

Since 2010 Solartron Energy has achieved the first ever globally certified thermal 4.5 meter dish (2011), increased efficiency with the 7.5 meter dish (2013), and now in 2016 set the record for the most affordable utility-scale hybrid solar concentrator system the SolarBeam 9M. Solartron has a proven track record and has deployed over 60 ...

The renewable energy system comprising of solar panels, storage batteries and generators running on biofuel derived from coconut will generate enough electricity to meet 150% of the islands' power demand. ... These systems are part of the Tokelau Renewable Energy Project that has been funded by the New Zealand government and represents one of ...

SolarTron Energy Systems Inc. is a clean-tech company with headquarters in Halifax, Nova Scotia, Canada. We specialize in mechanical, optical, and electronic engineering. With our expertise, we have designed the most efficient and economical solar parabolic solar concentrator for use in utility and industrial CSP (concentrated Solar Power) for solar power plant applications.

ABOUT SOLARTRON Solartron Energy Systems Inc. (Solartron) is the designer and manufacturer behind the revolutionary SolarBeam TM parabolic dish. The designers and engineers behind the SolarBeam TM foresaw the need to engineer an affordable system capable of producing high thermal energy. Solartron is not new to the energy sector. The executive team

These systems require energy; solar hot water and hydronic systems make a great combination. ... Since 2010 Solartron Energy has achieved the first ever globally certified thermal 4.5 meter dish (2011), increased efficiency with the 7.5 meter dish (2013), and now in 2016 set the record for the most affordable utility-scale hybrid solar ...

Target: 100% renewable energy; Status: Achieved; RES: 1MW off-grid solar energy system across three main atolls of Tokelau. The project includes : 4032 solar modules, 196 string inverters, 112 DC charge ...

One company, called SolarTron Energy Systems, has developed a solar hot water system that has a photovoltaic module that can be added later to create up to 3.5kW of electricity. Research and development of new technologies for energy is constantly developing, improving design and components to make alternative energy systems more efficient.

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Solartron Energy Systems Inc. has developed the world's first affordable system for solar hot water & photovoltaic electricity production. ... Since 2010 Solartron Energy has achieved the first ever globally certified thermal 4.5 meter dish (2011), increased efficiency with the 7.5 meter dish (2013), and now in 2016 set the record for the ...

The European Union and its Member States have committed themselves to achieving a 20% share of renewable energy in Europe's final energy consumption by 2020. To reach this target, the renewable heating sector will have to make a significant contribution since the demand for solar hot water heating and cooling represents 49% of the total energy ...

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Solar hot water systems exist in many variations and styles. At the core of all these systems, there are distinct similarities. The obvious one, is that they all are designed to transform the radiant energy of the sun, beaming down across the earth each day, into usable heat energy. The heat energy can be used for many purposes; domestic hot water for ...

The SolarBeam Concentrator is the newest advancement from Solartron Energy Systems, a global high tech company based, we are proud to say, in Amherst, NS. The SolarBeam is a remarkable solar hot water system that tracks the sun to create free solar hot water. Solartron recently installed a SolarBeam at the fire station on Knightsridge Road, ...

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