

Implementation Manual Updates: April, 2013

Programmatic Changes



General Policy

Effective Immediately

Change: The change notice policy has been revised to more clearly reflect which changes require a minimum of six months of notice prior to implementation. This policy replaces the previous use of positive (no notice required)/negative (six months of notice required) changes.

Minimum of Six Months of Notice Required	No Notice Required
Savings change up or down	New measure
Reimbursement change up or down	Optional lighting calculators
Adding or substituting a requirement	Removing a requirement

Rationale: The positive/negative definitions were problematic because of their subjective nature. Based on a proposal from the USB, we've refined the change notice policy.



Commercial Sector

Presenter: Allie Robbins



Commercial Sector

Effective Immediately: Updates to Energy Smart Grocer

Change: Energy Smart Grocer (ESG) projects forecast to be completed after September 30, 2013 may not be eligible to receive ESG program support.

Rationale: BPA is currently working through an evaluation process to consider the status of the ESG program beyond September 30, 2013.

Change: In the ESG program, BPA has removed and relaxed restrictions on program participation changes.

Rationale: BPA is working to increase flexibility in program offerings.

Change: There is now a process for requesting ESG program performance payment.

Rationale: The Manual stated that a customer could earn performance payments on ESG project savings, but previously did not instruct customers how to request that payment.



Commercial Sector

Effective Immediately:

Change: Specifications for the Commercial Ice Makers measure have been clarified to correct inconsistencies, and the minimum reimbursement has been corrected.

Rationale: The measure formerly required that units be CEE Tier 2 (ENERGY STAR) or CEE Tier 3 qualified. CEE tiers for ice makers have shifted, and the Tier 3 classification no longer exists in CEE listings. In addition, the reimbursement has been corrected to align with the Interim Reference Deemed Measure List.

Change: Specifications for Ductless Heat Pumps in Commercial Buildings have been corrected. This expands acceptable applications. Reimbursements remain unchanged.

Rationale: The measure is intended to exclude buildings built after 2009, not 2007 as previously indicated.



Commercial Sector

Effective October 1, 2013

Change: Deemed Refrigeration Retrofit Measures, savings will change for a number of measures; six measures will expire, and reimbursement will change for a single measure.

Rationale: The RTF has changed savings and qualifying measures, and BPA is reflecting these changes. In addition, reimbursement for one measure will be reduced because the promotional reimbursement expired.



Residential Sector

Presenter: Sarah Fielding Moore



Residential Sector

Effective Immediately

Change: New measures have been added to the lighting section for LED lamps (retail markdown only) and an LED fixture (retail markdown, only). LED bulb measures for lumen categories where products do not yet exist are included in the Interim Reference Deemed Measure List, but without savings or reimbursement.

Rationale: The RTF approved these LED measures for retail markdown only.

Change: Customers without natural gas in their service territory may claim Clothes Washer electric domestic hot water/electric dryer unit energy savings without the verification of water heat fuel type.

Rationale: This option was approved by the RTF.



Residential Sector

Effective Immediately

Change: Clarifications and corrections to the Heat Pump Water Heater section:

- Homeowners may be contacted to participate in a study of Tier 2 heat pump water heaters, not heat pumps, and
- Tier 2 heat pump water heaters installed in an interior space without ducting, should be claimed as a Tier 1 measures.

Rationale: The previous language was ambiguous and required correction

Change: New measures have been added for Ductless Heat Pumps in single family homes and manufactured homes with existing electric forced air furnaces (functioning or not).

Rationale: BPA completed engineering analysis demonstrating cost effective savings for these applications and has BPA-qualified these measures.



Residential Sector

Effective Immediately: PTCS Updates

Change: BPA has clarified that customers must report the PTCS site registry measure ID in the BPA Energy Efficiency Reporting System.

Rationale: Though required in the Deemed Measure Upload Template, this requirement was unintentionally omitted from the Manual.

Change: BPA eliminated the requirement for customers to inspect PTCS projects in their territory. BPA is now responsible for PTCS quality assurance, including all projects completed during the period that customers were previously responsible for quality assurance (from October 1, 2012 – March 30, 2013).

Rationale: This requirement was eliminated in response to customer concerns regarding the implementation of quality assurance requirements. BPA is working to determine how future quality assurance will be implemented.



Residential Sector

Effective Immediately

Change: All references to “geothermal heat pump” have been replaced with “ground source heat pump”.

Rationale: These changes were applied for consistency with language in the Ground Source Heat Pump specifications.

Change: New measures have been added for New ENERGY STAR Multifamily Construction.

Rationale: The Northwest Energy Efficiency Alliance recently developed, and BPA has adopted, a New ENERGY STAR Multifamily Construction specification with corresponding Building Option Packages for electric heat pumps, electric zonal and gas HVAC systems



Residential Sector

Effective Immediately

Change: New measures have been added for Prime Window and Patio Door replacement (U-Factor .22) in single family, manufactured and low income homes.

