup, providing scalable systems focusing on 30 kW to 10 MWs that operate on a variety of gaseous or liquid fuels and are the ideal solution for today’s distributed power generation needs. To date, Capstone has shipped over 9,000 of these systems into 73 countries logging millions of operating hours.

Capstone is committed to improving the efficiency of energy needs around the world, while simultaneously reducing global emissions of pollutants and greenhouse gases. Capstone’s systems help end users improve their impact on the environment, while still meeting power and reliability needs. During fiscal year 2019, Capstone saved end-use customers an estimated \$194 million in annual energy costs and 314,000 tons of carbon.

Not only does Capstone enable customers to reduce CO2 and emissions, Capstone applies the same principals to its own environmental footprint and focuses internally on its environmental risks, energy consumption, waste disposal and carbon footprint. Capstone also strives to foster a corporate culture emphasizing its relationship with employees, customers and suppliers in order to ensure that Capstone’s corporate values are aligned with those of its employees, customers and suppliers.

For more information about the company, please visit [www.capstoneturbine.com](http://www.capstoneturbine.com). Follow Capstone Turbine on [Twitter](#), [LinkedIn](#) and [YouTube](#).

## **Forward-Looking Statements**

This press release contains “forward-looking statements,” as that term is used in the federal securities laws. Forward-looking statements may be identified by words such as “expects,” “believes,” “objective,” “intend,” “targeted,” “plan” and similar phrases. These forward-looking statements are subject to numerous assumptions, risks and uncertainties described in Capstone’s filings with the Securities and Exchange Commission that may cause Capstone’s actual results to be materially different from any future results expressed or implied in such statements. Capstone cautions readers not to place undue reliance on these forward-looking statements, which speak only as of the date of this release. Capstone undertakes no obligation, and specifically disclaims any obligation, to release any revisions to any forward-looking statements to reflect events or circumstances after the date of this release or to reflect the occurrence of unanticipated events.

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