

Triennial Plan II: Straw Proposal Residential Programs

**Stakeholder Input Meeting
July 12th 2012**



Residential Weatherization

■ Opportunity

- Promotion and financing of residential weatherization projects
- 500,000 homes in Maine
- Cost – effectiveness ratio: 3.5
- Projected savings average of 40%
- 3,500 upgrades since 2010



Residential Weatherization

■ Home Energy Savings Program (HESP)

- Umbrella program for all weatherization activities including financing and incentives.
- Continue to grow weatherization workforce and rate of upgrades
- Program still in growth phase, but demonstrating national best practices.
- Target: 1 to 4 unit residential buildings
- Awareness, online tools, financing, incentives to stimulate activity in all income sectors and promote best practices.
- Incentive transition from market development to sustainability
- Marketing/outreach utilizing mass media and word of mouth
- Lessons learned with Better Buildings Network



Residential Weatherization

■ Market Barriers & Challenges

- Lack of capital/financing, up front cost, awareness of benefits of weatherization, contractor concerns.

■ Program Results

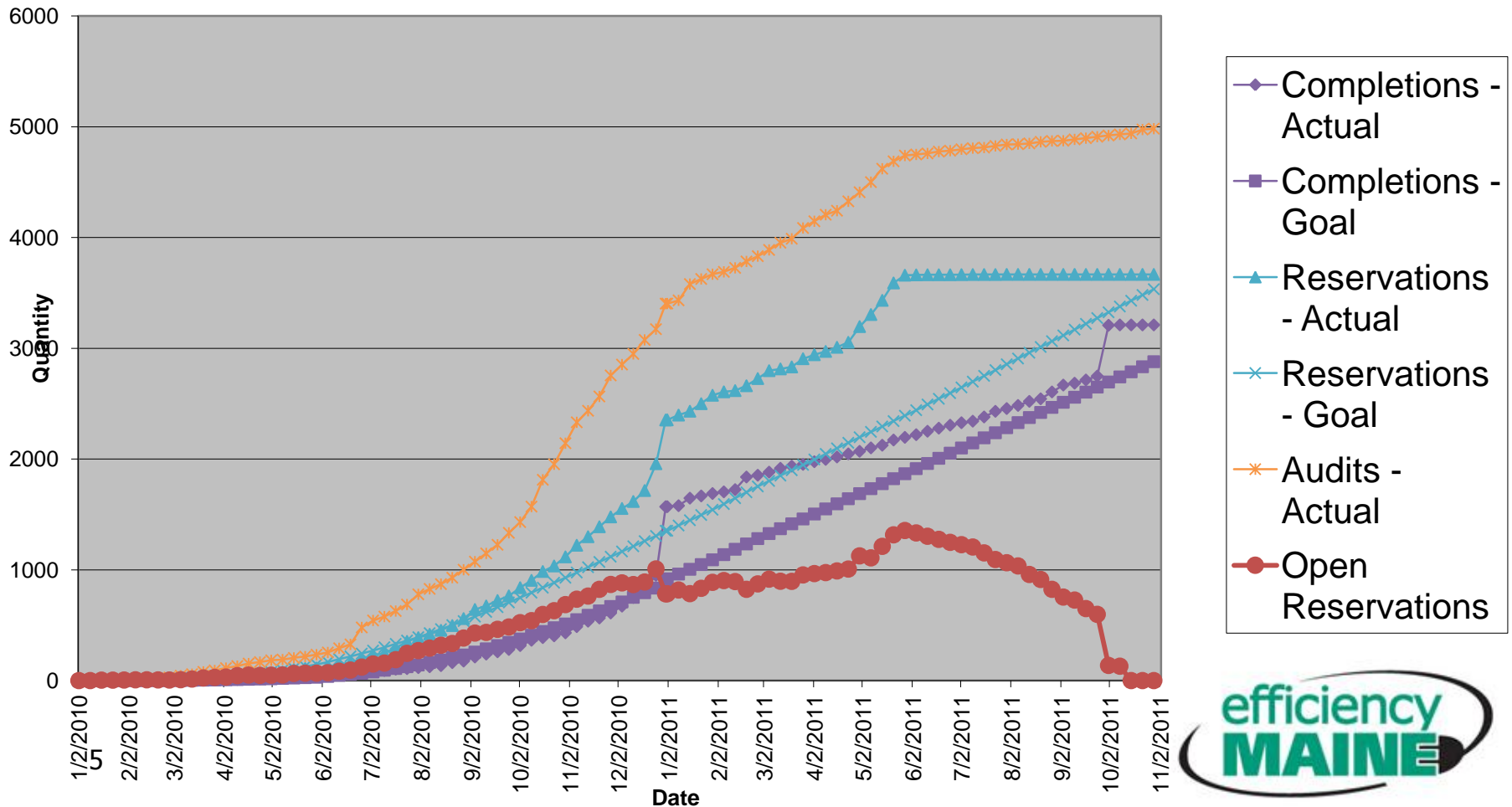
3,214 homes upgraded with HESP rebates

- Funds from SEP grant exhausted September 2011
- Program evaluation completed
- 236 PACE loans since April 2011
- Residential Direct Install Soft-launched April 2012



Home Energy Savings Program Rebates

Project Activity Summary



Maine PACE loan Program (AFC First – Loan Service Provider)

