



CITY OF CAMBRIDGE
COMMUNITY DEVELOPMENT DEPARTMENT
City Hall Annex - Inman & Broadway - Cambridge, Mass. 02139

498-9034

TO: Kathy A. Spiegelman
Assistant City Manager
for Community Development

April 4, 1985

From: Robert J. Carey
Residential Energy Programs Manager

Subject: Energy Programs Summary

The Residential Energy Programs of the Community Development Department are charged with providing comprehensive energy assistance services to the low income residents of the City of Cambridge. These services are provided through a number of Federal/States funded programs. The following is a summary of the energy programs administered by the Community Development Department:

1. THE WEATHERIZATION ASSISTANCE PROGRAM(S) (WAP); provides a full range of weatherization services to income eligible households including homeowners and tenants. The WAP programs are funded by four sources....Department of Energy (DOE), Health and Human Services (HHS), Housing and Urban Development (HUD), and the Commonwealth of Massachusetts (MWAP). The WAP services are offered free of charge to eligible clients.

Weatherization Services include:

- infiltration control (including weatherstripping and caulking)
- storm windows (interior and/or exterior)
- attic insulation and ventilation
- sidewall insulation
- domestic hot water insulation
- heating pipe and duct insulation
- heating system tune-ups, replacement, and efficiency modifications

The following is a summary of Weatherization Assistance Program (WAP) by funding source and program year:

	1984			1985		
FUNDING SOURCE	INCOME ELIGIBILITY	# UNITS	TOTAL BUDGET \$	INCOME ELIGIBILITY	# UNITS	TOTAL BUDGET
MWAP (State \$)	< 175%	33	\$ 44,880	< 175%	75	\$149,723
HUD (Federal \$)	federal poverty level			federal poverty level		
HHS (Federal \$)	< 150%	92	\$118,577	< 150%	73	\$114,153
	federal poverty level			federal poverty level		
DOE (Federal \$)	< 125%	94	\$123,065	< 150%	101	\$162,968
	federal poverty level			federal poverty level		
TOTAL			\$286,522	\$426,844		

2. THE MASSACHUSETTS CONSERVATION ASSISTANCE FUND (MCAF), is a program that was originally designed to provide low cost energy assistance and conservation education. In the past this program was known as CASH (Cambridge Action to Save Heat) through which a large number of residents City-wide received low cost materials and attended workshops on energy conservation. The current program is structured differently and no longer uses the acronym CASH. The 1985 MCAF program provides two primary services:

A. MCAF provides the following heating system work:

1. Emergency repairs on No Heat Calls and Heating system maintenance and tune-up. This services is provided to those households in a heat emergency or to identify systems that will need more extensive work.
2. A direct tie-in to the Burner Replacement Grant Program (BRGP), which provides for the repair or replacement of some heating systems. This tie in is accomplished through a diagnostic burner tune-up.
3. Education of clients in self-help measures that relate to heating systems.

B. MCAF also provides income eligible clients with an Interior Storm Window. This window is provided when no exterior window exists or is in a condition that does not prevent heat loss. The windows cost on an average of \$20 each and are of a light weight clear plastic stretched on a light weight aluminum custom-made frame. MCAF provides an average of five windows per household. This program operates City-wide and receives its referrals from the Fuel Assistance program operated by

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the Department of Human Service Programs.

The 1985 MCAF Program is funded by HHS funds through the Executive Office of Communities and Development of the Commonwealth (EOCD). The City has a \$74,683 contract to provide the above mentioned MCAF services from October 1, 1984 through September 31, 1985.

The MCAF Heating system component has \$10,490 available which is spent on both labor and materials. The average cost for a tune-up is \$45.00 and the average cost of a replacement is \$500. By contract we may spend as much as \$150 on a repair. The source of referrals for this part of the program is the Fuel Assistance program.

The MCAF Interior Storm Window component has \$18,284 available which is spent on the measurement, purchase and installation of windows. There has been an average \$100 spent per household.

The following is a service breakout of those served with interior storm windows by MCAF to date:

63 Tenants

14 Owners

77 total households of which 26 were elderly and/or
18 Handicapped.

3. Another program operated in tandem with the MCAF is the BURNER REPLACEMENT GRANT PROGRAM (BRGP). BRGP provides burner replacements to supplement MCAF heating system work. The City has contracted to spent \$18,569 from October 1, 1984 through September 31, 1985. These monies are federal dollars that come from the Warner Oil Overcharge Fund. There is an average per household expenditure of \$445.00 through this program.

The following is a service breakout of those served through the BRGP to date:

3 tenants

5 owners

8 total households of which 2 were elderly and/or 1 handicapped.

The sources of referral for this program are Fuel Assistance, WAP, or MCAF. All recipients must be income eligible.

