

Commercial/Institutional Emerging Technologies and Accelerated Commercialization (ETAC-CI)

Advisory Group Meeting

December 9, 2013
Albany, NY

Welcome

Agenda

- Welcome & Introductions
- ETAC Initiative Status Update
 - NYS Program Update
 - C/I Open Enrollment Program and Projects Underway
- Competitive Solicitation Development
- Path to Market: Marketing and Outreach Channels
- Wrap Up

ETAC Initiative Update

NYS Program Update

- Multifamily ETAC competitive solicitation
 - broad focus
 - proposals received November 21; under review
- Residential ETAC competitive solicitation
 - solid state lighting focus
 - proposals due December 19
 - 33 companies in demonstration partner clearinghouse
- NYPA Collaboration
 - Quarterly meetings, info sharing

ETAC-CI Initiative Update

PON 2689

Released May 2013
Standard offer, open enrollment
Three projects under way, half-dozen under development

PON 2844

January 2014 release
Competitive selection
Large-scale or high visibility projects

Focused
Demonstrations

Energy
Performance
Validation

Large Projects

Program Facilitator, M&V Contractors

RFP 2621

Technical Consultant support contractors selected

ETAC-CI Initiative Update

PON 2689 Open Enrollment Projects Underway

- Two focused demonstrations
- One energy performance validation demonstration
- Several under development

Current Projects

Advanced Rooftop Unit Control Retrofit



Technology –
Transformative Wave
Technologies, Inc.
“CATALYST” unit

Project Lead – Sure Temp
Co., Inc.

Two sites in central NY
(expanding to five) – 30
units



Current Projects

Advanced Lighting Demonstration

Technology – advanced lighting integrating controls, daylighting, shading, task tuning

Project Lead – Green Light New York

Two sites in NYC

DOE-funded project, LBNL to perform M&V



Current Projects

Steam/Hot Water Radiator Control Retrofit



Technology – insulated radiator enclosure with thermostatically controlled fan

Project Lead – Radiator Labs

Two sites in NYC

Competitive Solicitation Development

PON 2844

- \$8.5 million available
- Two categories:
 - Technology demonstrations involving equipment installation
 - Demonstrations of approaches, tools, or strategies, or technologies that do not involve equipment installation
- Market Development “Innovative Strategies” funding added to support demonstration of approaches/tools

Competitive Solicitation Development

DRAFT Goals Include:

- Replicability
 - technical and market maturity
 - cost-effectiveness
 - customer acceptance, e.g., non-energy-savings features, minimal disruption, etc.
- Energy savings potential
- Innovation/not in wide use
- Large scale/high visibility
- Diverse portfolio of projects

Deep Savings/Net Zero Pilot

- \$2.7 million available
- Planned to support several pilot projects
- Contract through competitive solicitation or existing programs
 - New construction “bang-for-buck” through investing at design phase rather than providing incentives for measures
 - Retrofits – deep energy savings technical support option

Marketing and Outreach Channels

Invite Participation, Share Results

- Marketing efforts under way
 - Webinars for NYSERDA contractors and general public held July 2013; 300+ registered
 - September press release brought large response



ETAC website visits per week, May - November

Marketing and Outreach Channels

Invite Participation, Share Results

- Presentations given to clean energy incubators, CEE, ASHRAE and AESP local chapters
- Marketing contractor selected to support ETAC
- Building owner and project developer sign-ups added to website
- Twenty presentations from invited project developers held to date
- Suggestions?

Marketing and Outreach Channels

Invite Participation, **Share Results**

- Channels for project results
 - NYSERDA website
 - NYSERDA networks (technical consultants and contractors, HVAC and lighting business partners, etc.)
 - Presentations/articles for organizations such as BOMA, ASHRAE, AEE, AESP, etc.
 - Others?
- Primers being prepared
 - Advanced thermostats
 - Net zero energy
 - Battery storage

Wrap Up

- Questions?
- Suggestions?

Thank You!

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