Innovation Incubator (IN^2)

WELLS FARGO

EDGEPOWER

SOLVING THE PROBLEM

EdgePower sells and deploys lighting and HVAC energy management hardware and software. Designed to tackle the most challenging behind-the-meter energy issues for large commercial energy consumers, the company's products include an on-site energy management gateway, site control software, a web-based user interface and customer site support services. EdgePower's stand-alone energy management controls system is currently installed at over 400 commercial sites in North America for customers such as Costco Wholesaler and Iron Mountain.

THE IMPACT:

EdgePower's web-based energy management tools assist in managing energy consumption by making utility data visible, ultimately eliminating wasted utility spending. Additionally, EdgePower's patented EnFlex Energy Management system can interface with existing equipment to deliver optimal building performance. EdgePower's extensive experience in both solar and building energy management allows them to assist large commercial building owners and operators in getting the most out of their facilities. Active load control, predictive load management, and real-time monitoring of energy flows in a building unlock utility bill savings above and beyond basic kWh savings.

HOW IN^2 IS HELPING:

EdgePower aspires to become an integrator of energy services and distributed energy generation. The company is in need of expanding their dynamic load control solution and refining future iterations of their demand response product. Through the IN^2 program, EdgePower will be able to verify energy savings, confirm demand reduction efforts, analyze the impact these strategies have on buildings, and assess system cyber security. Another goal for EdgePower is to expand their business development resources in order to focus on new host sites for their product.

TIER 1: Bench Scale

- Concept development stage
- Develop plans for prototyping & testing
- 3 – 5 years to market

TIER 2: Prototype

- Available for testing & validation
- Plans for development of final product
- Less than 2 years to market

TIER 3: Commercially Ready

- **Models available in limited quantity**
- **Integrated demonstration**
- **Less than 18 months to market testing**

ABOUT THE IN^2 PROGRAM

IN^2 is a technology incubator that fosters and accelerates early stage technology companies that provide scalable solutions to reduce the energy impact of buildings. Through a $30 million program funded by the Wells Fargo Foundation and co-administered by the U.S. Department of Energy's National Renewable Energy Laboratory (NREL), sustainable building technologies are able to evolve and develop, contributing to the overall goal of a Smart and Connected Community that uses energy, water and other resources efficiently, reducing the negative impact on the environment.

NREL
NATIONAL RENEWABLE ENERGY LABORATORY