Table D 1: Appliances – Alignment with RTF Unit Energy Savings

| **Measure** | **FinAnswer Express Measure Type** | | **RTF Measure Information** | | | **Recommended Information** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Deemed | Other | Deemed Savings | Status | Sunset Date | Savings Aligned with RTF | Explanation of Variance in Savings | Source |
| [Clothes Washers (Commercial)](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=90) |  |  |  | Active 4/16/2013 | 3/31/2015 | NO | Savings are a weighted average of calculated RTF values. Calculations use RTF methodology/baseline with ENERGY STAR minimum efficiency criteria and DOE weighted average cycles per year. | ENERGY STAR, DOE, CEE, RTF |
| [Clothes Washers (Residential)](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=118) |  |  |  | Active 9/17/2013 | 2/28/2015 | NO | Identical to HES. | RTF, HES/TRL |
| [Room Air Conditioners](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=140) |  |  |  | Deactivated 5/15/2012 | N/A | N/A | Identical to HES. | RTF, HES/TRL |
| [Water Heaters (Residential)](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=125) |  |  |  | Active 9/18/2012 | N/A | NO | Identical to HES. | RTF, HES/TRL |
|  | | | | | | | | |

Table D 3: Envelope – Alignment with RTF Unit Energy Savings

| **Measure** | **FinAnswer Express Measure Type** | | **RTF Measure Information** | | | **Recommended Information** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Deemed | Other | Deemed Savings | Status | Sunset Date | Savings Aligned with RTF | Explanation of Variance in Savings | Source |
| Cool Roofs |  |  |  | 1 |  | N/A |  | NEXANT (DEER, PG&E,) |
| [Commercial Roof Insulation](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=171) |  |  |  | None  (2/1/11) |  | N/A | RTF motion to approve deemed savings estimates for small commercial weatherization failed on a split vote. (2/1/2011)  Modeled savings account for specific program eligibility requirements relative to existing (retrofit) or code-compliant (new construction/major renovation) building. Energy model accounts for climate variation specific to utility service territory.2 | NEXANT (eQUEST) |
| [Commercial High Efficiency Windows](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=171) |  |  |  | None  (2/1/11) |  | N/A | NEXANT (eQUEST) |
| [Commercial Wall Insulation](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=171) |  |  |  | None  (2/1/11) |  | N/A | NEXANT (eQUEST) |
| Reflective Window Film |  |  |  | 1 |  | N/A |  |  |
| 1. RTF has not defined Unit Energy Savings for this measure. | | | | | | | | |

Table D 5: Food Service – Alignment with RTF Unit Energy Savings

| **Measure** | **FinAnswer Express Measure Type** | | **RTF Measure Information** | | | **Recommended Information** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Deemed | Other | Deemed Savings | Status | Sunset Date | | Savings Aligned with RTF | Explanation of Variance in Savings | Source |
| [Dishwasher (Residential unit in commercial facility)](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=119) |  |  |  | Active  (12/11/2012) | 5/31/2014 | NO | | Identical to HES. | RTF, HES/TRL |
| [Refrigerators (Residential unit in commercial facility)](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=122) |  |  |  | Active  (4/16/2013) | 4/30/2015 | NO | | Identical to HES. | RTF |
| [Refrigerators - Transparent Door (Commercial)](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=94) |  |  |  | Active  (10/24/12) | 1/1/2016 | NO | | Recommended values based on ENERGY STAR v 3 efficiency criteria, with DOE NOPR baseline. RTF values based on ENERGY STAR v2 and CFR 2010 baseline. | RTF, ENERGY STAR, DOE |
| Air-Cooled Ice Machines (Air-cooled) |  |  |  | Out-of-compliance  (10/24/2012) | 11/30/2013 | NO | | RTF efficiency requirements do not match current CEE, ENERY STAR requirements. | ENERGY STAR. RTF, CEE, DOE |
| [Electric Commercial Fryers](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=98) |  |  |  | Active  (7/16/2013) | 7/31/2018 | YES  (Tier 2) | | RTF efficient case for calculating savings higher than program minimum efficiency requirement (ENERGY STAR). Used RTF data/recommended efficiency to define additional high-efficiency Tier 2 and calculate savings relative to FSTC Base Efficiency Fryer baseline. | RTF, ENERGY STAR, FSTC |
| Dishwasher (Commercial unit) |  |  |  | Out-of-compliance  (10/24/2012) | 11/30/2013 | NO | | RTF baseline for calculating savings higher than program minimum efficiency requirement (ENERGY STAR). | RTF,ENERGY STAR |
| [Electric Insulated Holding Cabinets](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=99) |  |  |  | Active  (7/16/2013) | 7/31/2018 | NO | | RTF size categories do not align with program minimum efficiency (ENERGY STAR) size categories. | RTF, ENERGY STAR |
| [Electric Steam Cookers](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=101) |  |  |  | Active  (7/16/2013) | 7/31/2018 | YES  (Tier 2) | | RTF efficient case for calculating savings higher than program minimum efficiency requirement (ENERGY STAR). Used RTF data/recommended efficiency to define additional high-efficiency Tier 2 excluding RTF market penetration de-rating. | RTF, ENERGY STAR |
| [Electric Convection Oven](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=97) |  |  |  | Active  (7/16/2013) | 7/31/2018 | NO | | RTF efficient case for calculating savings higher than program minimum efficiency requirement (ENERGY STAR). Utilized RTF savings calculator with ENERGY STAR minimum efficiency requirement. | RTF, ENERGY STAR |
| Electric Griddle |  |  |  | 1 |  | N/A | |  | ENERGY STAR |
| [Electric Combination Oven](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=96) |  |  |  | Active  (7/19/2013) | 7/31/2018 | YES | | No variance in savings. Eligibility aligns with program minimum efficiency requirements. | FSTC, RTF, PG&E |
| [LED Refrigeration Case Lighting](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=104) |  |  |  | Reach-in case  Active  (12/11/2012) | 6/30/2015 | YES | | Averaged RTF savings for T8 retrofits. | RTF |
|  |  |  | Open Cases  Out-of-compliance  (1/23/2013) | 1/23/2015 | YES | | Averaged RTF savings for T8 retrofits. | RTF |
| Demand Controlled Kitchen Ventilation |  |  |  | 1 |  | N/A | |  |  |
| [Anti Sweat Heater Controls](http://rtf.nwcouncil.org/measures/measure.asp?id=158) |  |  |  | Active (9/17/13) | 9/30/2016 | Yes | | No variance in savings. Eligibility aligns with program minimum efficiency requirements. | RTF |
| 1. RTF has not defined Unit Energy Savings for this measure. | | | | | | | | | |