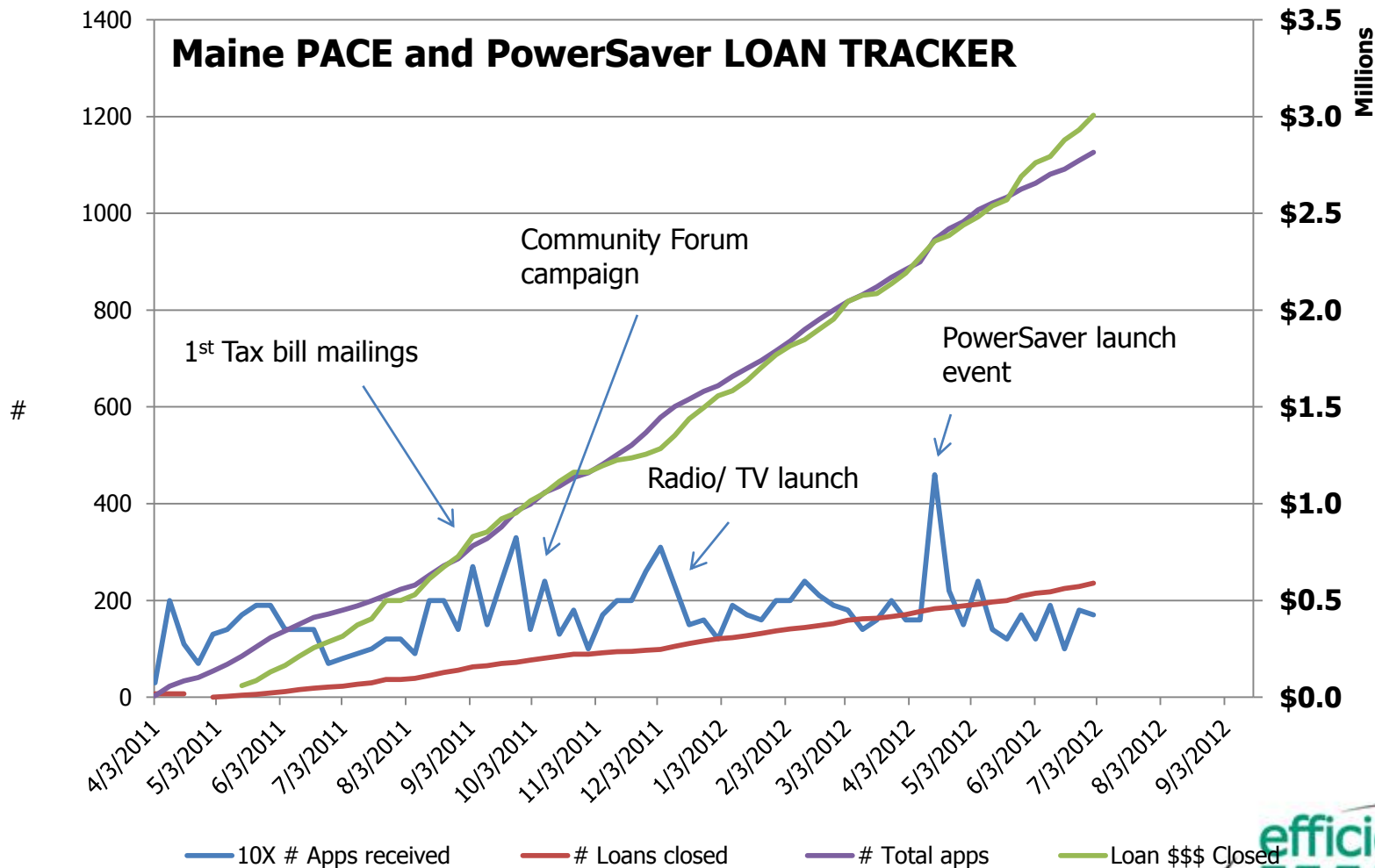
- 134 Towns participating (and growing)
- 65% of the state population

As of:

	7/1/2012
# PACE Municipalities	134
Cummative Applications	1172
Cumulative Declined Loans	529
Inactive Applications	289
Applications In Process	118
In Process Application \$\$\$	\$ 1,752,860
Cummulative # Closed Loans	236
Cummulative \$\$\$ Closed Loans	\$ 3,006,359
Average PACE Loan Amount	\$ 12,739
Applications received 4 weeks	64
Applications declined last 4 weeks	16
Loans Closed last 4 weeks	25



PACE and PowerSaver Loan Program



Residential Direct Install

- Launched April 2012: Still slow start, 55 projects submitted.
- \$300 incentive provided for completing 6 hours of air sealing and insulation work in conjunction with BPI energy auditor testing.
- Typical project to date:
 - Homes 800 to 1400 sq ft.
 - 600 to 1400 gallons annual oil use.
 - Many homes with no insulation at all
 - 6 to 8 hours air sealing reduces CFM50 number average 25%
 - \$300 savings per home per year anticipated.



Residential Weatherization

■ Program Budget/Revenue

- Better Buildings Grant end date June 2013
- Revolving Loan Fund retained
- FY14 budget limited to what can be supported through revolving loan fund revenues or availability of other “all fuels” revenue.

Residential Weatherization

■ Metrics

- Energy savings by unit, by program-year, by TriPlan period
- Money savings by unit, by program-year, by TriPlan period
- B/C Ratio: 3.5

Program

■ Staff Recommendation

- Continue expansion of loan programs and promotion of residential weatherization:
 - Seek additional grant and revenue opportunities
 - Messaging through earned media, low cost municipal and community network channels.
 - Demonstrate effectiveness of lower incentive levels to promote best practices and engage homeowners.

Residential Weatherization Program

■ Input and Stakeholder Recommendations

- Scope of weatherization programs
- Going Deep vs. Going Wide
- Sources of revenue
- Financing program insights
- Workforce development
- Other

Please Share Your Ideas:

Send Written Comments to:

Email – efficiencymaine@efficiencymaine.com

Post – **Triennial Plan Comments**
151 Capitol Street, Suite 1
Augusta, ME 04330



Latest that comments will be considered is August 15.