ROCKY MOUNTAIN POWER
A DIVISION OF PACIFICORP

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Salt Lake City, Utah 84111

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April 30, 2015

VIA OVERNIGHT DELIVERY

Jean D. Jewell
Commission Secretary
Idaho Public Utilities Commission
472 W. Washington
Boise, ID 83702-5983

Re: Annual 2014 Idaho Demand Side Management Report

Dear Ms. Jewell:

Rocky Mountain Power ("Company") hereby submits for filing seven (7) copies of the 2014 Annual Demand Side Management Report, pursuant to Order No. 29976 from Case No. PAC-E-05-10.

The Company respectfully requests that all formal correspondence and requests regarding this filing be addressed to one of the following:

By E-mail (preferred): datarequest@pacificorp.com

By regulator mail: Data Request Response Center
PacifiCorp
825 NE Multnomah Blvd., Suite 2000
Portland, OR 97232

For any informal questions, please contact Ted Weston, Manager, Idaho Regulatory Affairs, at (801) 220-2963.

Sincerely,

Bill Comeau/B

Bill Comeau
Director, Demand Side- Management

Enclosures

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Idaho Energy Efficiency and Peak Reduction Annual Report

January 1, 2014 – December 31, 2014

Issued April 30, 2015

ROCKY MOUNTAIN POWER

Let's turn the answers on.

1912–2012 100 Years

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List of Abbreviations and Acronyms

CFL	Compact Fluorescent Lighting
CAPAI	Community Action Partnership Association of Idaho
DSM	Demand-Side Management
EICAP	Eastern Idaho Community Action Plan
GWh	Gigawatt-hour
HVAC	Heating, Ventilation and Air Conditioning
IDHW	Idaho Department of Health and Welfare
IRP	Integrated Resource Plan
kWh	Kilowatt hour
LED	Light-emitting Diode
LIHEAP	Low Income Home Energy Assistance
MW	Megawatt
PCT	Participant Cost Test
PTRC	Total Resource Cost Test with 10 percent adder
RIM	Ratepayer Impact Measure Test
Schedule 191	Customer Efficiency Services Rate
SEICAA	SouthEastern Idaho Community Action Agency
TRC	Total Resource Cost Test
UCT	Utility Cost Test

EXECUTIVE SUMMARY

Rocky Mountain Power ("Company") working in partnership with its retail customers and with the approval of the Idaho Public Utilities Commission ("Commission") acquires energy efficiency and peak reduction resources as cost-effective alternatives to the acquisition of supply-side resources. These resources assist the Company in efficiently addressing load growth and contribute to the Company's ability to meet system peak requirements. Company energy efficiency and peak reduction programs provide participating Idaho customers with tools that enable them to reduce or assist in the management of their energy usage while reducing the overall costs to the Company's customers. These resources are relied upon in resource planning as a least cost alternative to supply-side resources.

This report provides details on program results, activities, expenditures, and Customer Efficiency Service Charge - Schedule 191 ("Schedule 191") - revenue for the performance period from January 1, 2014, through December 31, 2014. The Company, on behalf of its customers, invested $3.2 million in energy efficiency resource acquisitions during the reporting period. The investment yielded approximately 12.7 gigawatt-hours in first year savings[1] and approximately 2.6 megawatts of capacity reduction from energy efficiency[2]. Net benefits based on the projected value of the energy efficiency program savings over the life of the individual measures are estimated at $2.2 million[3]. The cost effectiveness of the energy efficiency portfolio from various perspectives is provided in Table 1.

The Company also offers an irrigation load management program to agricultural customers in the state of Idaho. The Idaho Public Utilities Commission ordered that the costs for this program should be system allocated therefore, these costs are not recovered through Schedule 191. Additional information on the irrigation load management program is provided later in this report.

[1] Reported savings at generation
[2] See Appendix 1 for explanation on how the capacity contribution savings values are calculated.
[3] See Table 1 – Utility Cost Test Net Benefits.

Table 1 – Cost Effectiveness Energy Efficiency Portfolio (Including Non-Energy Benefits)

	Benefit/Cost Ratio	Net Benefits
Total Resource Cost Test plus 10 percent ("PTRC") – total resource cost with the addition of environmental and non-energy benefits[4]	1.59	$2,323,305
Total Resource Cost Test ("TRC")[5]	1.45	$1,777,650
Utility Cost Test ("UCT")[6]	1.69	$2,234,424
Participant Cost Test ("PCT")[7]	4.10	$8,461,876
Ratepayer Impact ("RIM")[8]	0.54	($4,734,470)

The energy efficiency portfolio was cost effective based on four of five standard cost effectiveness tests for the reporting period. The ratepayer impact measure test was less than 1.0 indicating near-term upward pressure was placed on the price per kilowatt-hour given a reduction in sales. Annual performance information for 2014 cost effectiveness is provided in detail in Appendix 2.

On November 13, 2014, the Commission approved the consolidation of Electric Service Schedule No. 140, Non-Residential Energy Efficiency and canceled Electric Service Schedules: No. 115 - FinAnswer Express; No. 125 – Energy FinAnswer; and No. 155 – Agricultural Energy Services. This report consolidates the program results previously reported separately under each of these three programs into one program hereafter referred to as ***watts***mart® business.

The Company, working with its third-party delivery administrators[9] collaborates with the following number of retailers, contractors, and vendors in the delivery of its energy efficiency programs in the state of Idaho:

[4] The TRC plus 10 percent includes a benefit adder to account for non-quantified environmental and non-energy benefits of conservation resources over supply-side alternatives.

[5] The TRC compares the total cost of a supply-side resource to the total cost of energy efficiency resources, including costs paid by the customer in excess of the program incentives. The test is used to determine if an energy efficiency program is cost effective from a total cost perspective.

[6] The UCT compares the total cost incurred by the utility to the benefits associated with displacing or deferring supply-side resources.

[7] The PCT compares the portion of the resource paid directly by participants to the savings realized by the participants.

[8] The RIM examines the impact of energy efficiency on utility rates. Unlike supply-side investments, energy efficiency programs reduce energy sales. Reduced energy sales lowers revenues (see UCT) putting upward pressure on rates as the remaining fixed costs are spread over fewer kilowatt-hours.

[9] See program specific sections for backgrounds on third-party administrators.

Table 2 - Energy Efficiency Infrastructure

Sector	Type	No.
Residential	Upstream Retailers	8
	Appliances Retailers	22
	HVAC[10] Contractors	18
	Insulation Contractors	20
	Low Income Agencies	2
Commercial and Industrial	Lighting Trade Allies	67
	HVAC Trade Allies	36
	Motors & VFD Trade Allies	38
	Engineering Firms	22

[10] Heating, ventilation and air conditioning

2014 PERFORMANCE

Program and Sector level results for 2014 are provided in Table 3[11].

Table 3
Idaho Program Results for January 1, 2014 – December 31, 2014[12]

Program	kWh/Yr Savings (at site)	kWh/Yr Savings (at generator)	Program Expenditures
Low Income Weatherization (21)	52,320	58,319	$ 182,097
Refrigerator Recycling (117)	652,505	727,321	$ 110,601
Home Energy Reporting			$ 20,473
Home Energy Savings (118)	4,864,284	5,422,023	$ 922,206
Total Residential	**5,569,109**	**6,207,663**	**$ 1,235,376**
wattSmart Business Agricultural	1,771,625	1,974,441	$ 489,578
wattSmart Business Commercial	3,793,140	4,200,865	$ 837,589
wattSmart Business Industrial	276,492	297,290	$ 397,201
Total wattsmart Business	**5,841,257**	**6,472,595**	**1,724,368**
Total Energy Efficiency	**11,410,366**	**12,680,258**	**2,959,744**
Commercial & Industrial Evaluation Costs			$ 110,685
Residential Evaluation Costs			$ 93,900
Low Income Energy Conservation Education			$ 25,000
Outreach & Communications			$ 4,989
Technical Reference Library			$ 14,488
DSM Central			$ 13,309
Total System Benefit Expenditures - All Programs			**$ 3,222,115**

See Appendix 3 for breakdown of program expenditures by category.

[11] Program development for the *Home Energy Report* program occurred during 2014 in parallel to gaining general support for offering the program in Idaho. No reports were mailed in 2014, therefore no savings were claimed and only minimal costs were incurred.

[12] The values at generation include line losses between the customer site and the generation source. The Company's line losses by sector for 2014 are 11.47 percent for residential, 10.75 percent for commercial, 7.52 percent for industrial and 11.45 percent for irrigation.

