Developing the ChargerSat-1 Electrical Power System

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ChargerSat-1 Overview
ChargerSat-1 is UAHuntsville’s first student designed and built CubeSat. It flies to orbit on Nov. 4th 2013. ChargerSat-1 will demonstrate the following:
• Gravity Gradient Stabilization
• Improved Power Collection
• Improved Communications

Simulation and Testing
The ChargerSat-1 team ran a wide variety of simulations and tests while designing and building the Electrical Power System. (EPS)

EPS Hardware Overview

Timeline of the ChargerSat-1 Electrical Power System
The Electrical Power System has gone through 3 major revisions since work started in 2010.

Acknowledgements
UAH Space Hardware Club, Eric Becnel, Mark Becnel, Mason Manning, Dr John Gregory, Dr. John Stensby, Dr. Francis Wessling, Dr. John Horack, The Alabama Space Grant Consortium, UAH Office of the Vice President for Research, University of Alabama in Huntsville, UAH College of Engineering, UAH Department of Mechanical and Aerospace Engineering, UAH Department of Electrical and Computer Engineering, STI Electronics, NASA, Marshall Space Flight Center, Wyle