
New Hampshire's Energy Efficiency Programs

The First 19 Months
- June 2002 through December 2003 -

March 18, 2004

Topics

- Goals: How Did We Do?
- How Were the Funds Spent?
- Program Potpourri

Our Goals...What We Promised

Impact Area	Goal
Lifetime Kilowatt-hours Saved	765,000,000 kWh
Customers Served	47,000
Economic Impact – Dollars Saved	\$83,000,000
Total Emissions Reduction	579,590 tons

Lifetime KWH Savings

Goal	Outcome	Percent of Goal
765 million kWh	1,368 million kWh	179%

○ Outcome

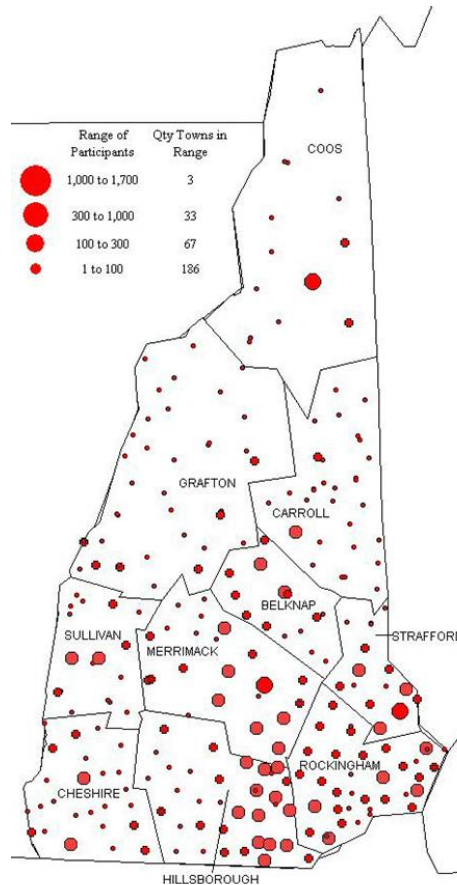
- Core Programs 1,277
- Utility Specific Programs 91
- Grand Total 1,368 million kWh

○ Results

- enough energy to power city of Concord for 3.6 years
- results achieved within original budget of \$23.5 million

Customers Served

Goal	Outcome	Percent of Goal
47,000 customers	59,699 customers	127%



- Outcome
 - Core Programs 59,130
 - Utility Specific Programs 569
 - Grand Total 59,699 customers
- Reached customers in every city and town served by the NH utilities
- 15% of NH households received services
- Core Programs served 57,813 residential customers & 1,317 businesses
- Many others received educational benefits
 - Customer seminars, school programs, lighting catalog

Economic Impact – Dollars Saved

Goal	Outcome	Percent of Goal
\$83.0 million	\$145.9 million	176%

- Outcome
 - Core Programs \$136.2
 - Utility Specific Programs \$ 9.7
 - Grand Total \$145.9 million
- The energy saved will reduce customers' electric bills by \$145.9 million – freeing up those dollars to help fuel the NH economy.
- Energy efficiency is a sound investment - returning more than 6 times the original cost of the programs.

Wise Investment: A Penny Saved...

Goal	Outcome	Percent of Goal
3.0¢/kWh saved	1.7¢/kWh saved	143%

- Each kWh saved cost just 1.7¢, as compared to the average retail price of 10.7¢ - a great value for consumers.

Environmental Impact – Emission Reductions

Goal	Outcome	Percent of Goal
579,590 tons	1,036,277 tons	179%

- Outcome

- Core Programs 967,517
- Utility Specific Programs 68,760
- Grand Total 1,036,277 tons