REGULATORY HISTORY

During the reporting period the Company filed a number of compliance and/or informational reports, updates and requests with the Commission in support of the Company programs. The following is a list of those filings:

- On November 7, 2013, in Case No. PAC-E-13-15, the Company filed for approval of a one-time customer credit to refund over collection of Schedule 191 Customer Efficiency Services rate ("Schedule 191"). The refund was approved by the Commission in Order No. 32967 on January 23, 2014 and the refund to customers was completed in February 2014.
- On February 28, 2014 the Company posted the public notice for updates to the Home Energy Savings Program after reviewing changes with Idaho Staff. The changes were effective April 13, 2014.
- On April 28, 2014, pursuant to Order No. 29976, the Company submitted its 2013 Idaho Energy Efficiency and Peak Reduction Annual Report.
- On May 22, 2014, in Advice No. 14-01, the Company filed for approval of tariff modifications to Schedule 117 – Residential Refrigerator Recycling Program. The Commission approved the request on June 23, 2014 with an effective date of July 1, 2014.
- On July 7, 2014, in Case No. PAC-E-14-07, the Company filed an application requesting the Commission rule on the prudency of the Company's demand-side management ("DSM") expenditures for calendar years 2010 through 2013. Commission Order No. 33188 issued December 3, 2014 found that the Company's DSM expenditures for 2010-2013 were prudently incurred.
- On August 22, 2014, in Case No. PAC-E-14-08, the Company filed an application requesting authorization to consolidate Electric Service Schedules: No. 115 - FinAnswer Express; No. 125 – Energy FinAnswer; and No. 155 – Agricultural Energy Services, with modification, under a new Electric Service Schedule No. 140, Non-Residential Energy Efficiency, and cancel these three Electric Service Schedules effective November 1, 2014. Commission Order No. 33178 issued November 13, 2014 approved the Company's application effective the date of the order.
- On December 9, 2014, pursuant to Order No. 33188 in Case No. PAC-E-14-07, the Company filed compliance tariffs to remove Schedule 8 from Schedule 191.

Meetings with Idaho Staff

The Company consulted with Idaho Staff throughout 2014 on the following matters:

<u>February 18, 2014</u>

- Reviewed the one-time bill credit which began February 1, 2014;
- Provided an overview of program performance;
- Previewed the 2013 Annual Report and the upcoming Prudency Filing;

- Presented residential program updates (See ya later, refrigerator® and Home Energy Savings);
- Presented a proposal to consolidate business programs into one ***watts***mart Business program;
- Discussed the possible introduction of a Home Energy Reports program in Idaho.

July 28, 2014 – Phone Conference

- Discussed the proposal to cancel Schedules 115, 125, and 155 and to consolidate them under a new Electric Service Schedule No. 140.

August 13, 2014

- Reviewed the 2013 Annual Report and the Prudency Filing for 2010 through 2013 DSM expenses;
- Presented a proposal for a Home Energy Reports program in Idaho;
- Provided residential program updates (See ya later, refrigerator and Home Energy Savings);
- Provided an update on the status of the proposal to consolidate business programs into one ***watt***smart Business program;
- Presented an enhanced communications plan for Idaho and proposed campaign messaging;
- Provided an update on Load Control Programs;
- Provided Idaho highlights of the Conservation Potential Assessment;
- Reviewed evaluation reports for the See ya later, refrigerator and Home Energy Saving programs and the current evaluation schedule.

Schedule 191, Customer Efficiency Services Rate Balancing Account Summary

In Case Number PAC-E-05-10 (Order No. 29976) the Commission approved the recovery of all DSM program costs through Schedule 191, with exception of the expenses associated with the irrigation load control program[13]. Schedule 191 charges appear as a line item on customer bills. The Company books eligible DSM program costs as incurred to the balancing account.

Schedule 191 balancing account activity for 2014 is outlined in Table 4.

Table 4
Schedule 191 Balancing Account Activity

State of Idaho
Summary - Balancing Account

	Monthly Program Cost	Monthly Net Accrued Costs *	Rate Recovery	Carrying Charge	Cash Basis Accumulated Balance	Accrual Basis Accumulated Balance
Balance as of 12/31/13					$ (908,882)	$ (625,565)
January	$ 199,728	$ (35,032)	$ (274,741)	$ (789)	$ (984,684)	$ (736,399)
February	$ 277,055	$ (97,033)	$ 1,184,794	$ (211)	$ 476,955	$ 628,206
March	$ 267,760	$ 1,897	$ (215,906)	$ 419	$ 529,227	$ 682,376
April	$ 272,076	$ (11,315)	$ (203,781)	$ 469	$ 597,991	$ 739,825
May	$ 170,588	$ 23,832	$ (264,860)	$ 459	$ 504,178	$ 669,843
June	$ 325,554	$ (18,826)	$ (490,453)	$ 351	$ 339,629	$ 486,468
July	$ 193,932	$ 41,276	$ (583,010)	$ 121	$ (49,327)	$ 138,788
August	$ 213,804	$ 91,181	$ (520,272)	$ (169)	$ (355,964)	$ (76,668)
September	$ 315,637	$ (22,472)	$ (318,779)	$ (298)	$ (359,405)	$ (102,580)
October	$ 223,462	$ 13,618	$ (243,510)	$ (308)	$ (379,761)	$ (109,319)
November	$ 224,967	$ 244,026	$ (228,009)	$ (318)	$ (383,121)	$ 131,348
December	$ 476,261	$ (11,622)	$ (247,787)	$ (224)	$ (154,871)	$ 347,975
2014 totals	**$ 3,160,823**		**$ (2,406,315)**	**$ (498)**		
* December 2014 total accrual		$ 502,846				

Column Explanations:

Monthly Program Costs: Monthly expenditures for all energy efficiency program activities.

Monthly Net Accrued Costs: Monthly net change of program costs incurred during the period not yet posted.

Rate Recovery: Revenue collected through Schedule 191.

Carrying Charge: Monthly "interest" charge based on "Cash Basis Accumulated Balance" of the account. The current "interest rate" for the Accumulated Balance is 1 percent per year.

Cash Basis Accumulated Balance: A running total of account activities. A negative accumulative balance means cumulative revenue exceeds cumulative expenditures; positive accumulative balance means cumulative expenditures exceed cumulative revenue.

Accrual Basis Accumulative Balance: Current balance of account including accrued costs.

[13] Commission Order 32196, in Case No. PAC-E-10-07, ruled that costs associated with the Idaho Irrigation Load Control Program should be system allocated not situs assigned to Idaho customers and recommended the Company treat the benefits of the program as a system resource for cost recovery purposes.

PLANNING PROCESS

Integrated Resource Plan

The Company develops a biennial integrated resource plan ("IRP") as a means of balancing cost, risk, uncertainty, supply reliability/deliverability and long-run public policy goals.[14] The plan presents a framework of future actions to ensure the Company continues to provide reliable, reasonable-cost service with manageable risks to the Company's customers. Energy efficiency and peak management opportunities are incorporated into the IRP based on their availability, characteristics and costs.

Energy efficiency and peak management resources are divided into four general classes:

- Class 1 DSM (Resources from fully dispatchable or scheduled firm capacity product offerings/programs) – Capacity savings occur as a result of active Company control or advanced scheduling. After customers agree to participate, the timing and persistence of the load reduction is involuntary on their part within the agreed limits and parameters.
- Class 2 DSM (Resources from non-dispatchable, firm energy and capacity product offerings/programs) – Sustainable energy and related capacity savings are achieved through facilitation of technological advancements in equipment, appliances, lighting and structures or sustainable verifiable changes in operating and maintenance practices, also commonly referred to as energy efficiency resources.
- Class 3 DSM (Resources from price responsive energy and capacity product offerings/programs) – Short-duration energy and capacity savings from actions taken by customers voluntarily based on pricing incentives or signal.
- Class 4 DSM (Resources from energy efficiency education and non-incentive based voluntary curtailment programs/communications pleas) – Energy and/or capacity reduction typically achieved from voluntary actions taken by customers to reduce costs or benefit the environment through education, communication and/or public pleas.

Class, 1, 2 and 3 DSM resources are included as resource options in the resource planning process. Class 4 DSM actions are not considered explicitly in the resource planning process, however, the impacts are captured naturally in long-term load growth patterns and forecasts.

As technical support for the IRP, a third-party demand-side resource potential assessment (Potentials Assessment) is conducted to estimate the magnitude, timing and cost of energy efficiency and peak management resources.[15] The main focus of the Potentials Assessment is on resources with sufficient reliability characteristics that are anticipated to be technically feasible and assumed achievable during the IRP's 20-year planning horizon. The estimated achievable energy efficiency potential identified in the 2015 Potentials Assessment for Idaho is 468

[14] Information on the Company's integrated resource planning process can be found at the following address: http://www.pacificorp.com/es/irp.html

[15] PacifiCorp Demand-Side Resource Potential Assessment For 2015-2034, http://www.pacificorp.com/es/dsm.html.

gigawatt hours (GWh) by 2034, or 20 percent of projected baseline loads.[16] By definition this is the energy efficiency potential that may be achievable to acquire during the 20-year planning horizon; prior to screening for cost-effectiveness through the Company's integrated resource planning process.

The achievable technical potential of Class 2 (energy efficiency) resources for Idaho by sector is shown in Table 5. The 2015 Potentials Assessment indicates that approximately 4 percent of the achievable technical potential for the Company, excluding Oregon,[17] is available within its Idaho service area.[18]

Table 5
Idaho Energy Efficiency Achievable Technical Potential by Sector

Sector	Cumulative GWh in 2034	Percent of Baseline Sales
Residential	184	21%
Commercial	195	29%
Industrial	33	12%
Irrigation	18	10%
Street Lighting	1	34%

Demand-side resources vary in their reliability, load reduction and persistence over time. Based on the significant number of measures and resource options reviewed and evaluated in the Potentials Assessment, it is impractical to incorporate each as a stand-alone resource in the IRP. To address this issue, Class 2 DSM measures and Class 1 DSM programs are bundled by cost for modeling against competing supply-side resource options reducing the number of discrete resource options the IRP must consider to a more manageable number.

