

Matrix Energy Inc. supplies innovative solar energy system for flat roof

Montreal, November 2009 — A full service wholesale distributor of renewable energy products and systems, Matrix Energy announces it has designed and supplied a 4.4 kW grid connected (aka Grid-Tie) Solar Photovoltaic system featuring innovative Solyndra™ CIGS solar modules. The system was installed by a customer in British Columbia in 2009, and is currently undergoing performance monitoring alongside a PV array composed of inclined monocrystalline solar modules.

Manufactured in Fremont California, Solyndra™ solar modules offer a number of advantages over inclined crystalline modules on flat roof, one of which is that they are self ballasting. This unique feature avoids the need for mechanically fastened or ballasted mounts, which greatly reduces costs related to structural analysis/ engineering and installation. Solyndra™ modules add only 3.3lbs/ft² of rooftop distributed load, making many more flat or low slope rooftops eligible for a PV installation using these modules. Based on cylindrical thin film CIGS technology, these modules perform optimally on white or light colored roof and have a degradation rate that is less than 50% that of crystalline modules. Solyndra™ mounting hardware will be compliant with domestic content requirements in 2010 under the Ontario Power Authority's FIT Program.



About Matrix Energy Inc:

Matrix Energy (www.matrixenergy.ca) provides complete engineered system design, Solyndra™ energy yield reports, product supply, RMA, technical support and troubleshooting services for Solar Photovoltaic systems. We look forward to working with building/ property owners, developers, architects, engineers, contractors and other building professionals in North America to increase energy security and lower carbon footprints utilizing PV technology.

About Solyndra™:

Solyndra™ designs and manufactures photovoltaic systems, comprised of panels and mounting hardware, for the commercial rooftop market. Solyndra™ employs high-volume manufacturing based on proven technologies and processes to meet the needs of the global solar market. Using proprietary cylindrical modules and thin-film technology, Solyndra systems are designed to provide the lowest installed cost per system and the highest solar electrical energy output for typical low slope commercial rooftops. Headquartered in Fremont, CA, Solyndra operates a state-of-the-art 300,000-square-foot fully automated manufacturing complex.

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