

PRESS RELEASE

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Solectria Renewables' Central Inverters Compliant with NEC 2014's Arc Fault and Rapid Shutdown Requirements

Lawrence, MA – May 28, 2014 – [Solectria Renewables, LLC](#), a leading U.S. PV inverter manufacturer, announced the introduction of its new [ARCCOM](#) today. The [ARCCOM](#) is a disconnecting string combiner with integrated **Arc Fault Detection and Interruption (AFDI)**. Solectria Renewables is the first and only inverter manufacturer to introduce a string combiner with AFDI.

Solectria Renewables' [ARCCOM](#) offers its customers the best quality, ease-of-installation, mounting flexibility, safety and protection features in the industry today. It is compliant with NEC 2014 arc fault and rapid shut down requirements and contains a contactor disconnect, lockable switch and string level arc fault protection, allowing it to detect and interrupt a series arc. It is designed and built for extreme conditions and temperature ranges. It has also gone through Highly Accelerated Lifetime Testing (HALT) which tested it beyond its limits guaranteeing all components are carefully vetted for highest reliability. The [ARCCOM](#) also features standard oversized compression lugs that allow for long home run conductors. Additional options include: a surge arrestor, optional AC power supply and stud connector plates for those installers that prefer crimped connectors.



“Solectria Renewables prides itself on being at the forefront of the solar inverter, string combiner and monitoring market,” said James Worden, CEO of [Solectria Renewables](#). “We knew that NEC 2014 would be implemented quickly in the Massachusetts market, and the rest of the states would follow suit. With this in mind, we wanted to ensure our central inverters coupled with our [ARCCOM](#) comply with this code. We are proud to be the first inverter manufacturer to release this NEC 2014 compliant combiner.”

The [ARCCOM](#) has been rigorously field tested for over 9 months with Solectria's inverters to avoid any nuisance tripping. It is compatible with all of Solectria's three-phase central inverters: [PVI 50-100KW Series](#), [SGI 225-500PE Series](#), [SGI 500XT](#) and [SGI 500/750XTM](#). The [ARCCOM](#), like all of [Solectria's three-phase central inverters](#), is manufactured in the United States at Solectria's headquarters in Lawrence, Massachusetts.

On Thursday, June 12th, Solectria will be hosting a webinar about **Commercial Solar Design & NEC 2014: Meeting New Arc Fault Detection and Rapid Shutdown Requirements** sponsored by [Greentech Media](#). To learn more or to sign up, please go to: <http://www.greentechmedia.com/events/webinar/arc-fault-detection-rapid-shutdown-nec-2014>.

About Solectria Renewables, LLC

[Solectria Renewables, LLC](#) is a leading U.S.-based grid-tied photovoltaic inverter manufacturer. We offer residential, commercial and utility-scale inverters. Our versatile line of high efficiency products provide power solutions ranging from 1 kW residential systems to multi-megawatt solar farms. Solectria Renewables' products are backed by more than 25 years of experience in the power electronic and inverter industries and are supported by world class warranties. All of our three-phase central and utility-scale PV inverters are manufactured in the USA, ARRA compliant, and listed to UL 1741/IEEE 1547. To learn more about Solectria Renewables, please visit <http://www.solectria.com>.

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