

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.

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



Section 1: Introduction

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.

	A	B	C	D	E	F	G
1	Enter your information into the white space below starting with row 8...						
2	See rows 4 and 5 below for required and optional fields						
3	Version		4.0				
4	For Proposals:	Required	Optional	Required	NA	Required	NA
5	For Completion Reports:	Required	Optional	Required	Required	Required	Required
6		Measure Inputs		Measure Cost		Site Savings	
7	Technology / Activity / Practice (TAP) (Calculated based on RefNo)	Measure RefNo	Measure Name	Estimated (Proposal) (\$)	Actual (Completion Report) (\$)	Estimated (Proposal) (kWh)	Actual (Completion Report) (kWh)
8							

Navigation: Project Information / Proposal / **Measure Input** / Completion Report / Project Summary / Measure_List



Agricultural Sector

Presenter: David Lee

Section 6: Agricultural



Measure Expiration

- SIS is expiring December 31, 2018.





Commercial Sector

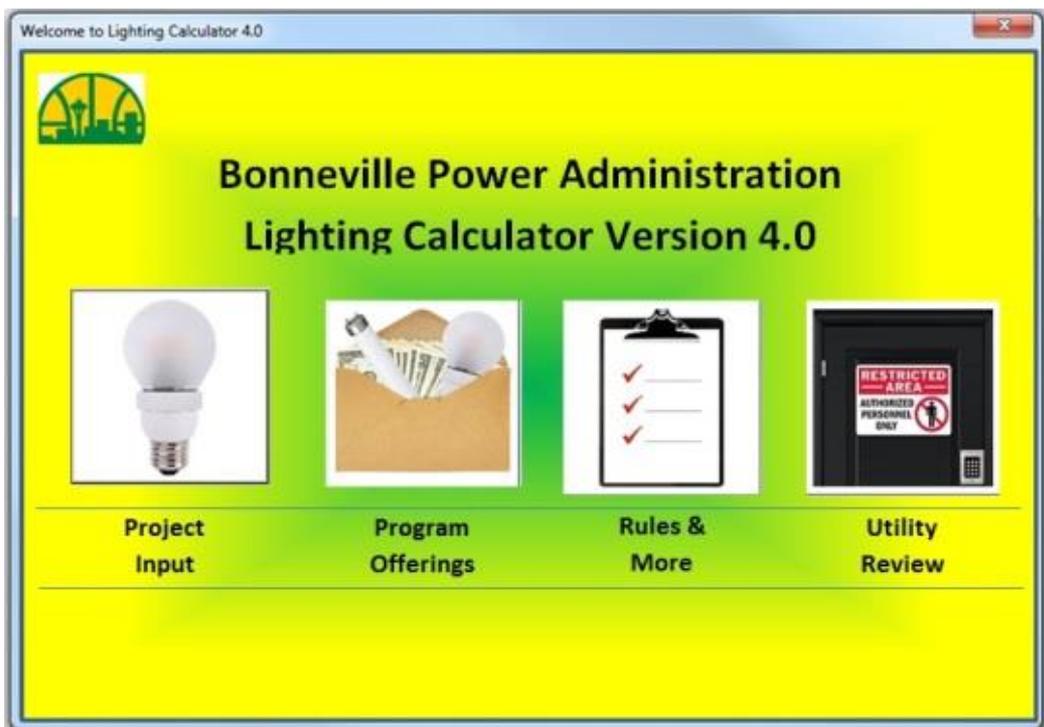
Presenter: John Wilson





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

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

No more market average baseline for T12 lamps

Maintain calculator “**look and feel**”

Several other minor changes



Section 7: Commercial

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.

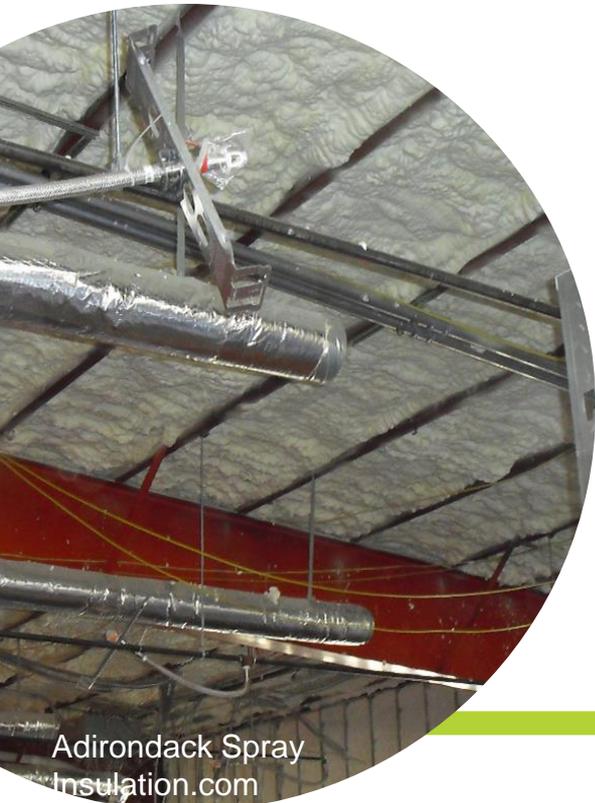




Section 7: Commercial

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**



Section 7: Commercial

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



Section 9: Industrial

Corrections

- Expanded the sector definition to include rail infrastructure.





