

# An Energy Tsunami

Learning from Islands and Moving to Higher Ground



GREAT LAKES SMART GRID SYMPOSIUM  
SEPTEMBER, 23<sup>RD</sup>, 2013

# An Energy Tsunami

Learning from Islands and Moving to Higher Ground



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PARADIGM SHIFT SPECIALIST

# Background

- Paradigm Shift Specialist
- Universities Iowa/Texas/ Iowa State/Texas A&M
- Five Paradigm Shift Initiatives
  - ▣ Medical Waste
  - ▣ Medical Devices around the HIV virus
  - ▣ Business Communication - Go To Meeting
  - ▣ Terrorist Response Training- Homeland Security
  - ▣ Transitioning from Carbon based Economy

# Paradigm Shift Formula

- Superior technology -Performs better, more convenient and more reliable
- Reasonable level of market acceptance
- Strong Return on Investment (ROI)
- Qualifies for financing and insurance (RISK)
- Most important- Set win-win with Incumbents

# Sustainable Energy Technologies



Wind



Solar

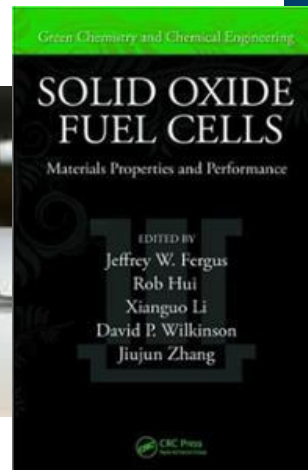


Ocean Thermal

Ocean Current



Hydrogen



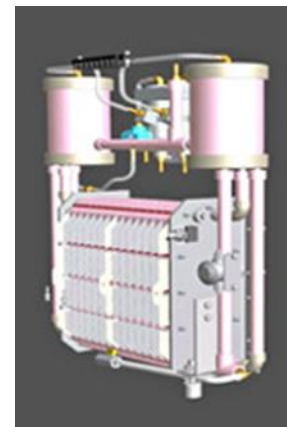
Fuel Cells



# Working with Incumbent Utility

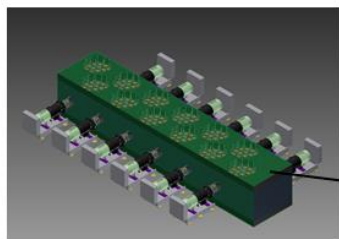


LNG  
Waste to Energy  
Hydrogen Hybrid

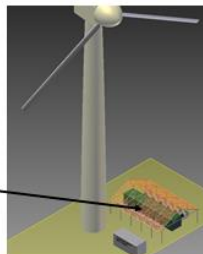


## VictusTerra International

Integrating a TC with Wind Turbines



Commercial in confidence



MG 21 May 2011

Electric cars  
Energy storage  
Protect the grid  
Smart Grid  
Applications



# An Energy Tsunami

Learning from Islands and Moving to High Ground



STEVE JOHANNIS  
CEO, VERIOWN ENERGY

Who is **verio**own ENERGY ?



# Remember this Vision Statement?

“ A computer on every desk in every home”

- Bill Gates, 1981



# Our Vision Statement

“Every building and every home will generate their very own energy” –  , 2013

# Cost to Keep Paradise Turned On



# Moving to Higher Ground

- **Maximize Local Sustainable Fuel Sources**
- **Distributed Energy Empowers Your Future**
- **Start Small, Think Big**
- **Innovation Through Collaboration**
- **Economic Renaissance in a New Energy Economy**



# The Beginning of a Big Idea







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