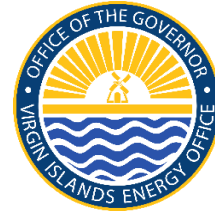




Government of the Virgin Islands of the United States
Virgin Islands Energy Office

Weatherization Assistance Program

Priority List



This Priority List is a list of measures in order of energy efficiency and energy savings that will be addressed at each single-family dwelling during the VIEO WAP Audit Inspection. All gathered information will be added to the VIEO Audit Inspection Form. Further instructions for each of these items' installation can be found in the VIEO Field Guide (FG).

Qualification Items:

1. **IRM Costs – (Incidental Repair Measure)** A repair necessary for the effective performance or preservation of newly installed weatherization materials, but not part of a standard installation. IRM installations must be associated with a specific Energy Conservation Measure (ECM or group of ECMs). IRMs must be justified by written and photo documentation in the client file. IRM costs must be included in the SIR calculation of the total package of weatherization measures.
 - a. Costs will not exceed \$500.00 per home.

Required Items:

2. **Light Emitting Diode (LED) lighting replacement** of all existing screw-based incandescent, halogen, compact fluorescent lighting, or pin-based fluorescent tube lighting used for a minimum of one hour per day.
3. **Refrigerators** Replace up to (1) refrigerator per home, with a label rating of less than 450kWh/yr. and maximum installed cost of \$2,000 per unit when the existing refrigerator:
 - a. Was manufactured before 2001, OR
 - b. Uses >800 kWh/yr. based upon energy use metering or industry accepted resource.
 - c. VIEO WAP may not connect through-the-door water/ice service.

Optional Items:

4. **Low-flow Water Devices (Showerhead)** Install low-flow showerheads in all applicable locations in the home.
 - a. Select showerheads rated for 2.5 gallons per minute (GPM) or less that include an antiscald valve.
5. **Low-flow Water Devices (Faucet Aerator)** Install low-flow faucet aerators in all applicable locations in the home.
 - a. Select faucet aerators with a flow rate of 2.2 GPM or less.
6. **Advanced Power Strips**
Advanced Power Strip (APS) devices are primarily designed to address both passive and active standby power targeted for home entertainment and PC (personal computer) environments. Two types of devices are allowed:
 - a. Motion sensing power strips that shut off power to controlled devices when no motion is detected for a set period regardless of the level of power draw; and

- b. IR sensing strips that shut off power to controlled devices when no IR signal is detected for a set period regardless of the level of power draw.
 - c. Devices must cost no more than \$75.00 to purchase and install.
- 7. Water Heater Timer/ Switches
 - a. Installation for electric resistance water heaters with an Energy Factor Rating (EF) under 0.90.
 - b. Minimum shut-off power for 6 hours per day.
 - c. The cost is limited to \$150.00.
- 8. AC (Through Wall)
 - a. Replace existing through wall air conditioners manufactured before 2014, or with an EER of 9.7 or lower, with a minimum of 12 CEER or higher unit of the same or lesser capacity.
- 9. AC (Window)
 - a. Replace existing window air conditioners manufactured before 2014, or with an EER of 9.7 or lower, with a minimum of 12 CEER or higher unit of the same or lesser capacity.
- 10. AC (Mini-Split)
 - a. Path 1: Replace existing window/room air conditioners larger than 12,000 btu and either manufactured before 2014, or with an EER of 9.7 or lower with a new ductless mini split rated for a minimum SEER of 19 of the same or lesser capacity.
 - b. Path 2: Replace existing ductless air conditioners (i.e., room air conditioners or mini-splits) manufactured before 2014, or with an EER of 10.1 (11.5 SEER) or lower with a new ductless mini-split rated for a minimum SEER of 19 of the same or lesser capacity.
- 11. Water Heater (Heat Pump) Use the DOE-approved Water Heater Savings Calculator to determine allowable cost and SIRs (Savings to Investment) for replacing the existing system with either a hybrid heat pump water heater or solar water heater. The replacement system showing the highest SIR must be installed.
 - a. The household must have a minimum of three people.
 - b. Replace only electric resistance water heaters.
 - c. The cost is limited to \$2,200.00.
- 12. Solar Hot Water Heater Use the DOE-approved Water Heater Savings Calculator to determine allowable cost and SIRs for replacing the existing system with either a hybrid heat pump water heater or solar water heater. The replacement system showing the highest SIR must be installed.
 - a. The household must have a minimum of 3 people.
 - b. Replacement of electric resistance water heaters only.
 - c. Minimum usage should be at least 6 hours per day.
 - d. Cost is limited to \$5,300.00 which is the average cost in the USVI.