

Advanced Energy Successfully Commissions New AE 500 Commercial Inverters for School Project

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500kW Inverters Selected By Solar Developer for Industry-Leading Features and Unsurpassed Service and Customer Support

FORT COLLINS, Colo.--(BUSINESS WIRE)-- [Advanced Energy Industries, Inc.](#) (Nasdaq:AEIS), today announced that its newest inverter, the [AE 500](#), has been successfully commissioned at one of 13 projects, totaling 4.5MW, developed by American Clean Energy (ACE) at Toms River Regional School District in Ocean County, N.J. ACE chose the AE 500 inverters for their integration, built-in reliability, and for the unsurpassed customer experience that AE is known for.



Advanced Energy's new AE 500 Commercial PV Inverter (Photo: Business Wire)

“We are extremely excited that the AE 500 units have been successfully

commissioned on one of our projects,” said Steve Morgan, CEO of American Clean Energy. “AE inverters have a tremendous reputation as being purpose-built with project developers in mind, enabling easy installation, maintenance and top-end performance, which is important to our project investors and host customer. In addition to delivering a great product, the sales and engineering support personnel were great to work with and we look forward to developing more projects with this inverter in the future.”

The new 500kW inverter combines the best of PV Powered and Advanced Energy technology to deliver a highly reliable inverter solution, supported by a customer focused applications engineering team and technical support and services organization.

“AE has always been known for our dedication to our customers and their needs,” said Gordon Tredger, executive vice president for AE Solar Energy. “The market spoke, and our cross functional insights from Bend and Fort Collins engineering centers listened, delivering a solution that enables our customers to win more projects and be more profitable, allowing them to offer system owners a lower levelized cost of energy. Our new products, combined with our applications and O&M services, enable AE Solar Energy to live up to its ‘Energy Delivered’ promise.”

The AE 500 transformer based central inverter maximizes energy harvest and accelerates payback with a 97 percent weighted [California Energy Commission \(CEC\) efficiency rating](#), wide DC operating range, fast convergence MPPT, and the ability to produce full power all the way to 55°C. The new inverter features an innovative DC circuit breaker sub combiner that enables low cost compliance with current safety and electrical codes, and improved serviceability. Built-in advanced power controls and optional factory-installed performance monitoring and metering make the AE 500 the industry’s most fully integrated and configurable inverter in its class, saving installation time and expense.

AE’s solar energy business delivers highly reliable inverters, complementary BoS products and robust O&M services that allow its customers to secure more solar projects and grow their business. AE Solar Energy enables utility scale, commercial and residential solar project stakeholders to offer

system owners a lower LCOE and confidence their PV system will deliver on long-term production goals. With more than 30 years of leadership in delivering innovative energy solutions, combined with a legendary reputation for customer service, AE is a trusted partner to solar project developers, financiers and beneficiaries around the globe.

About Advanced Energy

Advanced Energy (Nasdaq: AEIS) is a global leader in reliable power conversion solutions used in thin-film plasma manufacturing and solar energy generation. Founded in 1981, 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.

About America Clean Energy

American Clean Energy is a New Jersey based solar developer that excels at rapidly deploying creative and high quality solutions. The team, led by Steve Morgan, the former CEO of Jersey Central Power & Light, the largest utility by territory in New Jersey, truly understands the energy marketplace and brings extensive experience in energy infrastructure, project development, finance and construction. For more information, visit www.amcleanenergy.com.

Photos/Multimedia Gallery Available: <http://www.businesswire.com/cgi-bin/mmg.cgi?eid=50303034&lang=en>



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