Table D 6: HVAC – Alignment with RTF Unit Energy Savings

| **Measure** | **FinAnswer Express Measure Type** | | **RTF Measure Information** | | | **Recommended Information** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Deemed | Other | Deemed Savings | Status | Sunset Date | Savings Aligned with RTF | Explanation of Variance in Savings | Source |
| Unitary Commercial Air-Conditioners, Air-Cooled |  |  |  | 1 |  | N/A |  |  |
| Unitary Commercial Air-Conditioners, Water & Evap-Cooled |  |  |  | 1 |  | N/A |  |  |
| Heat Pumps, Air-Cooled |  |  |  | 1 |  | N/A |  |  |
| Heat Pumps, Water-Source |  |  |  | 1 |  | N/A |  |  |
| Packaged Terminal Air Conditioners (PTAC) |  |  |  | 1 |  | N/A |  | NEXANT |
| Packaged Terminal Heat Pump (PTHP) |  |  |  | 1 |  | N/A |  | NEXANT |
| Evaporative Cooling |  |  |  | 1 |  | N/A |  | NEXANT |
| Chillers |  |  |  | 1 |  | N/A |  |  |
| Occupancy Based PTHP/PTAC Control |  |  |  | 1 |  | N/A |  | XCEL ENERGY |
| Indirect/Direct Evaporative Coolers |  |  |  | 1 |  | N/A |  |  |
| Portable Classroom Control |  |  |  | 1 |  | N/A |  | NEXANT  (eQUEST) |
| Ground Source/ Geothermal Heat Pumps |  |  |  | 1 |  | N/A |  |  |
| Variable Refrigerant Flow |  |  |  | 1 |  | N/A |  |  |
| Evaporative Pre-Cooling |  |  |  | 1 |  | N/A |  |  |
| 1. RTF has not defined Unit Energy Savings for this measure. | | | | | | | | |

Table D 8: Lighting – Alignment with RTF Unit Energy Savings

| **Measure** | **FinAnswer Express Measure Type** | | **RTF Measure Information** | | | **Recommended Information** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Deemed | Other | Deemed Savings | Status | Sunset Date | Savings Aligned with RTF | Explanation of Variance in Savings | Source |
| T8 Fluorescents |  |  |  | 1 |  | N/A |  |  |
| T5 Fluorescents |  |  |  | 1 |  | N/A |  |  |
| CFLs |  |  |  | 1 |  | N/A |  |  |
| Ceramic Metal Halides (CMH) |  |  |  | 1 |  | N/A |  |  |
| Pulse Start Metal Halides (PSMH) |  |  |  | 1 |  | N/A |  |  |
| Lighting Controls |  |  |  | 1 |  | N/A |  |  |
| Exit Signs |  |  |  | 1 |  | N/A |  |  |
| LED Message Center and Channel Letter Signs |  |  |  | 1 |  | N/A |  | NEXANT |
| Cold Cathodes |  |  |  | 1 |  | N/A |  |  |
| Induction |  |  |  | 1 |  | N/A |  |  |
| LEDs |  |  |  | 1 |  | N/A |  |  |
| Advanced Daylighting Control |  |  |  | 1 |  | N/A |  |  |
| LED Marquee Cabinet Signs |  |  |  | 1 |  | N/A |  | NEXANT |
| Other Lighting |  |  |  | 1 |  | N/A |  |  |
| 1. RTF has not defined Unit Energy Savings for this measure. | | | | | | | | |

Table D 9: Motors and VFD – Alignment with RTF Unit Energy Savings

| **Measure** | **FinAnswer Express Measure Type** | | **RTF Measure Information** | | | **Recommended Information** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Deemed | Other | Deemed Savings | Status | Sunset Date | Savings Aligned with RTF | Explanation of Variance in Savings | Source |
| VFDs  (HVAC Applications) |  |  |  | 1 |  | N/A |  | NEXANT |
| [Green Motor Rewinds - Agricultural](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=85) |  |  |  | Active  (4/16/2013) | 10/31/2017 | YES |  | RTF |
| [Green Motor Rewinds - Industrial](http://www.nwcouncil.org/energy/rtf/measures/measure.asp?id=115) |  |  |  | Active  (4/16/2013) | 10/31/2017 | YES |  | RTF |
| 1. RTF has not defined Unit Energy Savings for this measure. | | | | | | | | |