Residential Sector – Part 1

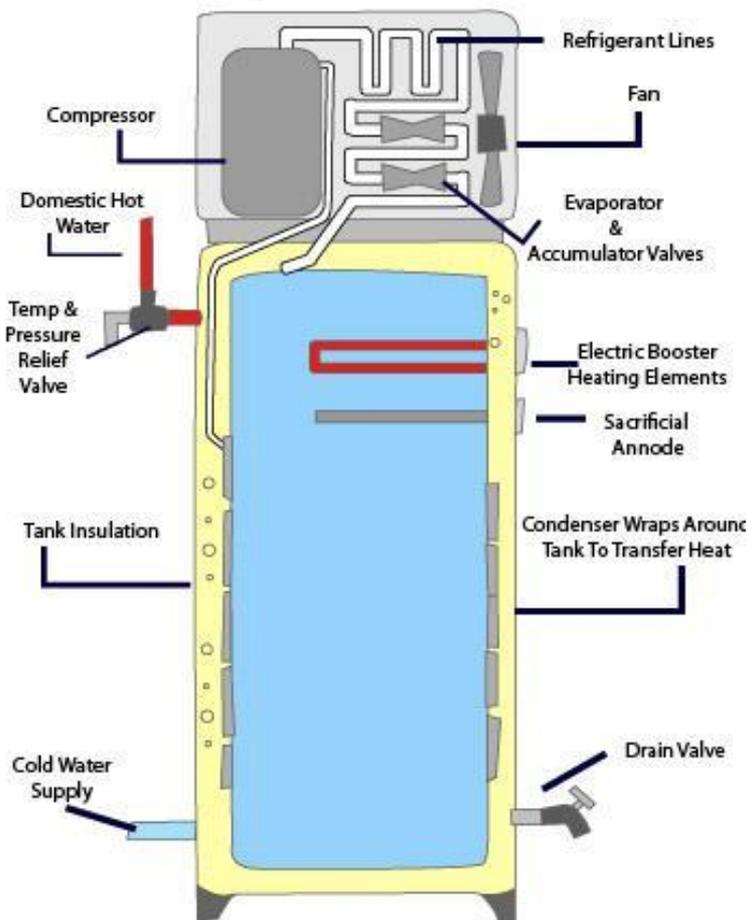
Presenter: Dave Murphy



Section 10: Residential

New Measures

Heat Pump Water Heater



- TLEDs
- HPWHs
 - Sanden CO2
 - Unitary HPWH
 - Split-System HPWH



Section 10: Residential

Changes: Removal of Requirements

- Residential Sector
 - 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

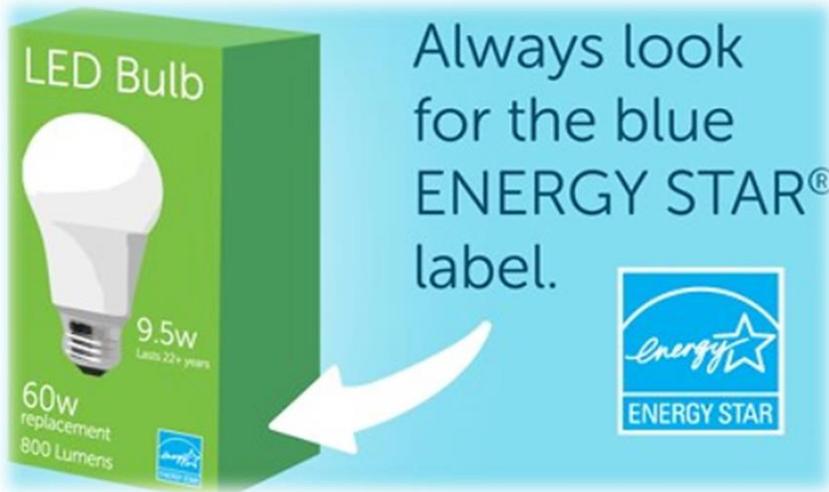




Section 10: Residential

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



Section 10: Residential

New Measures



- DHPs
 - Multiple-heads
 - Upgrades



Section 10: Residential

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.