The evaluation of Class 2 DSM (energy efficiency) resources within the IRP is also informed by state-specific evaluation criteria in the development of supply-curves. While all states generally use commonly accepted cost-effectiveness tests to evaluate DSM resources, some states require variations in calculating or prioritizing the tests:

- Utah utilizes the Utility Cost Test (UCT) as the primary determination of cost effectiveness.
- Idaho, Oregon, and Washington utilize the Total Resource Cost (TRC) test and consider the inclusion of quantifiable non-energy benefits.
- Oregon and Washington, in addition to considering quantifiable non-energy benefits, apply an additional 10% benefit to account for non-quantifiable externalities, consistent with the Northwest Power Act.

[16] Ibid, Volume 2, page 4-2.
[17] Oregon energy efficiency potentials assessments are performed by the Energy Trust of Oregon.
[18] Volume 1, Page 4-2, PacifiCorp Demand-Side Resource Potential Assessment For 2015-2034.

Unless specified as above, the Total Resource Cost test is utilized as the primary determination of cost effectiveness in the resource planning process. However, the Company evaluates program implementation cost-effectiveness (both prospectively and retrospectively) under a variety of tests to identify the relative impact and/or value (e.g. near-term rate impact, program value to participants, etc.) to customers and the Company

PEAK REDUCTION PROGRAMS

Peak Reduction programs assist the Company in balancing the timing of customer energy requirements during heavy use summer hours; deferring the need for higher cost investments in delivery infrastructure and generation resources that would otherwise be needed to serve those loads for a select few hours each year. These programs help the Company maximize the efficiency of the Company's existing electrical system and reduce costs for all customers.

Irrigation Load Control

The *Irrigation Load Control* program was offered to irrigation customers receiving electric service on Schedule 10, Irrigation and Soil Drainage Pumping Power Service. Participants enrolled with a third party administrator to allow the curtailment of their electricity usage in exchange for a participation credit. For most participants, their irrigation equipment is set up with a dispatchable two-way control system giving the Company control over their loads. Under this control option, participants are provided a day-ahead notification in advance of control events and have the choice to opt-out of a limited number of dispatch events per season.

A summary of the program performance, participation and cost effectiveness results for the program period of June 9, 2014 – August 15, 2014 are provided in Tables 6 and 7.

Table 6
Irrigation Load Control Program Performance

Total Enrolled MW (Gross – at Gen)	290.4
Average Realized load (at Gen)	162
Maximum Realized load (at Gen)	177
Participation Customers	190
Participation (Sites)	1,185

Table 7
Cost Effectiveness for Irrigation Load Control

	Benefit/Cost Ratio
Total Resource Cost Test plus 10 percent	Pass
Total Resource Cost Test	Pass
Utility Cost Test	Pass
Participant Cost Test	N/A
Rate Payer Impact	Pass

Program Management

The program manager who is responsible for the *Irrigation Load Control* program in Idaho is also responsible for the *Irrigation Load Control* and *Cool Keeper* programs in Utah. For each

state the program manager is responsible for managing the program administrator, the cost effectiveness of the program, contracting with program administrator through a competitive bid process, establishing and monitoring program performance and compliance, and recommending changes to increase participation.

Program Administration

EnerNoc administers and manages the *Irrigation Load Control* program through a pay-for-performance structure and is responsible for all aspects of the program.

Load Control Events and Performance

There were four control events initiated in 2014. The date, time and estimated impact for each event is provided in Table 8.

Table 8
Irrigation Load Control Events

Date	Event	Event Times	Estimated Load Reduction - Idaho at Gen (MW)
7/10/14	1	4pm-8pm	-177
7/14/14	2	3pm-7pm	-163
7/17/14	3	3pm-7pm	-161
7/23/14	4	3pm-7pm	-147

Evaluation

No evaluation activities occurred during 2014.

ENERGY EFFICIENCY PROGRAMS

Energy efficiency programs are offered to all major customer sectors: residential, commercial, industrial and agricultural. The overall energy efficiency portfolio includes five programs: *Home Energy Saver* – Schedule 118, *Residential Refrigerator Recycling* – Schedule 117, *Low Income Weatherization* – Schedule 21, *Home Energy Reports, and* ***wattsmart*** *Business – Schedule 140.* Program savings and cost results for 2014 were provided in Table 3. Additional program information is provided below[19].

RESIDENTIAL PROGRAMS

The residential energy efficiency portfolio is comprised of four programs, *Home Energy Saver, Home Energy Reports, Residential Refrigerator Recycling* and *Low Income Weatherization.* As shown in Table 9, the residential portfolio was cost effective based on four of the five standard cost effectiveness tests for the 2014 reporting period. The ratepayer impact test was less than 1.0 indicating that there is near term upward pressure placed on the price per kilowatt-hour given a reduction in sales.

Table 9
Cost Effectiveness for Residential Portfolio (Including Non-Energy Benefits)

	Benefit/Cost Ratio	Net Benefits
Total Resource Test plus 10 percent	2.15	$1,553,202
Total Resource Cost Test	1.98	$1,314,604
Utility Cost Test	1.79	$1,056,707
Participant Cost Test	6.60	$4,603,319
Rate Payer Impact	0.52	($2,215,539)

Home Energy Saver Program

The *Home Energy Saver* program is designed to provide access to and incentives for more efficient products and services installed or received by customers in new or existing homes, multi-family housing units or manufactured homes for residential customers under Electric Service Schedules 1 and 36. Program participation by measure is provided in Table 10.

[19] The energy efficiency measures report is provided in Appendix 8.

Table 10
Eligible Program Measures (Units)

Measures	2014 Total Units	2014 Total Participants	2014 kWh @ site
Central Air Conditioner Equipment	3	3	285
Duct Sealing - Manufactured Homes	14	14	45,738
Efficient Gas Furnace with Electrically Commutated Motor	10	10	5,280
Heat Pump	7	7	39,087
Ductless Heat Pump	21	21	73,500
Electric Water Heater	11	10	1,377
Heat Pump Water Heater	1	1	881
Clothes Washer	287	286	35,269
Dishwasher	104	104	4,525
Freezer	1	1	94
Refrigerator	26	26	2,231
Evaporative Cooler	9	9	3,154
Insulation - Attic	36,973	24	38,729
Insulation - Floor	900	1	2,178
Insulation - Wall	6,970	4	9,176
Windows	3,110	25	9,197
Light Fixture	17,773	971	425,576
CFL Bulbs	53,887	5,389	967,822
LED Bulbs	622	622	19,222.51
wattsmart Starter Kits	7,512	7,512	3,180,964
Grand Total	**128,241**	**15,040**	**4,864,284**

2014 *Home Energy Saver* program performance results are provided in Table 11.

Table 11
Long-term Cost Effectiveness for Home Energy Saver Program

	Benefit/Cost Ratio	Net Benefits	Benefit/Cost Ratio	Net Benefits
	Including Non-energy benefits		*Excluding Non-energy benefits*	
Total Resource Cost Test plus 10 percent	2.76	$1,658,077	2.50	$1,412,806
Total Resource Cost Test	2.53	$1,444,081	2.27	$1,198,810
Utility Cost Test	2.32	$1,217,758	2.32	$1,217,758
Participant Cost Test	5.79	$3,938,667	5.49	$3,693,396
Rate Payer Impact	0.55	$-1,754,127	0.55	($1,754,127)

Program Management

The program manager who is responsible for the *Home Energy Saver* program in Idaho is also responsible for the program in California, Utah, Washington and Wyoming and the *New Homes* program in Utah. For each program and in each state the program manager is responsible for the cost effectiveness of the program, identifying and contracting with the program administrator through a competitive bid process, establishing and monitoring program performance and compliance, and recommending changes in the terms and conditions set out in the tariff.

Program Administration

The *Home Energy Savings* program is administered by CLEAResult.

CLEAResult is responsible for the following:

- Retailer and trade ally engagement – CLEAResult identifies, recruits, supports and assists retailers to increase the sale of energy efficient lighting, appliances and electronics. CLEAResult enters into promotion agreements with each lighting manufacturer and retailer for the promotion of discounted CFL and LED bulbs. The agreements include specific retail locations, lighting products receiving incentives and not-to-exceed annual budgets. Weatherization and HVAC trade allies engaged with the program are provided with program materials, training, and regular updates.
- Inspections – CLEAResult recruits and hires inspectors to verify on an on-going basis the installation of measures. A summary of the inspection process is in Appendix 4.
- Incentive processing and call-center operations – CLEAResult receives all requests for incentives, determines whether the applications are completed, works directly with customers when information is incorrect and/or missing from the application and processes the application for payment.
- Program specific customer communication and outreach – A summary of the communication and outreach conducted by CLEAResult on behalf of the Company is outlined in the Communication, Outreach, and Education section.