4. THE ENERGY LOAN FUND PROGRAM (ELF) offers a reduction in principal and/or interest on bank loans used for financing energy conservation improvements. This program is open to Cambridge homeowners and the subsidy amount is based on the annual income of the client. Currently, three Cambridge banks are participating in the program. They are: East Cambridge Savings, Cambridgeport Savings, and Cambridge Trust. This program is financed with Federal monies allocated through the Massachusetts Executive Office of Energy Resources (EOER).

From June 1984 through the end of February 1985, 51 loans facilitated have been approved. The following is a summary of program activity to date:

Average total cost of the energy work	\$4,000
Average loan amount	2,600
Average principal subsidy	1,400
Average interest subsidy	450

Total principal subsidy money spent	\$ 71,800
Total interest subsidy money spent	22,400
Total subsidy for 84-85 program year	\$114,774

The Federal Funding sources for this program are the Department of HUD (\$93,296) and Warner Oil Overcharge funds (\$21,478).

5. Two neighborhood specific programs are also operated by the Community Development Department. They are:

1. East Cambridge Storm Window Program: This program is similar to the MCAF program, but has higher income guidelines than the MCAF and the other energy programs administered by the Department. This program is provided in tandem with other energy programs to provide more service to low-income residents of the neighborhood. The program funded through the East Cambridge Stabilization Committee, received \$21,000, to operate from 1 July 1984 through June 30, 1985.

To date the service breakout is as follows:

44 tenants

11 owners

55 total of which 10 are elderly and/or 4
handicapped

The average amount spent on a household was \$127, providing on an average of six interior storm windows.

2. The North Cambridge Energy Program. The Stabilization Committee funded a two part energy program for the current fiscal year. The projects are:

- A. The SAVE program, a group bidding process with local contractors, started in May, 1984 and completed in March, 1985. The program provided 49 attic insulation work orders. The average cost of insulation including ventilation was 66 cents per square foot. The actual contractor bid prices were an average of 50% less than the MASS-Save estimated professionally install cost. The average price of attic insulation was \$940.00. This program has no income restrictions and the customer paid the contractor directly after a

quality control inspection by the SAVE staff person.

- B. The second project funded through the Stabilization Committee is a weatherization program utilizing the JUST-A-START Corporation. Just-A-Start is contracted to provide infiltration work that is designed to prevent heat loss. The work includes tightening and caulking windows, weatherstripping doors and making the house as energy efficient as possible. The Just-A-Start Corporation also provides substantial on the job training in marketable skills to Cambridge youth.

The North Cambridge Stabilization Committee weatherization program has provided the following service:

14 tenants

12 owners

26 total of which 7 elderly and/or 2 handicapped

6. Starting April 1, 1985 the Community Development Department has begun a Multi-family Energy Loan Program. The program is designed to provide assistance and incentive to owners of Multi-family buildings in Cambridge to improve their buildings by investing in energy improvements. This program will tie in directly to existing programs offered by the housing and energy components of the Department.

The primary recipient of the department's Residential Energy programs is someone who meets pre-determined federal eligibility for service. The eligibility is determined by income of the household and number of members of the household. This is verified before any work is done on the structure.

The following is the base line income eligibility used by most energy programs.

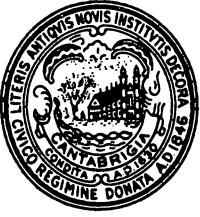
INCOME ELIGIBILITY STANDARDS

PROGRAM	MCAF	NORTH/EAST STABILIZATION	**WEATHERIZATION (WAP)		
Income guidelines	Fuel Ass't	HIP Section 8	(DOE)	(HHS)	(MWAP)
household size					
1	8,505	18,000	6,225	7,470	8,715
2	11,445	20,700	8,400	10,080	11,760
3	12,330	23,250	10,575	12,690	14,805
4	14,850	25,850	12,750	15,300	17,850
5	17,370	27,450	14,925	17,910	20,895
6	19,890	28,100	17,100	20,520	23,940
7	22,410	30,700	19,275	23,130	26,985
8	24,930	32,300	21,450	25,740	30,030
each additional person:			2,175	2,610	3,045

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NOTE: AFDC and SSI recipients qualify automatically in most cases.

The Residential Energy Programs are a series of Federal and State funded grants designed to provide comprehensive energy assistance to low-income residents of the City of Cambridge. The Programs are successful in their outreach to households in need. We look forward to the upcoming year as we have been awarded new grants with greater potential to serve our constituents. If we can be of further assistance in providing information about these programs please call on us.



CITY OF CAMBRIDGE

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EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

April 8, 1985

To the Honorable, the City Council:

I transmit herewith a communication from Kathy A. Spiegelman, Assistant City Manager for Community Development, relative to the Energy Programs Summary.

Very truly yours,

Robert W. Healy
City Manager

RWH/b

Agenda Item NO. 12

3-259

Re: enclosing the Energy Programs Summary as
prepared by the Community Development Dept.

In City Council,

April 8, 1985

-4/8/1985-

Placed on File.