- Emissions Reduction

- SO_x- 6,839 tons
- NO_x- 1,368 tons
- CO₂- 1,028,070 tons

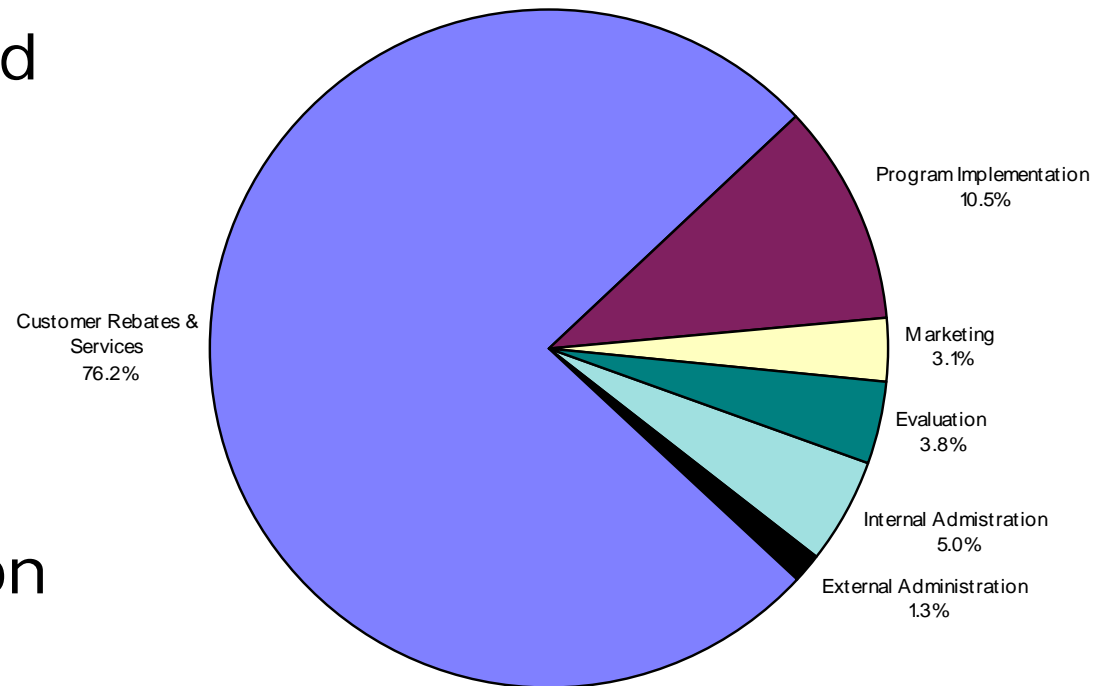
- Equivalent to the annual emissions of more than 215,000 cars

Summary of Delivered Results

Impact Area	Outcome	Equivalent Result
Lifetime Kilowatt-hours Saved	1,367,780,265 kWh	Energy required to serve the city of Concord for 3.6 years
Customers Served	59,699	15% of the households in NH
Economic Impact – Dollars Saved	\$145,942,154	6-fold return on investment
Total Emissions Reduction	1,036,277 tons	Equivalent to taking more than 215,000 cars off the road

How The Funds Were Spent

- Customers received more than 75% in direct benefits
 - rebates, technical assistance & efficiency audits
- Total administration was just over 6%



