

## Spring 2012 Santa Cruz Solar – Rotary International

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Santa Cruz Solar – Installation Team

Spring 2012 The Appropriate Technology Collaborative, Students from the University of Michigan and Friends of ATC traveled to Guatemala to install solar power at a trade school in Santa Cruz Guatemala. The project was sponsored by the Rotary Club of Ann Arbor, Rotary International and the Rotary Club of Guatemala South. The goal was to provide solar lighting and power for the Center de Capacitation (CECAP) School in Santa Cruz la Laguna. Solar lighting will allow the school to run during frequent power outages plus it will offset a portion of the very expensive electric power the school is currently purchasing. This installation will also serve as a demonstration of solar power and design for future classes at the school.

We also wanted to teach American engineering and Guatemalan technical school students how to design and install a solar power system.



This Team Worked Late Into The Night

Working hand-in-hand with Guatemalan students, technicians and engineers, a group of Engineering Students from the University of Michigan will travel to Guatemala for their Spring Break 2011 to install a solar power system with battery back-up for the CECAP School in Santa Cruz la Laguna, Guatemala. This workshop will train CECAP students about the design and installation of renewable energy.

The solar power system will both provide power and serve as a demonstration of renewable energy technology for future classes and workshops. CECAP Students interested in careers in renewable energy can learn directly from the workshop. Spring 2011 and future students will be able to observe and learn from this demonstration project for years to come.



Custom Fabrication of Solar Hardware

Special thanks to The Rotary Foundation, Rotary District 6380 and the Rotary Club of Ann Arbor and the Rotary Club of Guatemala Sur. This project was a complete success!

Photos: Tina Watson

ATC SUPPORT



Santa Cruz Solar  
<http://apptechdesign.org/spring-2012-santa-cruz-solar-rotary-international/>  
The Rotary Foundation  
Rotary Club of Ann Arbor  
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