



Commonwealth of Massachusetts
**DEPARTMENT OF HOUSING &
 COMMUNITY DEVELOPMENT**

Deval L. Patrick, Governor ◆ Timothy P. Murray, Lt. Governor ◆ Tina Brooks, Undersecretary

Memorandum

To: Frank Gorke, Director, Division of Energy Efficiency, DOER
 From: Ken Rauseo, Manager, Energy Conservation Unit, DHCD/DCS
 Subject: Final Report/ 2009 RGGI Funds in HEARTWAP
 Date: August 3, 2009
 cc: Lou Martin, Deputy Associate Director, DHCD/DCS; David Fuller, DHCD/DCS;
 Maureen O'Rourke, DHCD/DCS

Final Report
FY 2009 RGGI Funds Supplement to HEARTWAP

The \$4 million in FY 2009 RGGI funds provided to the Department of Housing & Community Development to supplement the Heating Emergency Assistance Retrofit Task Weatherization Assistance Program (HEARTWAP) is fully expended. The funds were used to replace existing heating systems that were unsafe, in poor condition or grossly inefficient.

Heating system replacements summary:

Heating System Type	Number Installed	Cumulative Cost
Oil Forced Warm Air	190	\$391,628
Oil Forced Hot Water	484	\$1,102,541
Oil Steam	160	\$406,748
Gas Forced Warm Air	171	\$378,481
Gas Forced Hot Water	223	\$570,398
Gas Steam	98	\$261,711
Kerosene Forced Warm Air	20	\$45,171
LP Forced Warm Air	10	\$23,489
LP Forced Hot Water	8	\$19,833
Total	1364	\$3,200,000

Estimated Energy savings/household:

Savings per household are calculated at 25% of winter heating fuel consumed or approximately \$500 annually at the current fuel price of \$2.25/ gallon for home heating oil or \$1.40 per Therm for natural gas.

RGGI expenditures include:

Administrative costs: \$200,000
 Program Support: \$600,000
 Heating System Allocation: \$3,200,000
 Total expended RGGI funds: \$4,000,000