Infrastructure

The total number of participating retailers participating in the program is currently 28. The current count of participating retailers by measure group is provided in the Table 12. Detail of participating retailers is available in Appendix 5.

Table 12
Participating Retailers[20]

Lighting Retailers	Appliance Retailers	HVAC Contractors	Weatherization
8	22	18	20

[20] Some retailers/contractors may participate in the promotion of more than one measure group so the count of unique participating firms is less than the total count provide above.

Program Changes

In 2014, the *Home Energy Savings* program was modified to include:

- ***watts***mart Starter Kits with ENERGY STAR® lighting and WaterSense® products, depending on the customers' water heating type.
- Direct install duct sealing for customers in manufactured homes with forced air electric furnaces.

Evaluation

In January 2014, a process and impact evaluation was completed by a third party evaluator for program years 2011-2012. The primary objective of the evaluation report is to determine the extent to which participants in the Home Energy Savings program reduced their energy consumption due to the program. Secondary objectives are to report on customer satisfaction, program awareness and motivations for participation in the program. The results of the evaluation can be viewed at www.pacificorp.com/es/dsm/idaho.html. The Company's response to the recommendations and web link to the evaluation report are included in Appendix 6.

Home Energy Reports

Program development for the *Home Energy Report* program occurred during 2014 in parallel to gaining general support for offering the program in Idaho. The program's implementation schedule was estimated to be between 12 and 18 weeks. No reports were mailed in 2014[21] therefore no savings were claimed and only minimal costs were incurred.

This program is designed to better inform residential customers about their energy usage by providing comparative energy usage data for similar homes located in the same geographical area. In addition, the report provides the customer with information on how to decrease their energy usage. Equipped with this information, customers can modify behavior and/or make structural equipment, lighting or appliance changes to reduce their overall electric energy consumption.

Program Management

The program manager overseeing *Home Energy Reports* program activity in Idaho is also responsible for the program in Utah, Washington and Wyoming as well as the *See ya later, refrigerator* program in Idaho, California, Utah, Washington and Wyoming. For each program and in each state the program manager is responsible for the cost effectiveness of the program, identifying and contracting with the program administrator through a competitive bid process, establishing and monitoring program performance and compliance, and recommending changes in the terms and conditions set in each state's compliance requirements.

[21] Reports launched beginning in January, 2015.

Program Administration

The *Home Energy Reports* program is administered by Opower.

Refrigerator Recycling

The *Refrigerator Recycling* program, also known as "*See ya later, refrigerator*," is designed to decrease electricity use through voluntary removal and recycling of inefficient refrigerators and freezers that are a minimum of 10 cubic feet and a maximum of 32 cubic feet in size. Participants receive a $50 incentive for each qualifying refrigerator or freezer recycled through the program and an energy-saving kit which includes two CFLs, a refrigerator thermometer card, energy-savings educational materials, and information on other efficiency programs relevant to residential, commercial and industrial customers. Participating retailers receive an incentive of up to $20 for each qualifying refrigerator or freezer picked up. In the third quarter, the program was expanded to include pickups from business customers and retailers.

Program participation by measure is provided in Table 13.

Table 13
Eligible Program Measures (Units)

Measures	2014 Total	2014 kWh @ site
Refrigerators	480	492,912
Freezers	137	141,577
Kits	567	18,016
Total	1,184	652,505

2014 *Refrigerator Recycling* program performance results are provided in Table 14.

Table 14
Long-term Cost Effectiveness for Refrigerator Recycling

	Benefit/Cost Ratio	Net Benefits
Total Resource Cost Test plus 10 percent	1.54	$60,130
Total Resource Cost Test	1.40	$44,609
Utility Cost Test	1.40	$44,609
Participant Cost Test [22]	0.47	($172,148)
Rate Payer Impact	N/A	$430,355

In 2014, more than 80,210 pounds of metal, 12,340 pounds of plastics, and 1,440 pounds of tempered glass were recycled as a result of the program. In addition, the capture, recovery or

[22] Participants in *See ya later, refrigerator* program incur no costs.

destruction of more than 683 pounds of ozone depleting Chlorofluorocarbons (greenhouse gases) and Hydro fluorocarbons, commonly used in refrigerants and foam insulation equates to approximately 1,497 metric tons of carbon dioxide.

Program Management

The program manager responsible for the *Refrigerator Recycling* program in Idaho is also responsible for the program in California, Utah, Washington and Wyoming and *Home Energy Reports* program in Idaho, Utah, Washington, and Wyoming. For each program and in each state the program manager is responsible for the cost effectiveness of the program, identifying and contracting with the program administrator through a competitive bid process, establishing and monitoring program performance and compliance, and recommending changes in the terms and conditions set out in the tariff.

Program Administration

The *Refrigerator Recycling* program is administered by JACO Environmental ("JACO"). JACO is one of the largest recyclers of house-hold appliances in the United States. The Company contracts with JACO to provide customer scheduling, pick-up, incentive processing and marketing services for the *See ya later, refrigerator* program.

JACO's process ensures that over 95 percent of the components and materials of the discarded appliance are either recycled for beneficial uses or eliminated in an environmentally responsible way. The remaining 5 percent can then be productively used as "fluff" to facilitate the decomposition of biodegradable landfill material.

JACO is responsible for the following:

- Appliance Pick-up – JACO handles all customer and field service operations for the program including pick-up of refrigerators and freezers from customers, transporting the units to the de-manufacturing facility.
- Incentive processing and call-center operations – Customer service calls, pick-up scheduling and incentive processing.
- Program specific customer communication and outreach – Working in close coordination with the Company, JACO handles all the marketing for the program. The program is marketed through bill inserts, customer newsletters and TV, newspaper and online advertising.

As part of the program control process, the Company contracts with a third-party independent inspector to conduct ongoing oversight of the program's appliance recycling process, from verification that the units being recycled meet the program eligibility criteria to verifying they are being recycled and that the program records are accurate.

A summary of the inspection process is included in Appendix 4.

Infrastructure

A crew from Salt Lake City, Utah, picks up units collected through the program in Idaho and transports the units to a JACO facility in Salt Lake City for disassembly and recycling.

Evaluation

No evaluation activities occurred during 2014.

Low Income Weatherization

The *Low Income Weatherization* program provides energy efficiency services through a partnership between the Company and local non-profit agencies to residential customers that meet income-eligible guidelines. Services are at no cost to the program participants.

Total homes treated under the program in 2014, as well as the type and frequency of specific energy efficiency measures installed in each home, is provided in Table 15.

Table 15
Homes Receiving Specific Measures

Participation – Total # of Completed/Treated Homes	41
Number of Homes Receiving Specific Measures	
Attic Ventilation	11
Ceiling Insulation	24
Compact Fluorescent Light Bulbs	40
Duct Insulation	12
Floor Insulation	15
Furnace Repair	26
Health & Safety Measures	24
Infiltration	37
Refrigerators	3
Replacement Windows	23
Thermal Doors	28
Wall Insulation	4
Water Heater Repair	4
Water Heater Replacement	1
Water Pipe Insulation	35

2014 *Low Income Weatherization* program performance results are provided in Table 16.

Table 16
Cost Effectiveness for Low Income Weatherization

	Benefit/Cost Ratio	Net Benefits
Total Resource Cost Test plus 10 percent	0.72	($50,632)
Total Resource Cost Test	0.67	($59,713)
Utility Cost Test	0.50	($91,288)
Participant Cost Test	N/A	$234,297
Rate Payer Impact	0.34	($174,891)

As shown in Table 16, the *Low Income Weatherization* program ex-ante results suggest the program was not cost effective based on the five standard cost effectiveness tests for the 2014 reporting period. This is largely due to a decrease in number of homes served and measures installed by approximately 45 percent where program cost decreased only by 11 percent. The Company will review program measures with its associated unit energy savings assumptions to ensure program cost effectiveness going forward.

Program Management

The program manager who is responsible for the *Low Income Weatherization* program in Idaho is also responsible for the program in California, Utah, Washington and Wyoming; energy assistance programs in Idaho, California, Oregon, Utah, Washington and Wyoming; and bill discount programs in California, Utah and Washington. The program manager is responsible for the cost effectiveness of the weatherization program in each state, partnerships and agreements in place with local agencies that serve income eligible households, establishing and monitoring program performance and compliance, and recommending changes in the terms and conditions set out in the agency contracts and state specific tariffs.

Program Administration

The Company has contracts in place with Eastern Idaho Community Action Partnership ("EICAP") and SouthEastern Idaho Community Action Agency ("SEICAA") to provide services through the low income weatherization program. These two agencies receive federal funds allocated to the Idaho Department of Health and Welfare ("IDHW") and administered by the Community Action Partnership Association of Idaho ("CAPAI") through subcontracting non-profit agencies. Energy efficiency measures are installed in the homes of income eligible households throughout the Company's service area by EICAP and SEICAA. Company funding of 85 percent of the cost of approved measures is leveraged by the agencies with the funding received by IDHW.