Total Expenditures: \$23.2 Million

Monitoring & Evaluation

- Baseline Evaluations

- ENERGY STAR® Homes
- C&I New Construction



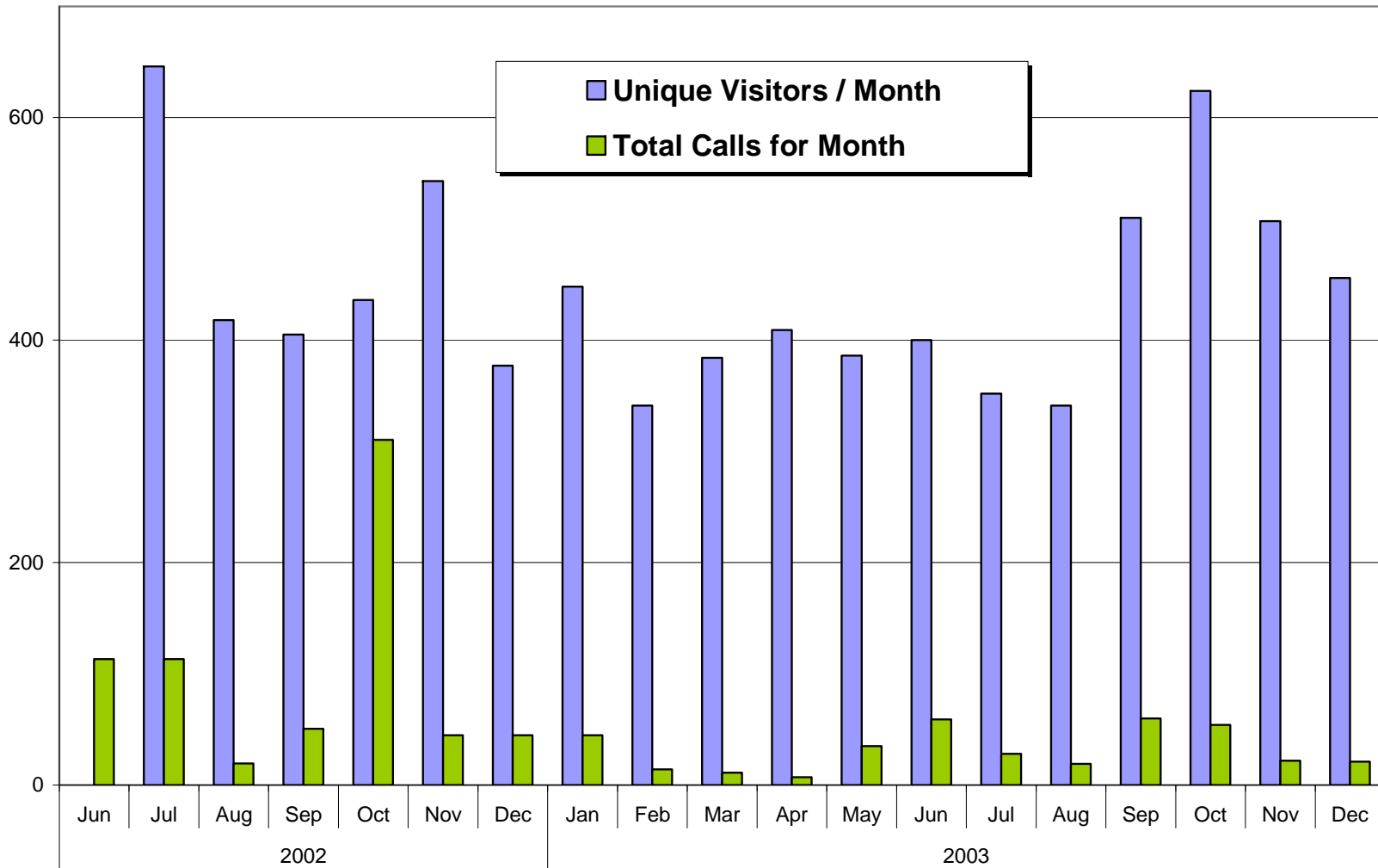
- Process & Impact Evaluations

- Home Energy Assistance Process Evaluation
- ENERGY STAR® Lighting Process & Impact Evaluation
- Pay-As-You-Save Process Evaluation

- Other Efforts

- Cost Benefit Model Review
- Common Assumptions Report
- Avoided Energy Supply Cost Update
- Quarterly Reporting Preparation

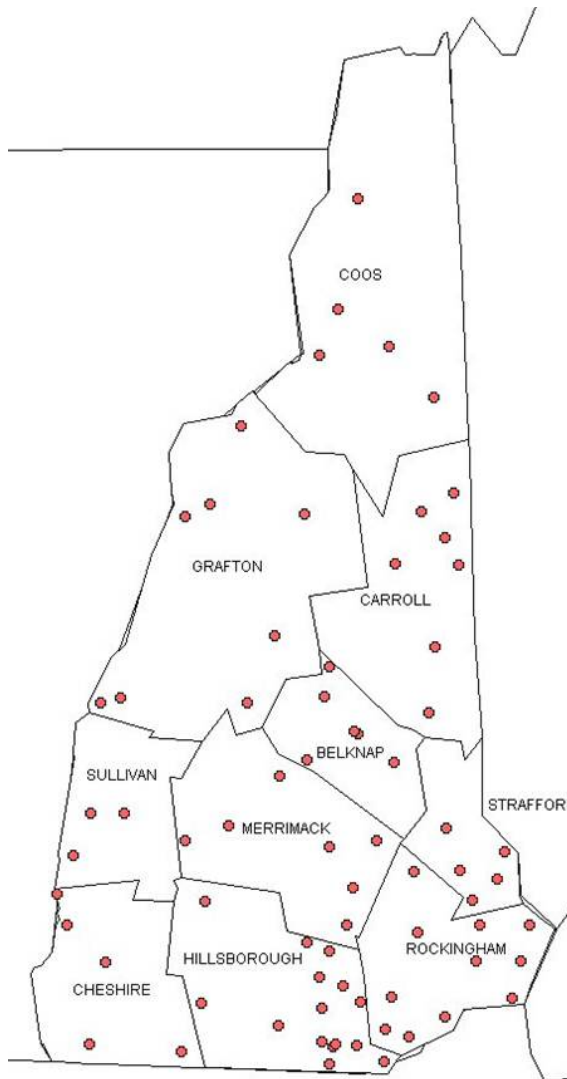
Website & Statewide Call Center



www.nhsaves.com

1-866-266-2420 (toll free)

