

PRESS RELEASE

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Solectria Renewables Supplies Inverters for the Largest High Concentrating Solar Photovoltaic Power Generation Facility in the World

Lawrence, MA - May 15, 2012 - [Solectria Renewables, LLC](#), the leading U.S. photovoltaic inverter manufacturer, announced today that the largest high concentrating photovoltaic power (CPV) generating facility in the world, consisting of over 500 large CPV pedestals, smart inverters and dual axis trackers was put into service. The site is located in Alamosa, CO, extends over 225 acres and has the following [Google Map coordinates: 37.5986,-105.9521](#). The San Luis Valley in Colorado has a high altitude and is one of the best places for solar in the United States.

[Cogentrix Energy, LLC](#), a nationally active independent power provider based in Charlotte, NC, utilized Solectria Renewables' [utility-scale inverters](#) for their 30MW Alamosa Solar Generating Project due to its industry-leading product performance at high altitudes and track record for reliable operation in harsh desert conditions.

The site is interconnected at the 115kV transmission level and uses a cutting edge PV plant controller, allowing the operator to choose between a variety of smart grid operating modes. The plant can provide large amounts of reactive power, closed loop power factor control, as well as AC voltage regulation. Moreover, the controller can throttle the site's solar energy output to help regulate the grid frequency, when needed.

"The Alamosa project demonstrates the immense capabilities of smart grid inverters which will be put to use throughout the United States in the coming years," said Phil Vyhanek, President of Solectria Renewables. "I am immensely proud of the achievements of our power systems engineering group, which was created to support large site customers like Cogentrix, during plant testing and certification."

[Solectria Renewables, LLC](#) is exhibiting at [World Renewable Energy Forum \(WREF\)](#) in Denver, Colorado, May 15-17, 2012 in booth 801 and at the [SNEC International](#) Solar Industry and Photovoltaic Exhibition & Conference in Shanghai, China, May 16-18, 2012 in hall E2, booth 275.

About Solectria Renewables, LLC

[Solectria Renewables, LLC](#) is the leading U.S. based grid-tied photovoltaic inverter manufacturer for residential, commercial and utility-scale solar installations. 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 20 years of experience in the power electronic and inverter industries and supported by world class warranties. All of our commercial and utility-scale PV inverters are manufactured in the USA, ARRA compliant, Ontario FIT Content Compliant, and listed to UL 1741/IEEE 1547.

To learn more about Solectria Renewables, please visit <http://www.solectria.com>.

About Cogentrix Energy, LLC

Cogentrix is a leading developer, owner and operator of independent power in North America. Cogentrix was founded in 1983 and has continually been at the forefront of the development and evolution of the independent power market. Cogentrix has been directly responsible for the development, engineering, construction and operation of fossil and renewable power facilities with a combined generating capability in excess of 5,000 MWs.

To learn more about Cogentrix Energy, please visit <http://www.cogentrix.com>.

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