By contract with the Company, EICAP and SEICAA are responsible for the following:

- Income Verification – Agencies determine participants are income eligible based on CAPAI guidelines. Household's interested in obtaining weatherization services apply through the agencies. The 2014 income guidelines can be viewed at

/www.idahocommunityaction.org/programs/weatherization-html/weatherization-assistance-program-income-guidelines-html/

- Energy Audit – Agencies use a United States Department of Energy approved audit tool to determine the cost effective measures to install in the participant's homes (audit results must indicate a savings to investment ratio of 1.0 or greater).
- Installation of Measures – Agencies install the energy efficiency measures.
- Post Inspections – Agencies inspect 100 percent of completed homes. IDHW and CAPAI also inspect a random sample of homes. See Appendix 4 for verification summary.
- Billing Notification – Agencies are required to submit a billing to Company within 120 days after job completion. The agencies include a form indicating the measures installed and associated cost on each completed home along with their invoice.

Evaluation

The *Low Income Weatherization* program was evaluated in 2014 by Smith & Lehmann Consulting. This firm was selected through an RFP process and completed the evaluation in January 2015 for program years 2010, 2011 and 2012.

Low Income Energy Conservation Education

Commission Order No. 32788 dated April 12, 2013, ruled that the Company's funding of *Low Income Energy Conservation Education* should be $25,000 annually. These services are provided by EICAP whose main office is located in Idaho Falls, and SEICAA whose main office is in Pocatello. They target the Company's customers that receive Low Income Home Energy Assistance ("LIHEAP") funds. EICAP, SEICAA and the Company staff discussed the allocation of the annual funding amount and the agencies determine the efficiency measures they distribute each year. EICAP receives $13,250 and SEICAA $11,750 for a total of $25,000 prior to the beginning of their 2014/2015 LIHEAP program year. While the conservation education activities do result in energy savings, the savings are not considered when calculating the performance results of the Low Income Weatherization program, other energy efficiency programs or portfolios results.[23]

The agencies provided a conservation education curriculum to households and reported the following activities and program specifics for 2014:

	EICAP	SEICAA
Annual funds:	$13,250	$11,750
Expenditures:	250 Window kits = $562.50 300 CFLs (13w/2 pack) = $585 300 CFLs (23w/3 pack) = $861	800 CFLs (13w) = $1,960 650 Power timers = $7,800 Staff labor = $1,990

[23] Order No. 32788

250 Weather-strip = $322.50
200 Power timers = $2,400
300 Smart strips = $5,250
Shipping = $150
To be spent in 2015 = $3,119

Households served: 659 287

Distribution
EICAP: A total of 1,977 measures were distributed. Measures purchased included window kits, CFLs, weather-stripping, power timers and smart strips, and allowed participants to choose three measures. Because of cost, a participant could pick between the smart strip or power timer and two of the other items. The smart strip was the favorite, then CFLs and 50/50 on the window kits/weather-stripping. EICAP did not track the number of each specific measure distributed and did not have an inventory of any measures purchased prior to 2014.

SEICAA: A total of 322 CFLs and 124 power timers purchased in 2014 were distributed. Measures purchased in 2013 were also provided to households including 549 shower timers and 537 night lights. Kits purchased in 2010 (102) that included 1 compact fluorescent light bulb (13 watt), 1 compact fluorescent light bulb (19 watt), 1 compact fluorescent light bulb (23 watt), 10 outlet gaskets, 1 kitchen aerator, 1 refrigerator temperature card and 1 night light were given to participants in 2014. SEICAA reported that as of February 1, 2015, all the 2010 kits have been distributed (final 4 distributed in January 2015).

Program Design
EICAP: Educate Rocky Mountain Power customers about how to conserve energy and understand their bill.

SEICAA: Reduce electricity usage and monthly bills for participants of the LIHEAP program.

Target Audience
EICAP: Rocky Mountain Power customers receiving energy assistance.

SEICAA: LIHEAP recipients that have not had weatherization program services are a priority. Households can also be identified through SEICAA's other programs. The Company may refer customers for possible participation using current LIHEAP income guidelines as the first criteria.

Gauge Program's Success in Meeting Goals
EICAP: Acceptance of energy conservation tools after education.

SEICAA: The program's success will be gauged through periodic reporting and the response from the participants through surveys.

Indicate How Company Funds are Used
EICAP: Tools that encourage energy conservation.

SEICAA: To purchase energy conservation measures. Funds are also used for educator salaries.

Describe How the Program Benefits Participants

EICAP: Households receive useful tips and tools to help them save energy while applying for LIHEAP.

SEICAA: Households are educated on how they can reduce kWh usage through behavioral changes as well as the installation and benefits of the energy conservation measures they receive during LIHEAP intake.

NON-RESIDENTIAL ENERGY EFFICIENCY

The commercial and industrial energy efficiency program portfolio was consolidated into a single *Non-Residential Energy Efficiency* program, Schedule 140, which became effective November 13, 2014. The programs that were consolidated include *FinAnswer Express, Agricultural Energy Services* and *Energy FinAnswer*. The consolidated *Non-Residential Energy Efficiency* program is promoted to the Company's customers as ***watt***smart Business.

The data below for the year is provided for the commercial/industrial/agricultural portfolio with results by measure group to capture all of the Non-Residential energy efficiency activities for the year.

Projects completed in the current period by customer sector are provided in Table 17.

Table 17
Projects Completed

Sector	2014 Total
Agricultural	40
Commercial	530
Industrial	21
Total	591

Program savings by measure group is provided in Table 18.

Table 18
Installed Program Measures (gross kWh/year at site)

Measure Groups	2014 Total	2014 Total
Cooking Equipment	1	1,644
Dairy	2	37,696
HVAC	10	34,900
Irrigation	33	1,531,552
Lighting	505	2,166,198
Motors	24	1,346,613
Pumps	2	43,838
Refrigeration	14	678,816
Program Total	591	5,841,257

Program performance results for 2014 are provided in Table 19 below.

Table 19
Cost Effectiveness for Non-Residential Energy Efficiency

	Benefit/Cost Ratio	Net Benefits	Benefit/Cost Ratio	Net Benefits
	Includes Portfolio Costs		Excludes Portfolio Costs	
Total Resource Test plus 10 percent	1.32	$827,889	1.38	$938,574
Total Resource Cost Test	1.20	$520,833	1.26	$631,518
Utility Cost Test	1.67	$1,235,504	1.78	$1,346,189
Participant Cost Test	3.02	$3,858,557	3.02	$3,858,558
Rate Payer Impact	0.56	($2,461,144)	0.57	($2,350,459)

The ***watt***smart Business program is intended to maximize the efficient utilization of electricity for new and existing non-residential customers through the installation of energy efficiency measures and energy management protocols. Qualifying measures are any measures which, when implemented in an eligible facility, result in verifiable electric energy efficiency improvements.

Services offered through the program are:

- Typical Upgrades: Provides streamlined incentives for lighting, HVAC, compressed air and other equipment upgrades that increase electrical energy efficiency and exceed code requirements.
- Small Business Lighting: Provides enhanced incentives for lighting retrofits installed by approved trade allies at eligible small business customer facilities (This offer was added in November 2014).
- Custom analysis: Offers energy analysis studies and services for more complex projects.
- Energy management: Provides expert facility and process analysis to help lower energy costs by optimizing customer's energy use. (This offer was added in November 2014.)
- Energy project manager co-funding: Available to customers who can commit to an annual goal of completing a project resulting in a minimum of 1,000,000 kWh per year in energy savings. (This offer was added in November 2014.)

Program Management

The program managers overseeing the business energy efficiency program activity in Idaho are also responsible for the programs in California, Utah, Washington, and Wyoming. For each state the program managers are responsible for the management of the program administrators, cost effectiveness, identifying and contracting with the program administrators through a competitive bid process, program marketing, achieving and monitoring program performance and compliance, and recommending changes in the terms and conditions of the program.

Program Administration

The program is primarily administered through two channels that are differentiated based upon customer needs. The first channel generally targets typical opportunities which serve small to medium sized business customers and to lesser extent large business customers. Administration is provided through Company contracts with Nexant, Inc. ("Nexant") and Cascade Energy ("Cascade") who manage trade ally coordination, training and application processing services for commercial measures and industrial/agricultural measures respectively. The second channel targets large energy users who generally have multiple opportunities for energy efficiency improvements, such as those that require custom analysis, is administered by internal project managers allowing for a single point of contact to assist customers with their various opportunities.

Nexant and Cascade are responsible for the following:

- Trade ally engagement to help increase and improve the supplier and installation contractor infrastructure for energy-efficient equipment and services – includes identification, recruiting, training, supporting and assisting trade allies to increase sales and installation of energy efficient equipment at qualifying business customer facilities.
- Incentive processing and administrative support – includes handling incoming inquiries as assigned, processing incentive applications, developing and maintaining standardized analysis tools and providing program design services, evaluation and regulatory support upon request.
- Custom analysis and project facilitation for small/medium customer projects
- Inspections – includes verifying on an on-going basis the installation of measures. Summary of the inspection process is in Appendix 4.

Internal Project Managers are responsible for the following:

- Single point of contact for large customers to assist with their energy efficiency projects.
- Large customer outreach and education of energy efficiency opportunities.
- Providing custom energy efficiency analysis, quality assurance and verification of savings through a pre-contracted group of engineering firms.
- Managing engineering firms to ensure program compliance, quality of work, and customer satisfaction.
- Managing ***watt***smart Business projects through the whole project lifecycle.

