



NH Pay for Performance Program

Funded by the NH PUC's Greenhouse Gas Reduction Fund

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Overview

- Pay for Performance Program
 - Program Design
 - P4P Partner Network Development
 - Whole Building Approach
- Program Timeline





Pay for Performance Design

- Large C&I in New Hampshire
 - >100 kW peak demand, or 1,000 MMBTU annual use
 - Municipalities, schools, universities also eligible
- Comprehensive, Whole-Building Approach
- Minimum 15% Energy Reduction Required
- Incentives Tied to Performance
- Relies on P4P Partner Network





NH P4P Partner Network

- RFQ Process for Developing Network
 - Based on Project Experience and Relevant Qualifications
- P4P Partners are Program Representatives
 - Market to Existing Customers and Contacts
- Primary Role is to be Owner's Agent
 - Workscope Development, Financing, Construction Oversight, etc.
- Use Program Templates, Tools, Follow Guidelines





Whole Building Approach

- Energy Reduction Plan (ERP) Development
 - Comprehensive audit, financing & construction plans
 - Building simulation model, with utility bill calibration
 - Workslope development
- Completed by approved P4P Partner





Incentive Structure

- Incentive #1
 - ERP Approval and Start of Construction
 - \$0.10/sqft of conditioned space
- Incentive #2
 - Construction Completion
 - Based on Proposed Energy Savings (kWh, MMBTU)
 - 80% of Performance Incentive
- Incentive #3
 - 1 Year Post-Construction Energy Use
 - Based on Actual kWh and MMBTU Savings
 - 20% of Performance Incentive





Program Timeline

- Partnership Agreement Released – 1/13/11
- Partnership Agreements Due – 2/4/11
- Approved Partners Notified – Week of 2/7/11
- Partner Orientation Session – Week of 2/21/11
- Public Launch of Program – Approx. March 1st





Case Study from NJ Program

- Commercial Office Building
 - 39,000 square feet; 380 kW; All-electric
 - ECMs recommended:
 - Lighting retrofit
 - HVAC DDC controls
 - Incentives: \$141,000
 - Energy Savings: 695,000 kWh/yr; 62 kW/yr (31% savings from baseline)





NJ Program Metrics

- Based on 28 Approved Projects
- Cumulative savings of:
 - 33M kWh/yr
 - 5,200 kW/yr
 - 115,500 MMbtu/yr
 - \$9.6M incentive commitments





Thank you!

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