Section 10: Residential

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

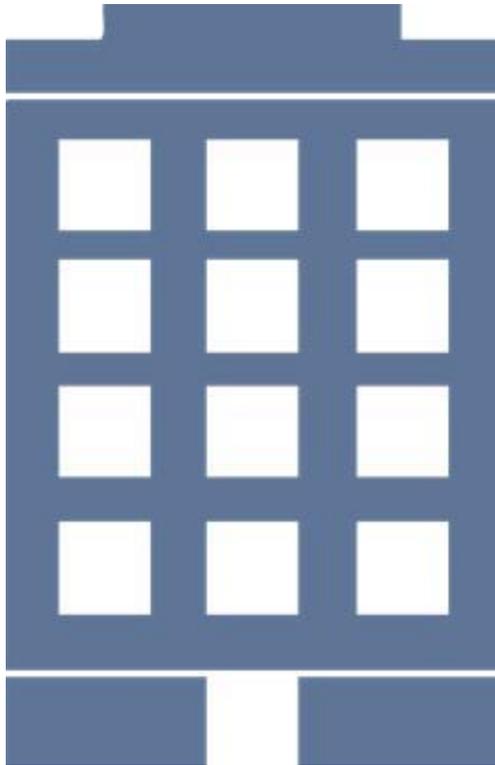
- Added a higher tier for New Northwest Energy Efficiency Manufactured Housing (NEEM)
- Added a Manufactured Home Replacement Measure





Section 10: Residential

New Measures – New Construction



- BPA Energy Efficiency New Multifamily Construction
- BPA Zero Energy Ready New Multifamily Construction.

**** BPA will host a BrownBag on residential new construction October 3 that details all new construction measures and changes ****



Section 10: Residential

New Measures – Low Income

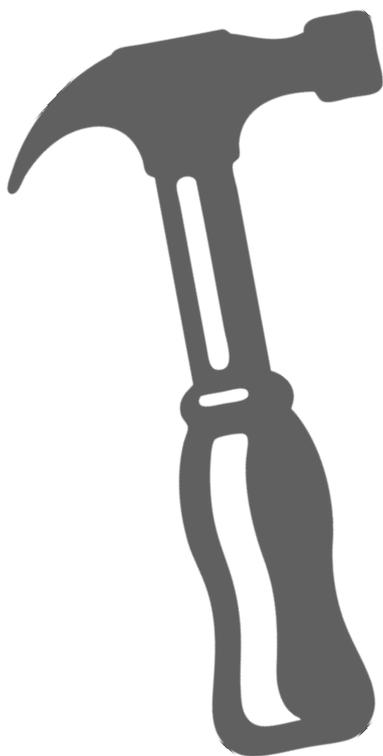


- Heat Pump Water Heaters
 - New payments for Tier 1 and Tier 2/3
 - Follow standard measure requirements
- Air Source Heat Pumps
 - New payment
 - Follow standard measure requirements



Section 10: Residential

Corrections – New Construction

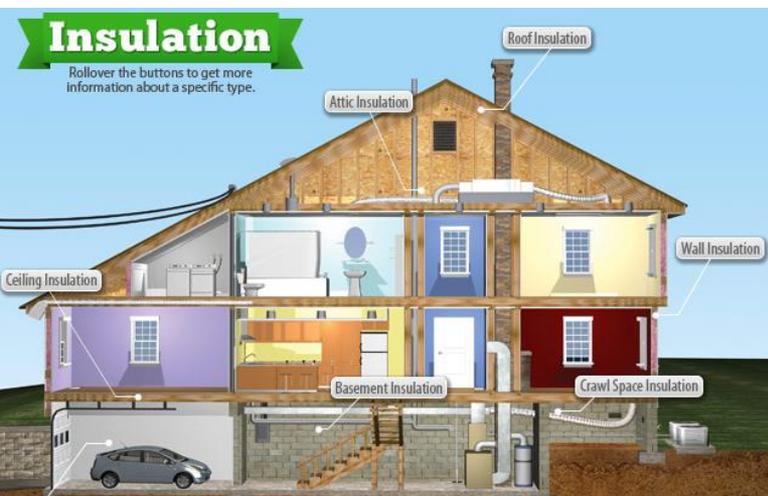


- Corrected the program name to New Northwest Energy Efficient Manufactured House (NEEM).
- Removed the version numbers for Single-Family New Construction Performance Path.



Section 10: Residential

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

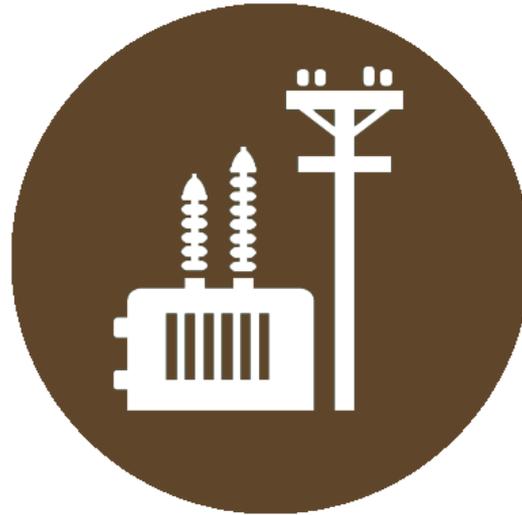


Section 10: Residential

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



Section 11: Utility Distribution

Correction

- Streamlined the requirements and specifications of the voltage optimization (VO) measure.



Questions



If you have any additional questions, please don't hesitate to contact your Energy Efficiency Representative.