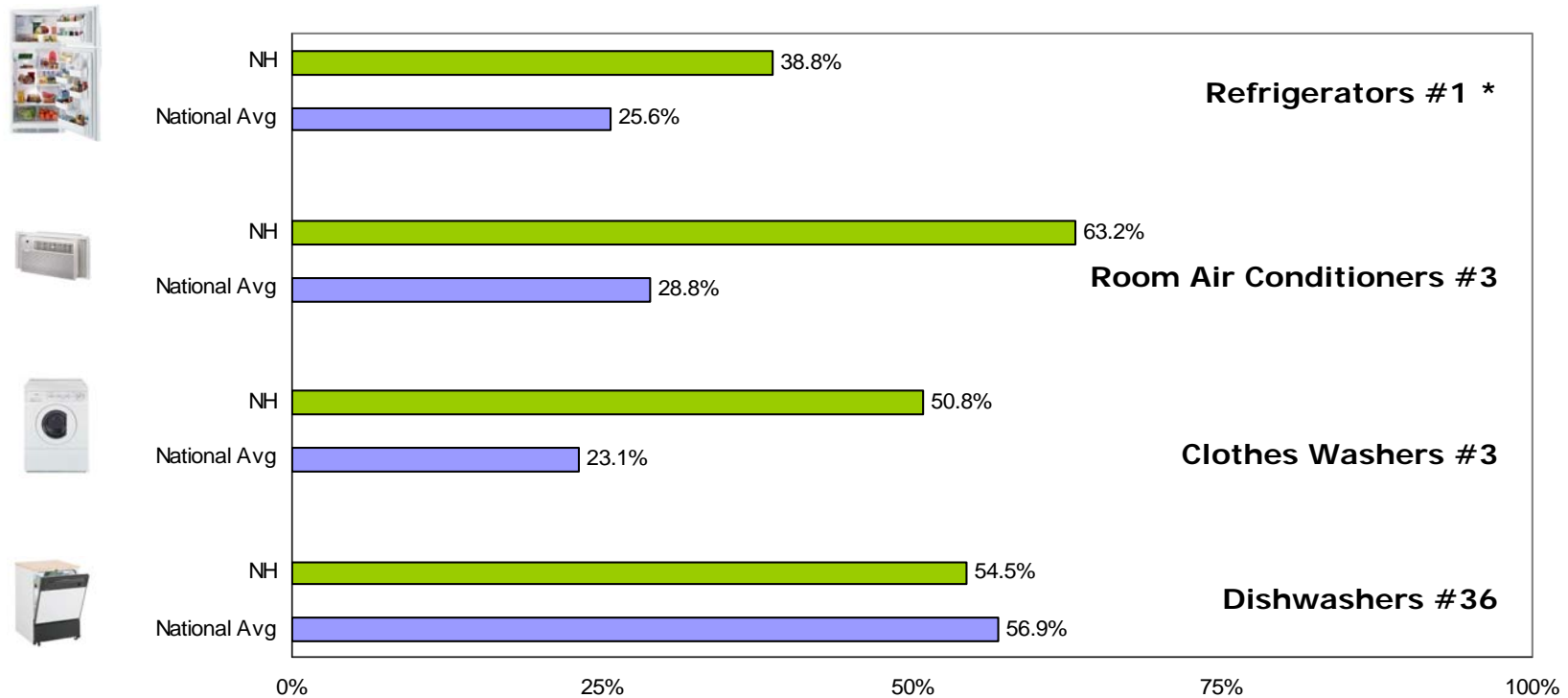
Statewide Retailer Network



- Established network of 158 retailers throughout NH
- Served 53,410 customers
- Other benefits
 - trained sales force
 - promotion of Energy Star lighting & appliances
 - consumer education

ENERGY STAR®

Appliance Sales as a % of Total Sales



*NH's national ranking

Source: D&R International

In Summary – NH Energy Efficiency Programs...



Saved **1,368 million lifetime kWh** – enough energy to power Concord for 3.6 years



Served almost **60,000 customers** – 15% of NH households



Saved **\$145.9 million** – a 6-fold return on investment



Reduced emissions by over **1 million tons** – like taking more than 215,000 cars off the road