Infrastructure

To help increase and improve the supplier and installation contractor infrastructure for energy-efficient equipment and services, the Company established and developed trade ally networks for lighting, HVAC and motors/VFDs. This work includes identifying and recruiting trade allies, providing program and technical training and providing sales support on an ongoing basis. The current list of the trade allies who have applied and been approved as participating vendors are

posted on the Company website and is included as Appendix 7 to this report. In most cases, customers are not required to select a vendor from these lists to receive an incentive.[24]

The total number of participating trade allies is currently 102. The current count of participating trade allies by technology is in Table 20.

Table 20
Participating Trade Allies[25]

	Lighting trade allies	HVAC trade allies	Motor and VFD trade allies
List dated 3-19-2015	67	36	38

Given the diversity of the non-residential customers served by the Company, a pre-approved, pre-contracted group of engineering firms are used to perform facility specific energy efficiency analysis, quality assurance and verification services. Each customer's project is directly managed by one of the Company's in-house project managers. The project manager works directly with the customer or through the appropriate Company account manager located in Idaho. Table 21 lists the engineering firms currently under contract with the Company.

Table 21
Engineering Firms

Engineering Firm	Main Office Location
Abacus Resource Management Company	Beaverton, OR
Brendle Group	Fort Collins, CO
Cascade Energy Engineering	Cedar Hills, UT
Compression Engineering Corp	Salt Lake City, UT
Ecova	Portland, OR
EMP2, Inc	Richland, VA
Energy Resource Integration, LLC	Sausalito, CA
Energy and Resource Solutions	North Andover, MA
EnerNOC Inc.	Portland, OR
EnSave, Incorporated	Richmond, VT
ETC Group, Incorporated	Salt Lake City, UT
Evergreen Consulting Group	Beaverton, OR
Fazio Engineering	Weston, OR
kW Engineering, Inc.	Salt Lake City, UT
Lincus Incorporated	Tempe, AZ
Nexant, Incorporated	Salt Lake City, UT
QEI Energy Management, Inc.	Beaverton, OR
RM Energy Consulting	Pleasant Grove, UT
Rick Rumsey, LLC	Ammon, ID

[24] Customers receiving Small Business Lighting incentives do need to use an approved contractor selected from a competitive request for bid process.
[25] Some trade allies may participate in more than one technology so the count of unique participating firms is less than the total count by technology.

Engineering Firm	Main Office Location
SBW Consulting, Inc.	Bellevue, WA
Solarc Architecture & Engineering, Inc.	Eugene, OR
Triple Point Energy	Portland, OR

Evaluation

During 2014, an independent third-party process and impact evaluation of the Company's non-residential programs for program years 2012-2013 was in the process of being completed. The results of this evaluation work will be available in 2015.

COMMUNICATIONS, OUTREACH AND EDUCATION

The Company utilizes earned media, customer communications, paid media and program specific media in an effort to communicate the value of energy efficiency, provide information regarding low-cost, no-cost energy efficiency measures, and to educate customers on the availability of technical assistance, services and incentives. ***watt***smart is an overarching energy efficiency campaign with the overall goal to engage customers in reducing their energy usage through behavioral changes, and pointing them to the programs and information to help them do it.

Customer Communications

As part of the Company's regular communications to its customers, newsletters across all customer classes promote energy efficiency initiatives and case studies on a regular basis. Inserts and outer envelopes featuring energy efficiency messages and programs have also been used on a consistent basis. In 2014, the Company also issued two newsletters focused entirely on seasonal energy efficiency information targeted in the fall and spring.

The Company also utilizes social media, such as Twitter and Facebook to communicate and engage customers on DSM offers and incentives.

In 2014, the Company initiated a ***watt***smart advertising campaign.

Program Specific

All energy efficiency program marketing and communications are under the ***watt***smart umbrella to ensure a seamless transition from changing customer behavior to the actions they could take by participating in specific programs. Separate marketing activities administered by and specific to the programs ran in conjunction with the ***watt***smart campaign.

Home Energy Savings program

Information about the Home Energy Savings program is communicated to customers, retailers and trade allies through a variety of channels. The main areas of focus in 2014 included website enhancements, new ***watt***smart Starter Kits and duct sealing for manufactured homes.

The website enhancements in April improved navigation, streamlined content and made it easier for customers on mobile devices and tablets to find information and apply for incentives.

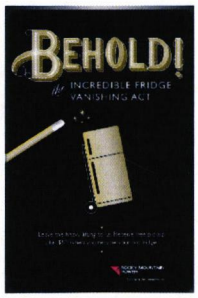
In June, the program launched the ***watt***smart Starter Kits in Idaho. These kits come with ENERGY STAR® lighting and WaterSense® products, depending on the customers' water heating type. Customer communications for the kits included direct mail, email, website and social media content, Facebook advertising, newsletters and bill inserts. The communications were successful in driving kit

orders. The email to 16,425 customers had a high open rate of 43% and a click-through rate of 15%. Three weeks of Facebook ads also generated 84,791 impressions.

To build awareness about incentives for cooling measures, the program communicated to customers through bill inserts, newsletter articles, point of purchase material, website and social media content, and retail and trade ally training material.

In September, a group of targeted customers living in manufactured homes received a mailing with information on free duct sealing offered through a local participating trade ally.

Refrigerator & Freezer Recycling



The Company promotes the *See ya later, refrigerator* program through informational television and digital display advertisements and other customer communications. In 2014, the program garnered 278,950 impressions. Breakdown of impressions by media type is shown in Table 22.

For the summer and fall, the Company developed a new creative campaign with a magic theme to highlight the newly increased $50 incentive along with the convenience of having your old fridge recycled. For maximum exposure, these same messages and artwork were used in direct mail, digital advertising, email, social media, website, bill inserts and newsletter articles.

The Company also provided information about the availability for businesses to participate through Idaho chamber outreach and added program information to the business section of the website.

Table 22
See ya later, refrigerator Program

Communications Channel	2014
TV	128,000
Digital Display	150,950

FinAnswer Express and Energy FinAnswer/***watt***smart Business

During 2014, communications reminded customers to inquire about incentives for lighting, HVAC, compressed air, irrigation and other energy efficiency measures. Radio communications encouraged business customers to make energy efficiency upgrades and print ads featured case study examples from program participants which were repurposed in social media. Quarterly eblasts and digital search ads directed viewers to the company's website.[26] This was in addition to customer direct contact by Company project managers and corporate and community

[26] www.***watt***smart.com

managers, trade ally partners, articles in the Company newsletters, Chamber newsletter outreach and content on the Company website and on Facebook.

wattsmart Business program consolidation became effective November 13, 2014. With the consolidation, the incentive process was streamlined and an enhanced lighting retrofit offering for small business customers was added. Irrigation Energy Savers also became part of the ***watt***smart Business program. All the marketing materials were updated for the program change (overview, brochure, irrigation brochure, applications, catalog, case studies, energy management, small business lighting) and added the materials to our streamlined website.

The Company continued to utilize a ***watt***smart "open sign" for businesses and approved vendors to display. Customers were photographed with the "open sign" and the photos were used in the print advertising, case studies, newsletter articles and on Facebook.

The program's breakdown of impressions by media type is shown in Table 23.

Table 23
Impressions by Media Type

Communications Channel	2014
Radio	294,800
Print	181,196
Eblasts	3,650
Digital Paid Search	62,198

EVALUATIONS

Evaluations are performed by independent external evaluators to validate energy and demand savings derived from the Company's energy efficiency programs. Industry best practices are adopted by the Company with regards to principles of operation, methodologies, evaluation methods, definitions of terms, and protocols including those outlined in the National Action Plan for Energy Efficiency Program Impact Evaluation and the California Evaluation Framework guides.

A component of the overall evaluation efforts is aimed at the reasonable verification of installations of energy efficient measures and associated documentation through review of documentation, surveys and/or ongoing onsite inspections.

Verification of the potential to achieve savings involves regular inspection and commissioning of equipment. The Company engages in programmatic verification activities, including inspections, quality assurance reviews, and tracking checks and balances as part of routine program implementation and may rely upon these practices in the verification of installation information for the purposes of savings verifications in advance of more formal impact evaluation results. A summary of the inspection process is included in Appendix 4.

Evaluation, measurement and verification tasks are segregated within the Company organization to ensure they are performed and managed by personnel who are not responsible for program management.

Information on evaluation activities completed or in progress during 2014 is summarized in the chart below. Summary of the recommendations are provided in Appendix 6. The evaluation report is available at www.pacificorp.com/es/dsm/idaho.html

Program / Activities	Years Evaluated	Evaluator	Progress Status
Home Energy Savings	2011-2012	The Cadmus Group	Completed
Low-Income	2010-2012	Smith & Lehmann	Q1 2015
Energy FinAnswer	2012-2013	Navigant Consulting	Q2 2015
FinAnswer Express	2012-2013	Navigant Consulting	Q2 2015

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Appendix 1

Explanation of Capacity Estimates
2014

Energy Efficiency Programs

The MW reported savings of 2.57 (at generation) for energy efficiency programs during 2014 represents the summation of estimated MW values made available through the Company's business and residential energy efficiency programs; calculations for the business and residential programs differ.

