



Financing Innovation: Case Studies on Structuring and Paying for Test-Bed Projects in Hawai'i

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Silver Spring Networks

Company Overview

- Celebrating a decade of success
- The leading provider of open, IPv6 networking technology for the smart energy network
- Global reach with over 12M homes and businesses connected
- Well positioned for growth
 - Over 500 employees globally
 - HQ in Silicon Valley with offices in Australia, Brazil, UK
 - Strong partner ecosystem

Current Projects in Hawaii

Project

Funding Source

Silver Spring Role



- DOE RDSI Program

- Technology and services provider



- Smart Grid Inverter

- DOE SunShot – SEGIS Program

- Sub-recipient, R&D development, and technology provider



- Actus residential smart meter & solar metering

- Dept Of Defense

- Technology and services provider

Smart Energy Platform – Hawaii a great test bed for future applications

One Network – Multiple Applications

Demand Side Management



Advanced Metering



Distribution Automation



Energy Efficiency



Demand Response



Electric Vehicle



Future Applications

IPv6 Network

Attractiveness of Hawaii

Beyond the location...

- HI utilities are experiencing problems others will face in the future – integrating high levels of renewables and distributed generation
- Strong commitment to the environment (Hawaii Clean Energy Initiative) puts state on forefront of deploying new technologies
- Strong partner ecosystem (HECO/MECO, University of Hawaii, local utilities, national and international investment (e.g. - DOE, Japan NEDO))