

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)	✓		✓	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)	✓		✓	Active 9/17/2013	2/28/2015	NO	Identical to HES.	RTF, HES/TRL
Room Air Conditioners	✓			Deactivated 5/15/2012	N/A	N/A	Identical to HES.	RTF, HES/TRL
Water Heaters (Residential)	✓		✓	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	✓		✓	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	✓		✓	None (2/1/11)		N/A		NEXANT (eQUEST)
Commercial Wall Insulation	✓		✓	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)	✓		✓	Active (12/11/2012)	5/31/2014	NO	Identical to HES.	RTF, HES/TRL
Refrigerators (Residential unit in commercial facility)	✓		✓	Active (4/16/2013)	4/30/2015	NO	Identical to HES.	RTF
Refrigerators - Transparent Door (Commercial)	✓		✓	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, ENERGY STAR requirements.	ENERGY STAR. RTF, CEE, DOE
Electric Commercial Fryers	✓		✓	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	✓		✓	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

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
Electric Steam Cookers	✓		✓	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	✓		✓	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	✓		✓	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	✓		✓	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	✓		✓	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	✓		✓	Active (4/16/2013)	10/31/2017	YES		RTF
Green Motor Rewinds - Industrial	✓		✓	Active (4/16/2013)	10/31/2017	YES		RTF

1. RTF has not defined Unit Energy Savings for this measure.