



## **Weatherization & Your HDFC: Agenda**

### Welcome and Introduction

1. What is Weatherization?
2. Making it Happen
3. Pros and Cons of Weatherization

Wrap-Up

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If you have any questions, contact:

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## **Summary 1: What is Weatherization?**

**Weatherization** is the process of protecting a building's exterior and interior from outside elements, particularly sunlight, precipitation, and wind. Weatherization modifies a building to reduce energy consumption and optimize energy efficiency.

### **Advantages of weatherization may include:**

- Long-term collective building savings on energy costs
- Improved standard of living in apartment building and/or individual units
- Increased air quality inside building
- Individual savings on energy bills
- Reduction of air pollutants in building's neighborhood.
- Decreased impact on the environment

### **Weatherization measures MAY include:**

- Heating system tune-up, repairs or replacement
- Heating system timer upgrade
- Pipe and boiler jacket insulation
- Main and riser vent upgrade
- Basement and roof infiltration reduction work
- Radiator maintenance
- Door weather-stripping and repair
- Energy Efficient Refrigerators
- Hallway window and skylight repair or replacement
- Workshop for maintenance personnel
- Low-watt light installation
- Replacement doors and windows

### **Some steps residents can take toward energy efficiency in individual apartments:**

- Installation of energy efficient appliances
- Replacement of standard light bulbs with energy efficient bulbs
- Unplug small appliances (lamps, TVs, computers) when not in use
- Close shades and blinds in warm weather to reduce A/C usage
- Caulking windows to reduce drafts
- Installation of low-flow faucet and shower heads

## **Making it Happen**

### **Step 1: Intake**

We will need participation from **all residents** to get your building into the program. You will need to provide us with a month's worth of income information. At least 50% of residents must fall under the following income level:

1-Person Family:	\$25,548
2-Person Family	\$33,408
3-Person Family	\$41,268
4-Person Family	\$49,128
5-Person Family	\$56,988
6-Person Family	\$64,848

### **Step 2: Energy Audit**

Once your building qualifies we will conduct an Energy Audit. This will be a test of your building systems to determine what work needs to be done. We will need access to **all apartments**.

### **Step 3: Agree on Scope of Work**

We will discuss the results of the Energy Audit with you to determine what work will get done.

### **Step 4: Construction**

UHAB will supervise the construction. During the construction process we may need access to individual apartments, so everyone's cooperation is necessary.

### **Step 5: Final Inspection**

Once the work is completed, UHAB will do a pre-inspection. Then DHCR (Department of Housing and Community Renewal) will do the final inspection.

### Summary 3: Pros and Cons of Weatherization

Weatherization is a great opportunity for buildings that want to increase their energy efficiency, and create savings through renovations. Below is a general list of pros and cons that may be associated with weatherization.

	<b>Pros</b>	<b>Cons</b>
<b>Financial</b>	<ol style="list-style-type: none"> <li>1. Lowered cost for electricity, water, fuel, and heat</li> <li>2. Increased savings for the co-op</li> <li>3. Opportunity to discuss the use of savings</li> <li>4. \$50 cost per unit to participate in the program (below market rate fee)</li> </ol>	<ol style="list-style-type: none"> <li>1. Potential loss of workday</li> <li>2. \$50 cost per unit to participate in the program (may cause financial hardship on individuals)</li> <li>3. Follow-up costs to ensure that weatherization is effective</li> <li>4. Audit may reveal additional problems not related to weatherization.</li> </ol>
<b>Environmental</b>	<ol style="list-style-type: none"> <li>1. Less pollution</li> <li>2. Less waste</li> <li>3. Increased awareness of energy efficiency</li> </ol>	<ol style="list-style-type: none"> <li>1. Possibility that individuals take less personal responsibility because of collective improvements</li> <li>2. Weatherization helps buildings become more energy conscious, but doesn't solve oil dependency.</li> <li>3. Disposal of old appliances that can't be recycled or reused.</li> </ol>
<b>Quality of Life</b>	<ol style="list-style-type: none"> <li>1. More self sufficiency</li> <li>2. More funds available for improvements</li> <li>3. Better living conditions (heat light, windows, water temp, roofs - depending on changes determined by audit process); building upgrades</li> <li>4. Opportunity to make decisions around group funds</li> <li>5. Opportunity to educate shareholders about energy efficiency.</li> </ol>	<ol style="list-style-type: none"> <li>1. Disruptions due to work in apartments</li> <li>2. Temporary relocation for an afternoon</li> <li>3. Adjustment period to upgraded systems</li> <li>4. Need to communicate pros and cons of weatherization to all residents.</li> </ol>