2017-2019 Implementation Manual Updates
Changes Effective Oct. 1, 2017

September 21, 2017
We’re trying out a new presentation template!

- measure changes
- payment changes
- savings changes
- changes and corrections
IM Non-Programmatic Updates
Presenter: Elissa Newton
Definitions

Corrections

- Aligned the residential and commercial multifamily definitions.
- A new definition clarifying when “limited changes” can be made.

<table>
<thead>
<tr>
<th>CHANGES TAKING EFFECT IN THE OCTOBER BI-ANNUAL IM WITH 6 MONTHS NOTICE IN THE APRIL CHANGES DOCUMENT</th>
<th>CHANGES TAKING EFFECT IN OCTOBER AND APRIL CHANGES DOCUMENT WITHOUT NOTICE</th>
<th>CHANGES TAKING EFFECT AT ANYTIME WITHOUT NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Savings change: up or down</td>
<td>New measure</td>
<td>Corrections</td>
</tr>
<tr>
<td>Payment amount change: up or down</td>
<td>Optional calculators</td>
<td>Limited changes to calculators and forms</td>
</tr>
<tr>
<td>Adding or substituting a requirement</td>
<td>Removal of a requirement</td>
<td></td>
</tr>
<tr>
<td>Expiration of a measure</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Corrections

- The IM has become more aligned with the new Energy Conservation Agreements (ECAs).
Section 2: Funding

Corrections

- References to Exhibit A’s have been removed.
- Large Project Program (LPP) is terminated.
- Clarification regarding utility SRR status changes.
- Removal of a requirement to make calculating partially self-funded custom projects easier.
Section 3: General Requirements

Corrections

• Documentation retention policy reduced to “4 years after the measure has been invoiced”
• Sections 3.5 Other Requirements and 3.6 Liability Requirements have been deleted
Section 4: Custom Projects

Change –
New Calculator

- New Option 1 custom project calculator, version 4.1.
- New Option 2 custom project calculator, version 3.1.
Agricultural Sector
Presenter: David Lee
Section 6: Agricultural

Measure Expiration

- SIS is expiring December 31, 2018.
Commercial Sector
Presenter: John Wilson
Section 7: Commercial

Change: New Calculator

New lighting calculator (LC), version 4.0, est’d release in January 2018

IM now has a distinct sections for LC v3.3 and LC v4.0

Utilities can still use LC v3.3 through Sept. 30, 2019
Section 7: Commercial

Lighting Calculator 4.0 Highlights

<table>
<thead>
<tr>
<th>Product Category</th>
<th>Incentives</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLED</td>
<td>Dropping to $4 / lamp</td>
</tr>
<tr>
<td>Medium base screw-in LED</td>
<td>Dropping to $2-4 / lamp</td>
</tr>
<tr>
<td>New category for mogul base LED products</td>
<td>Lower incentives than fixtures</td>
</tr>
<tr>
<td>New category for Low Bay &amp; High Bay with Advanced Controls</td>
<td>$60 – 100 premium incentives</td>
</tr>
<tr>
<td></td>
<td>Deemed Measures, with 40% assumed additional savings</td>
</tr>
</tbody>
</table>

No more market average baseline for T12 lamps

Maintain calculator “**look and feel**”

Several other minor changes
Corrections

1. Updated the **rounding language** for DHPs, ASHPs, VRF, and Advanced Roof Top Controls.

Customers now have two options before reporting to BPA:

- Sum the tons from the retrofitted RTU’s installed and then round to the nearest whole ton; or
- Round each individual retrofitted RTU to the nearest whole ton, then sum all rounded tons.
Section 7: Commercial

Corrections (Cont’d)

2. Updated Commercial Insulation

Measure list has been modified to provide clarity

Redundant measures have been consolidated

Some incentives have been increased
IM Document Library

Sorted alphabetically (consistent with Residential)

Heat Pump and VRF specifications – now separated

Project Information Forms – refreshed! Now include checkboxes for Trade Ally membership

Removed Heat Pump tool
Industrial Sector
Presenter: Todd Amundson
Corrections

- Expanded the sector definition to include rail infrastructure.
Residential Sector – Part 1
Presenter: Dave Murphy
Section 10: Residential

New Measures

• TLEDs
• HPWHs
  • Sanden CO2
  • Unitary HPWH
  • Split-System HPWH
Section 10: Residential

Changes:
Removal of Requirements

- Advanced Power Strips customer survey
- HPWH
  - Manufacture training
  - HPWH form

Advanced Power Strip Qualified Products List
Advanced Power Strip Survey Home Entertainment Center (print version)
Advanced Power Strip Survey Personal Desktop Computer (print version)
Best Practices for Installing Ductless Heat Pumps
Ductless Heat Pump Qualified Products List
Ductless Heat Pump Installation Form (effective October 1, 2016)
Heat Pump Water Heater Program Form
Heat Pump Water Heater Qualified Products List
Linear Fluorescent Fixture Qualified Products List
Section 10: Residential

Changes - Lighting

- No CFLs after October 1, 2017
- UES Measure Changes effective October 1 with reduced LED savings and incentives
Corrections

- Clarified the basis for energy savings for LEDs
- Clarification has been added to the Simple Steps Smart Savings program regarding measure availability.
Residential Sector – Part 2
Presenter: Jessica Kramer
New Measures

- DHPs
  - Multiple-heads
  - Upgrades
Changes -
Removal of Requirements

- ResHVAC will *not* be increasing the HSPF requirement to 10.0 as previously noticed.
- Removed a “per home” documentation requirement for Line Voltage Thermostats.
Corrections

- **DHPs**
  - Washington customer *are* eligible to install a DHP in home additions.
  - Correcting a payment error for Manufactured Homes in All States ($1,000).
  - California, Nevada and Wyoming *are* eligible to install a DHP in new construction homes.
Residential Sector – Part 3
Presenter: Jess Kincaid
Section 10: Residential

New Measures – New Construction

- Added a higher tier for New Northwest Energy Efficiency Manufactured Housing (NEEM)
- Added a Manufactured Home Replacement Measure
** BPA will host a BrownBag on residential new construction October 3 that details all new construction measures and changes **
New Measures – Low Income

- Heat Pump Water Heaters
  - New payments for Tier 1 and Tier 2/3
  - Follow standard measure requirements
- Air Source Heat Pumps
  - New payment
  - Follow standard measure requirements
Corrections –
New Construction

- Corrected the program name to New Northwest Energy Efficient Manufactured House (NEEM).
- Removed the version numbers for Single-Family New Construction Performance Path.
Corrections – Weatherization (Standard Income)

- Wx measures are only available for existing homes.
- The Wx Field Guide is only required for single family and manufactured homes.
Corrections –
Weatherization (Low Income)

- MF income qualifications may be made by building or complex
- Removed specs and referred the reader back to the standard income Wx section
- Added additional examples of methods for documenting income.
Utility Distribution
Presenter: Tony Koch
Correction

- Streamlined the requirements and specifications of the voltage optimization (VO) measure.
If you have any additional questions, please don’t hesitate to contact your Energy Efficiency Representative.