The Company's business programs MW contributions are based on engineering estimates of capacity values for installed measures; project unique factors are individually calculated for custom projects while deemed factors are utilized for prescriptive measures. These calculations are based on actual installed measures in the reported year. For 2014, it is calculated that 0.86 MW of capacity contribution were made available through business program energy efficiency acquisitions. Specific hours during which business program measures contribute MW capacity are dependent upon several factors including specific business operations and general economic conditions.

For the residential programs, an energy to capacity factor is utilized to calculate the MW savings made available through these programs. The energy to capacity factor utilized in the calculation (2.41 MW in 2014 for each average MWh of energy efficiency acquired) is the same as the average load profile factor of energy efficiency resources selected in the 2013 IRP, i.e. the average peak contribution of the energy efficiency resource selections across all measures and sectors. The utilization of this factor in the MW calculation assumes that the energy efficiency resources acquired through the Company's residential programs have the same average load profile as those energy efficiency resources selected in the 2013 IRP. Utilization of this factor in determining the MW contribution of energy efficiency programs for 2014 is detailed in the table below.

Line	Description	Value
1	First year EE program savings acquired during 2013	6,208
2	Average MWh value (line 1 / 8760 hours)	0.71
3	Peak MW contribution of 2014 EE acquisitions	1.71

As demonstrated, it is estimated that the residential energy efficiency program acquisitions in 2014 contributed 1.71 MW of capacity contribution. As with the business programs, when these savings occur on an hourly basis is dependent upon several factors including energy usage patterns of residential customers.

Together, the 0.86 MW's estimated for the business programs and the 1.71 MW's estimated for residential programs make up the 2.57 MW savings value of energy efficiency programs.

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Appendix 2

Idaho Cost Effectiveness

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Portfolio and Sector Level Cost Effectiveness

Navigant estimated the cost-effectiveness for the overall energy efficiency portfolio and component sectors, based on 2014 costs and savings estimates provided by PacifiCorp. This memo provides the cost-effectiveness results for the overall energy efficiency portfolio and the two sector components. The program passes the cost-effectiveness for all the tests except the RIM test. The memo consists of the following tables.

Table 1 - Utility Inputs
Table 2 - Portfolio Level Costs 2014
Table 3 - Benefit/Cost Ratios by Portfolio Type
Table 4 - 2014 Total Portfolio Cost-Effectiveness Results
Table 5 - 2014 Total Portfolio Cost-Effectiveness Results (Including NEBs)
Table 6 - 2014 C&I Energy Efficiency Portfolio Cost-Effectiveness Results
Table 7 - 2014 Residential Energy Efficiency Portfolio Cost-Effectiveness Results
Table 8 - 2014 Residential Energy Efficiency Portfolio Cost-Effectiveness Results (Including NEBs)

Table 1 - Utility Inputs

Parameter	Value
Discount Rate	6.88%
Residential Line Loss	11.47%
Commercial Line Loss	10.75%
Industrial Line Loss	7.52%
Irrigation Line Loss	11.45%
Residential Energy Rate ($/kWh)(base year 2014)	$0.1049
Commercial Energy Rate ($/kWh)(base year 2014)	$0.0866
Industrial Energy Rate ($/kWh)(base year 2014)	$0.0698
Irrigation Energy Rate ($/kWh)(base year 2014)	$0.0886
Inflation Rate[1]	1.90%

[1] Future rates determined using a 1.9% annual escalator.

Table 2 – Portfolio Level Costs 2014

Cost	Value
Commercial and Industrial Evaluation Costs	$110,685
Residential Evaluation Costs	$93,900
Low Income Energy Conservation Education	$25,000
Outreach & Communications Wattsmart	$4,989
Technical Reference Library	$14,488
DSM Central	$13,309
Total Costs	**$262,372**

Table 3 - Benefit/Cost Ratios by Portfolio Type

Measure Group	PTRC	TRC	UCT	RIM	PCT
Total Portfolio	1.52	1.38	1.69	0.54	4.01
Total Portfolio (Including NEBs)	1.59	1.45	1.69	0.54	4.10
C&I Programs	1.32	1.20	1.67	0.56	3.02
Residential Programs[1]	1.95	1.77	1.79	0.52	6.30
Residential Programs (Including NEBs)[1]	2.15	1.98	1.79	0.52	6.60

[1] Includes additional costs of $20,473 for the Home Energy Reporting program.

Table 4 – 2014 Total Portfolio Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0574	$3,955,735	$6,002,194	$2,046,459	1.52
Total Resource Cost Test (TRC) No Adder	$0.0574	$3,955,735	$5,456,540	$1,500,804	1.38
Utility Cost Test (UCT)	$0.0468	$3,222,116	$5,456,540	$2,234,424	1.69
Rate Impact Test (RIM)		$10,191,009	$5,456,540	-$4,734,470	0.54
Participant Cost Test (PCT)		$2,730,801	$10,947,406	$8,216,605	4.01
Lifecycle Revenue Impacts ($/kWh)					$0.000115178

Table 5 - 2014 Total Portfolio Cost-Effectiveness Results (Including NEBs)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0574	$3,955,735	$6,279,040	$2,323,305	1.59
Total Resource Cost Test (TRC) No Adder	$0.0574	$3,955,735	$5,733,386	$1,777,650	1.45
Utility Cost Test (UCT)	$0.0468	$3,222,116	$5,456,540	$2,234,424	1.69
Rate Impact Test (RIM)		$10,191,009	$5,456,540	-$4,734,470	0.54
Participant Cost Test (PCT)		$2,730,801	$11,192,677	$8,461,876	4.10
Lifecycle Revenue Impacts ($/kWh)					$0.000115178

Table 6 – 2014 C&I Energy Efficiency Portfolio Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0640	$2,549,724	$3,377,613	$827,889	1.32
Total Resource Cost Test (TRC) No Adder	$0.0640	$2,549,724	$3,070,557	$520,833	1.20
Utility Cost Test (UCT)	$0.0461	$1,835,053	$3,070,557	$1,235,504	1.67
Rate Impact Test (RIM)		$5,531,701	$3,070,557	-$2,461,144	0.56
Participant Cost Test (PCT)		$1,908,474	$5,767,031	$3,858,557	3.02
Lifecycle Revenue Impacts ($/kWh)					$0.000051248

Table 7 – 2014 Residential Energy Efficiency Portfolio Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0464	$1,348,224	$2,624,581	$1,276,356	1.95
Total Resource Cost Test (TRC) No Adder	$0.0464	$1,348,224	$2,385,983	$1,037,758	1.77
Utility Cost Test (UCT)	$0.0458	$1,329,276	$2,385,983	$1,056,707	1.79
Rate Impact Test (RIM)		$4,601,521	$2,385,983	-$2,215,539	0.52
Participant Cost Test (PCT)		$822,327	$5,180,375	$4,358,048	6.30
Lifecycle Revenue Impacts ($/kWh)					$0.000072012

Table 8 - 2014 Residential Energy Efficiency Portfolio Cost-Effectiveness Results (Including NEBs)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0464	$1,348,224	$2,901,427	$1,553,202	2.15
Total Resource Cost Test (TRC) No Adder	$0.0464	$1,348,224	$2,662,829	$1,314,604	1.98
Utility Cost Test (UCT)	$0.0458	$1,329,276	$2,385,983	$1,056,707	1.79
Rate Impact Test (RIM)		$4,601,521	$2,385,983	-$2,215,539	0.52
Participant Cost Test (PCT)		$822,327	$5,425,646	$4,603,319	6.60
Lifecycle Revenue Impacts ($/kWh)					$0.000072012

Program Level Cost Effectiveness

Home Energy Savers Program

Navigant estimated the cost-effectiveness results for the Idaho Home Energy Savings Program, based on 2014 costs and savings estimates provided by PacifiCorp. This memo provides the cost-effectiveness results for the overall program and for the 6 measure categories.

Cost-effectiveness was tested using the 2013 IRP East Residential Whole House 35% and East Residential Lighting 48% load factor decrements. The program passes the cost-effectiveness for all the tests except the RIM test. The memo consists of the following tables.

Table 1 - Home Energy Savings Inputs
Table 2 - Home Energy Savings Annual Program Costs
Table 3 - Home Energy Savings – Savings by Measure Category
Table 4 - Benefit/Cost Ratios by Measure Category
Table 5 - Home Energy Savings Program Level Cost-Effectiveness Results
Table 6 - Home Energy Savings Appliances Cost-Effectiveness Results
Table 7 - Home Energy Savings Energy Savings Kits Cost-Effectiveness Results
Table 8 - Home Energy Savings HVAC Cost-Effectiveness Results
Table 9 - Home Energy Savings Lighting Cost-Effectiveness Results
Table 10 - Home Energy Savings Manufactured Home Cost-Effectiveness Results
Table 11 - Home Energy Savings Weatherization Cost-Effectiveness Results
Table 12- Home Energy Savings Appliances Non-Energy Benefits
Table 13 - Home Energy Savings Appliances (with NEBs) Cost-Effectiveness Results
Table 14 - Home Energy Savings Energy Savings Kits Non-Energy Benefits
Table 15 - Home Energy Savings Energy Savings Kits (with NEBs) Cost-Effectiveness Results
Table 16 - Home Energy Savings Lighting Non-Energy Benefits
Table 17 - Home Energy Savings Lighting (with NEBs) Cost-Effectiveness Results
Table 18 - Home Energy Savings Program Cost-Effectiveness Results with Non-Energy Benefits

Table 1 – Home Energy Savings Inputs

Parameter	Value
Discount Rate	6.88%
Residential Line Loss	11.47%
Residential Energy Rate ($/kWh)(base year 2014)	$0.1049
Inflation Rate[1]	1.90%

[1] Future rates determined using a 1.9% annual escalator.

