

# Commercial Energy Efficiency January 2019 Updates

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**January 10, 2019**



# Today's Updates:

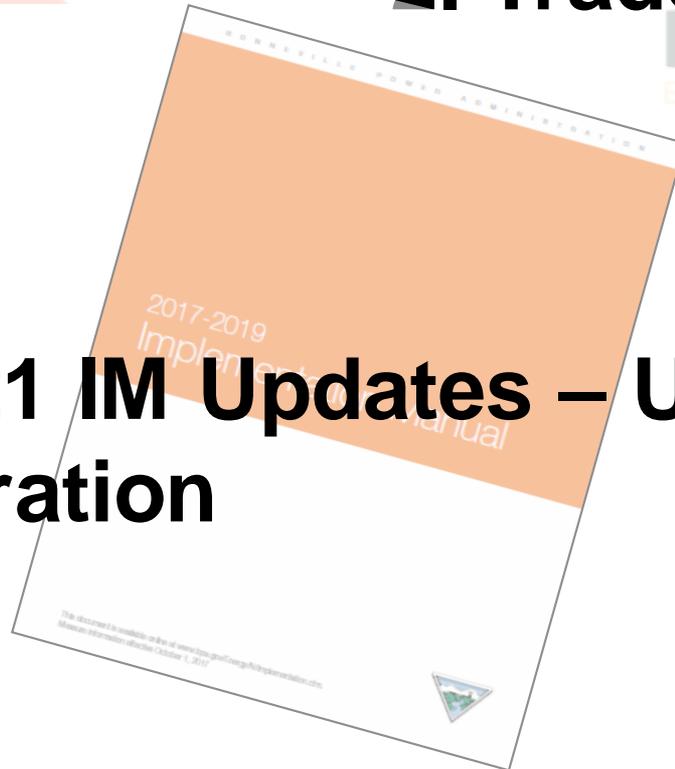
**1. Nonres Lighting**



**2. Trade Ally Network**



**3. 2020-2021 IM Updates – Under Consideration**





# **Nonres Lighting**

# Background

- **RTF** continues to adjust baseline and decrease Residential Lighting savings every year
- **Non-Residential Lighting** somewhat buffered by larger sites and higher hours of operation
- **LEDs** more common in the market; incremental costs decreasing
- **BPA EE resource** need lowers emphasis on lighting
- **LC 5.0** an opportunity to adjust payments in light of changes in the market

# Lighting Calculators

<b>Version</b>	<b>Effective Date</b>	<b>Retirement Date</b>
<b>LC 3.3</b>	<b>October 1, 2014</b>	<b>September 30, 2019</b>
<b>LC 4.0</b>	<b>April 2, 2018</b>	<b>September 30, 2019</b>
<b>LC 5.0</b>	<b>April 1, 2019 – No fooling!</b>	<b>TBD</b>

# Lighting Payment Changes

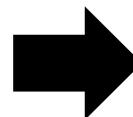
## Category

## LC 4.0

## LC 5.0

**Calculated**

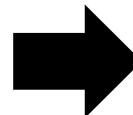
**\$0.18 per kWh**



**\$0.13 per kWh**

**Custom**

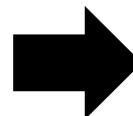
**\$0.18 per kWh**



**\$0.13 per kWh**

**TLEDs**

**\$4.00 per tube**



**\$2.00 per tube**

# Lighting Payment Changes

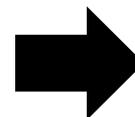
## Category

## LC 4.0

## LC 5.0

**Exit signs**

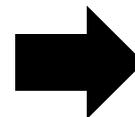
**\$40 per sign**



**\$20 per sign**

**Linear  
fluorescent**

**Multiple  
payment  
types**



**Removed**

# LC 5.0: Good to Knows

**LC 5.0** includes these new payment levels

**LC 5.1** – Early development

- Release date TBD
- Specific performance improvements TBD
  - Processing speed
  - Quirky stuff

**Transitioning Trade Allies** to LC 5.0



# TRADE ALLY NETWORK<sup>NW</sup>

Building Success Together

# General Update

- **Marketing materials** available to co/rebrand
- **Field Guide** nearing completion
- **Website** adds new resources regularly!
- Keep an eye on your inbox: **newsletter**
- All-come/ integrated **lighting and HVAC** trainings



# Workshop Agenda

## General Session

### Breakout: Lighting

- Lighting Controls

### Breakout: HVAC

- Adv. Rooftop Controls
- DHPs



# Schedule

## The NETWORK WORKSHOP TOUR 2019

TUESDAY, FEBRUARY 12, 2019	SPOKANE, WA
WEDNESDAY, FEBRUARY 13, 2019	KENNEWICK, WA
WEDNESDAY, FEBRUARY 20, 2019	SPRINGFIELD/EUGENE, OR
TUESDAY, MARCH 19, 2019	SHELTON, WA
WEDNESDAY, MARCH 20, 2019	EVERETT, WA
THURSDAY, MARCH 21, 2019	TACOMA, WA
TUESDAY, APRIL 9, 2019	IDAHO FALLS, ID
TUESDAY, APRIL 16, 2019	VANCOUVER, WA
TUESDAY, APRIL 23, 2019	KALISPELL, MT

Stay tuned for registration details!

# Workshop Deep Dives

## Networked Lighting Controls

- Tuesday, April 30, 2019 Springfield/ Eugene, OR
- Wednesday, April 24, Idaho Falls Power, ID

**E-learning** courses launching Jan./Feb. 2019 at [tradeallynetworknw.com](http://tradeallynetworknw.com)



# **2020-2021 Implementation Manual**

# Heat Pump Family

IN PROGRESS TO FINALIZE

Measure	Est'd Payment	Notes
Heat Pump Upgrade	Currently \$200/ton; Under review	New specification; Now embedded into IM
Heat Pump Retrofit (Nee "Conversion")	Currently \$500/ton; Under review	New specification; Now embedded into IM
DHP Upgrade (NEW!)	TBD; Under review	For new DHPs or replacing existing DHPs
DHP Retrofit	Currently \$800/ton; Under review	Specifications under review
Var. Refrig. Flow (VRF)	Currently \$800/ton; Under review	New specification; Now embedded into IM

# Heat Pump Specifications

Air source heat pumps and variable refrigerant flow have been based on Consortium for Energy Efficiency (CEE) specifications.

DHPs have shared a spec and a QPL with the Residential Sector.

→ Looking at moving the **Commercial Heat Pump family of measures to a market-based methodology** using Air-conditioning, Heating, and Refrigeration Institute (AHRI) data

# Other

IN PROGRESS TO FINALIZE

Measure	Est'd Payment	Notes
Adv. Rooftop Controls	ARC Lite: \$100-\$150 → Est'd \$100/ton ARC Full: \$150-225 → Est'd \$200/ton	Replace BPAQ measure with RTF measure
Connected Thermostats	Initial install: Est'd \$200/thermostat Annual programming reverification (NEW!): Est'd \$100/reverification	Replace BPAQ measure with RTF measure
Water Heaters	Electric Resistance → Sunset HPWH → Move to Residential as a cross-sector measure	
Insulation & Windows	Under review for potential payment increase	



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Thank  
You!

