



Smart Grid at Santa Clara University

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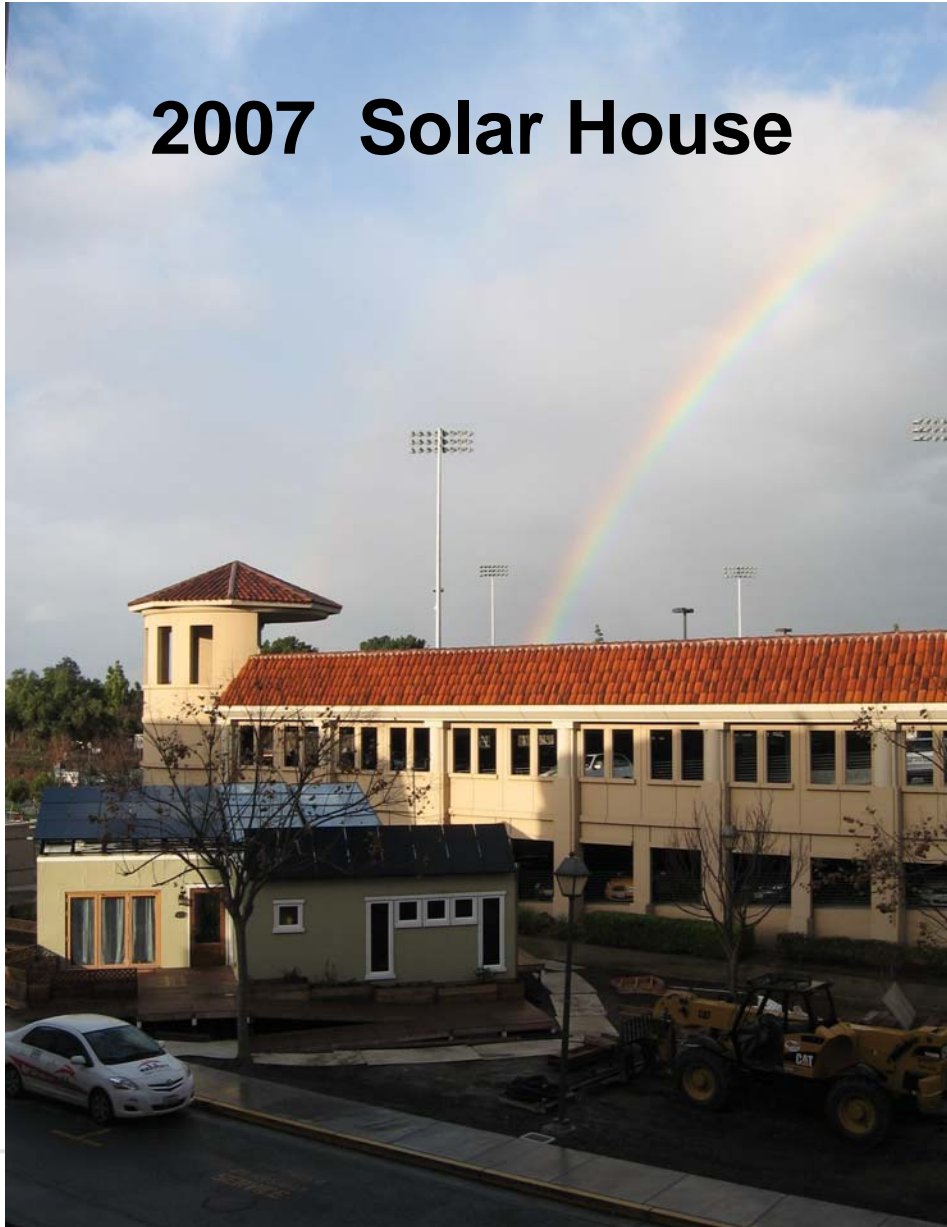


Sustainability at Santa Clara University

- Solar Decathlon: 3rd place winners in 2007 and 2009
- Santa Clara University Smart Micro-Grid Initiative:
 - 1 MWatt of power from newly-installed Solar Panels
 - 1.2 MWatt Diesel standby
 - Demand/response control (hardware/software)
 - 20% of daytime demand
- New Certificate Program in Renewable Energy
 - Starting Fall 2010



2007 Solar House





2009 Solar House





Smart Grid at Santa Clara





Smart Grid and Santa Clara University

- New Certificate in Renewable Energy
 - Alternative Energy
 - Smart Grid
 - Electric Power Systems
 - Storage Device Systems
 - Solar and Wind
 - Sustainability



Smart Grid Course at Santa Clara

- Winter 2011
- Offered once per week in the evening for working professionals
- Will cover the following main topics:
 - Metering Infrastructure
 - Distribution Operations
 - Transmission Operations
 - IT Infrastructure for Smart Grid
- www.scu.edu/engineering/graduate/renewable/academics.cfm