Rationale: The RTF recently provided unit energy savings for Class 22 windows and Class 30 patio doors.

Change: Mechanical ventilation requirements are now optional for manufactured home window and insulation measures. This option does not apply to whole house air sealing.

Rationale: BPA has concluded that the installation of air leakage reduction within insulation and window measures does not tighten a manufactured home to the point of needing mechanical ventilation. In response, Section O of the 2006 RTF Specification, Mechanical Ventilation, is no longer a requirement by BPA.



Residential Sector

Effective October 1, 2013

Change: Savings for specialty CFLs will be reduced by approximately 2 kWh per measure (see IM for detail). There will be no change to the reimbursement.

Rationale: The RTF updated savings for these measures.

Change: Savings and reimbursement for manufactured home weatherization measures (insulation, windows and air sealing) will be changed. In most cases savings will decrease and reimbursements will increase (see IM for detail). Reimbursements will be available on all measures.

Rationale: The RTF updated the savings for these measures using SEEM 94 (modeling software).



Agricultural Sector

Presenter: Jennifer Eskil



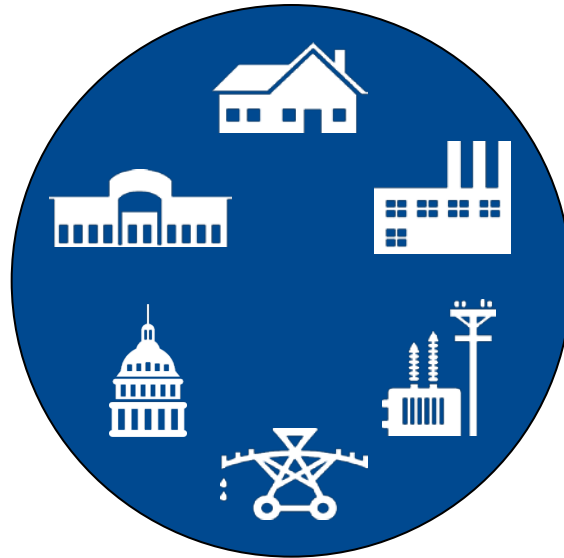
Agricultural Sector

Effective Immediately

Change: The Irrigation System Upgrades measures have been clarified to reflect requirements in the Interim Reference Deemed Measure List, as follows:

- All flow controlling nozzles, impact sprinkler nozzles on center pivots, or lateral move systems must be replaced.
- All replacement nozzle for impact sprinkler nozzles on center pivots, or lateral move systems must be replaced.
- All pipe section and riser cap gaskets on wheel-lines, hand lines, or portable main lines must be upgraded.

Rationale: This correction brings uniformity to the Manual, the Interim Reference Deemed Measure List, and RTF measure description that requires the entire line be upgraded.



Multi Sector Presenter:

Multi-Sector

Effective Immediately: Non Residential Lighting

Change: The Non-Residential Lighting Program section has been reorganized.

Rationale: This section was revised to

- Remove redundant information contained in the lighting calculator
 - Incorporate the corrections announced in the February 21, 2013 update and
 - Provide general clarification and accessibility of information.
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Change: The Non-Residential Lighting Program requirements have been expanded to allow any project (not just industrial) estimated to provide more than 200,000 kWh in annual energy savings to be submitted as a custom project.

Rationale: BPA is working to expand program offerings.

Multi-Sector

Effective October 1, 2013: Non Residential Lighting

Change: Non-Residential Lighting projects, the B/C ratio must be greater than or equal to 0.5.

Rationale: In the past, program language has stated all jobs must be cost effective, but without enforcement in the lighting calculator. This requirement will impact only the most non-cost effective projects, as Lighting Calculator 3.0 will better enable customers to capture non-energy project savings which can positively affect the B/C ratio.

Multi-Sector

Effective Immediately

Change: Some small corrections have been made to more accurately reflect the procedures and terminology for custom projects and programs.

Rationale: The language was aligned to match current practices and terminology uses.

Change: The Electric Storage Water Heaters section mistakenly requested end-user identifying information in the reporting system. That requirement has been removed.

Rationale: This was a typo that required correction.



Multi-Sector

Effective October 1, 2013

Change: Savings will go up slightly for the residential application of electric storage water heaters less than 75 gallons and down for 75-99.9 gallon and 100-119.9 gallon water heaters. There will be no change to the reimbursement.

Rationale: The RTF updated savings for these measures.

Change: Savings for refrigerator decommissioning will decrease from 525 to 462 kWh and savings for freezer decommissioning will decrease from 606 to 521 kWh. There will be no changes to the reimbursement.

Rationale: The RTF updated savings for these measures.