



## MEDIA ALERT

***Intersolar India Booth #1660***

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### **Remote Telecom Project by Trojan Battery & Team Sustain Named Finalist for Intersolar India “Solar Projects” Award**

**DATELINE:** *SANTA FE SPRINGS, Calif., Oct. 16, 2014*

**WHAT:** [Trojan Battery](#), the world’s leading manufacturer of deep-cycle batteries, has been named as a finalist for the [Intersolar “Solar Projects in India” award](#). Trojan and its project partner, [Team Sustain](#), were recognized for their Remote Telecom project featuring Trojan’s new advanced lead acid [Smart Carbon™](#) batteries.

Finalists were selected based on exceptional pioneering projects in the fields of Solar Building, Industrial and Commercial Use projects based in India.

**WHEN:** The Intersolar “Solar Projects in India” award winner will be announced at Intersolar India in Mumbai, on Nov. 18, 2014 at 3 p.m.

**WHERE:** Intersolar India Presentation Stage, Hall 5, Booth 5.C60

**PROJECT:** Team Sustain’s solution with Trojan Battery enhances the ability of remote mobile towers to serve as the communication backbone for rural India, contributing to the region’s social and economic development. Team Sustain’s hybrid photovoltaic system with Trojan Smart Carbon™ batteries significantly

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C A L I F O R N I A

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T R O J A N B A T T E R Y . C O M

increases telecom tower uptime supporting financial and mobile communications services.

A key component of the project is the use of Trojan's Smart Carbon™ batteries to address Partial State of Charge (PSOC), a common issue in solar off-grid applications that has not been addressed by battery manufacturers until today. Housed in a unique climate-controlled battery cabinet developed by Team Sustain, allows for passive cooling to decrease the site temperature for the batteries, without drawing power from the system or batteries. The climate-controlled battery enclosure also features a battery water reservoir and tubing with mechanical automatic floats for easy watering; sensors to monitor temperature, voltage and current; and a communication bus incorporated inside the combiner box to transfer the collected data to the remote servers.

To ensure reliable transmission of critical system data, Team Sustain developed the Green Energy & Energy Management System (GeEMS), a remote monitoring software program which enables customers to quickly and easily monitor the operation and health of the entire telecom site including the batteries which power it. The software connects to the system's controllers and wireless telemetry to manage the battery bank. The battery bank's state of charge (SOC) is monitored by the software, with key information transmitted and stored on off-site servers for later data evaluation.

**WHO:**

**About Trojan Battery Company**

Trojan Battery Company is the world's leading manufacturer of deep-cycle batteries, offering a complete portfolio of technologically-advanced deep-cycle flooded, AGM and gel batteries that provide maximum long-lasting performance to meet the requirements of today's advancing renewable energy systems.

Trojan Battery Company, founded in 1925, is ISO 9001:2008 certified with U.S.-based operations in California and Georgia. For more information, visit [www.trojanbatteryRE.com](http://www.trojanbatteryRE.com)

**About Team Sustain**

Team Sustain is a leading clean, green technology solutions provider based in Cochin, India. The company offers cost-effective logistics and infrastructure solutions for sustainable resource utilization to markets around the world. For more information, please visit [www.teamsustain.com/company-information](http://www.teamsustain.com/company-information).

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