

# Advanced Energy(R) Introduces Innovative String Inverter Accessory to Enhance Commercial Rooftop Installations and Accelerate PV System Returns

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*First-to-Market, Horizontally Mounted—0° to 30° Tilt—String Inverter Solution Increases System Design Flexibility and Project Yield While Enabling Compliance With NEC 2014 Rapid Shutdown Requirements*

FORT COLLINS, Colo., Sept. 5, 2014 (GLOBE NEWSWIRE) -- Advanced Energy Industries, Inc. (Nasdaq:AEIS) today announced details on a new AE 3TL inverter accessory that enables solar installers, site designers and project developers to conserve space and increase project yield using an innovative technique to install Advanced Energy (AE) string inverters in a horizontal (0°) orientation. The low-profile accessory, used to install AE 3TL string inverters at the edge of a rooftop solar array, increases site design flexibility and improves overall system performance—while enabling compliance with new NEC 2014 rapid shutdown requirements. Already field proven at sites across North America, the compact and cost-effective solution is commercially available for AE 3TL 12 kW, 16 kW, 20 kW and 23 kW models.

As a result of the increased popularity of large-scale commercial rooftop designs using three-phase string inverters, Advanced Energy developed an innovative mounting solution to tackle one of the critical challenges of roof-mounted inverters—the shade cast by the inverters on the PV array. Engineered specifically for AE 3TL inverters, the tailor-made, industry-first mounting kit accessory allows the string inverters to be quickly and easily installed at a range of angles from 0° up to a 30° tilt—making it the most versatile, low-profile solution available on the market. The functional design provides balance-of-system cost savings and reduces shading setbacks for additional surface space for up to two additional 300 W PV modules per inverter when compared with competing angled mounting systems. The mounting flanges are compatible with DURA-BLOK<sup>®</sup> and UNISTRUT<sup>®</sup> hardware, enabling site-specific, customized mounting. The solution is particularly ideal for projects that require NEC 2014 code compliance, which specifies string inverters in roof-mounted installations must be installed within 10 feet of the array.

"Advanced Energy continues to leverage its applications know-how and provide new technologies that are designed not only for where the solar market is today but where it is heading in the future," said Jeff Denovan, co-owner and senior project manager/operations at Namaste Solar. "The AE 3TL inverter and mounting kit provide a complete and flexible solution for rooftop solar installations."

"Designers and installers are counting on continuous innovation from manufacturers to help them address complex solar configurations and code requirements as well as budget challenges," said Yuval Wasserman, president of Advanced Energy. "This new product demonstrates our commitment to delivering the solutions our customers need to secure more solar projects and achieve long-term production goals."

Advanced Energy will showcase its AE3TL string inverter technology, including the horizontal mount accessory, at the upcoming Solar Power International conference and exhibition, October 21 to 23, at the Las Vegas Convention Center, booth 551. For more information on Advanced Energy's AE3TL product line, or to schedule a meeting with Advanced Energy at the conference, please visit <http://solarenergy.advanced-energy.com/en/AESPI.html>.

### **About Advanced Energy**

Advanced Energy (Nasdaq:AEIS) is a global leader in innovative power and control technologies for high-growth, precision power conversion solutions. Advanced Energy is headquartered in Fort Collins, Colorado, with dedicated support and service locations around the world. For more information, go to [www.advanced-energy.com](http://www.advanced-energy.com).

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