Table 2 – Home Energy Savings Annual Program Costs

Measure Group	Engineering Costs	Utility Admin	Program Delivery	Program Dev.	Incentives	Total Utility Costs	Gross Customer Costs
Appliances	$0	$762	$24,030	$0	$17,772	$42,563	$66,084
Energy Savings Kits	$0	$56,031	$82,120	$0	$87,851	$226,002	$104,522
HVAC	$0	$2,149	$67,799	$0	$28,875	$98,823	$102,284
Lighting	$0	$24,891	$34,582	$0	$404,522	$463,995	$508,536
Manufactured Home	$0	$806	$25,423	$0	$5,740	$31,968	$5,740
Weatherization	$0	$1,044	$32,949	$0	$24,861	$58,855	$35,161
Total	**$0**	**$85,682**	**$266,903**	**$0**	**$569,621**	**$922,206**	**$822,327**

Table 3 – Home Energy Savings – Savings by Measure Category

Measure Group	Gross kWh Savings	Realization Rate	Adjusted Gross kWh Savings	Net to Gross Ratio	Net kWh Savings	Measure Life
Appliances	43,232	81%	35,009	100%	35,009	14
Energy Savings Kits	3,180,964	100%	3,180,964	78%	2,480,687	9
HVAC	121,977	100%	121,977	63%	76,845	20
Lighting	1,413,094	100%	1,413,094	66%	932,642	8
Manufactured Home	45,738	100%	45,738	100%	45,738	18
Weatherization	59,279	95%	56,315	100%	56,315	30
Total	**4,864,284**	**100%**	**4,853,097**	**75%**	**3,627,237**	**9**

Table 4 - Benefit/Cost Ratios by Measure Category

Measure Group	PTRC	TRC	UCT	RIM	PCT
Appliances	0.35	0.32	0.69	0.36	0.86
Appliances with NEBs	0.49	0.45	0.69	0.36	1.04
Energy Savings Kits	7.04	6.40	6.22	0.64	25.21
Energy Savings Kits with NEBs	7.89	7.25	6.22	0.64	27.00
HVAC	0.95	0.86	1.18	0.56	1.96
Lighting	1.30	1.18	1.01	0.41	2.82
Lighting with NEBs	1.42	1.30	1.01	0.41	2.91
Manufactured Home	1.56	1.42	1.42	0.49	11.53
Weatherization	1.21	1.10	1.29	0.48	3.50
Total	**2.50**	**2.27**	**2.32**	**0.55**	**5.49**
Total (with NEBs)	**2.76**	**2.53**	**2.32**	**0.55**	**5.79**

Table 5 – Home Energy Savings Program Level Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0357	$941,154	$2,353,960	$1,412,806	2.50
Total Resource Cost Test (TRC) No Adder	$0.0357	$941,154	$2,139,964	$1,198,810	2.27
Utility Cost Test (UCT)	$0.0349	$922,206	$2,139,964	$1,217,758	2.32
Rate Impact Test (RIM)		$3,894,091	$2,139,964	-$1,754,127	0.55
Participant Cost Test (PCT)		$822,327	$4,515,723	$3,693,396	5.49
Lifecycle Revenue Impacts ($/kWh)					$0.000057015
Discounted Participant Payback (years)					0.65

Table 6 through Table 11 provides cost-effectiveness results for all 6 measures.

Table 6 - Home Energy Savings Appliances Cost-Effectiveness Results (2013 IRP East Residential Whole House 35%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.2619	$90,875	$32,238	-$58,637	0.35
Total Resource Cost Test (TRC) No Adder	$0.2619	$90,875	$29,307	-$61,568	0.32
Utility Cost Test (UCT)	$0.1227	$42,563	$29,307	-$13,256	0.69
Rate Impact Test (RIM)		$81,695	$29,307	-$52,387	0.36
Participant Cost Test (PCT)		$66,084	$56,903	-$9,181	0.86
Lifecycle Revenue Impacts ($/kWh)					$0.000001091
Discounted Participant Payback (years)					19.31

Table 7 - Home Energy Savings Energy Savings Kits Cost-Effectiveness Results (2013 IRP East Residential Whole House 35%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0124	$219,663	$1,545,651	$1,325,988	7.04
Total Resource Cost Test (TRC) No Adder	$0.0124	$219,663	$1,405,137	$1,185,475	6.40
Utility Cost Test (UCT)	$0.0128	$226,002	$1,405,137	$1,179,136	6.22
Rate Impact Test (RIM)		$2,212,718	$1,405,137	-$807,581	0.64
Participant Cost Test (PCT)		$104,522	$2,635,400	$2,530,878	25.21
Lifecycle Revenue Impacts ($/kWh)					$0.000026249
Discounted Participant Payback (years)					0.06

Table 8 - Home Energy Savings HVAC Cost-Effectiveness Results (2013 IRP East Residential Whole House 35%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.1401	$134,386	$127,794	-$6,592	0.95
Total Resource Cost Test (TRC) No Adder	$0.1401	$134,386	$116,177	-$18,210	0.86
Utility Cost Test (UCT)	$0.1030	$98,823	$116,177	$17,354	1.18
Rate Impact Test (RIM)		$207,212	$116,177	-$91,035	0.56
Participant Cost Test (PCT)		$102,284	$200,921	$98,638	1.96
Lifecycle Revenue Impacts ($/kWh)					$0.000001321
Discounted Participant Payback (years)					11.30

Table 9 - Home Energy Savings Lighting Cost-Effectiveness Results (2013 IRP East Residential Lighting 48%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0655	$395,106	$514,771	$119,665	1.30
Total Resource Cost Test (TRC) No Adder	$0.0655	$395,106	$467,974	$72,868	1.18
Utility Cost Test (UCT)	$0.0769	$463,995	$467,974	$3,979	1.01
Rate Impact Test (RIM)		$1,142,875	$467,974	-$674,901	0.41
Participant Cost Test (PCT)		$508,536	$1,433,128	$924,592	2.82
Lifecycle Revenue Impacts ($/kWh)					$0.000024691
Discounted Participant Payback (years)					1.05

Table 10 - Home Energy Savings Manufactured Homes Cost-Effectiveness Results (2013 IRP East Residential Whole House 35%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0597	$31,968	$49,926	$17,958	1.56
Total Resource Cost Test (TRC) No Adder	$0.0597	$31,968	$45,388	$13,419	1.42
Utility Cost Test (UCT)	$0.0597	$31,968	$45,388	$13,419	1.42
Rate Impact Test (RIM)		$92,437	$45,388	-$47,049	0.49
Participant Cost Test (PCT)		$5,740	$66,208	$60,468	11.53
Lifecycle Revenue Impacts ($/kWh)					$0.000000760
Discounted Participant Payback (years)					0.00

Table 11 - Home Energy Savings Weatherization Cost-Effectiveness Results (2013 IRP East Residential Whole House 35%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0797	$69,155	$83,579	$14,424	1.21
Total Resource Cost Test (TRC) No Adder	$0.0797	$69,155	$75,981	$6,826	1.10
Utility Cost Test (UCT)	$0.0678	$58,855	$75,981	$17,126	1.29
Rate Impact Test (RIM)		$157,156	$75,981	-$81,175	0.48
Participant Cost Test (PCT)		$35,161	$123,162	$88,001	3.50
Lifecycle Revenue Impacts ($/kWh)					$0.000000782
Discounted Participant Payback (years)					1.75

In addition to the energy benefits reported above, appliances, energy savings kits and lighting in the Home Energy Savings program offer significant non-energy benefits (NEBs). Table 12, Table 14 and Table16 details the non-energy benefits for appliances, energy savings kits and lighting respectively.

Table 12 – Home Energy Savings Appliances Non-Energy Benefits

Non-Energy Benefits	Non-Energy Benefits per Measure	Total Installs	Annual Value	Perspective Adjusted
Clothes Washers	$41.64	287	$11,951	PTRC, TRC, PCT

Table 13 - Home Energy Savings Appliances (with NEBs) Cost-Effectiveness Results (2013 IRP East Residential Whole House 35%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.2619	$90,875	$44,189	-$46,686	0.49
Total Resource Cost Test (TRC) No Adder	$0.2619	$90,875	$41,258	-$49,617	0.45
Utility Cost Test (UCT)	$0.1227	$42,563	$29,307	-$13,256	0.69
Rate Impact Test (RIM)		$81,695	$29,307	-$52,387	0.36
Participant Cost Test (PCT)		$66,084	$68,854	$2,770	1.04
Lifecycle Revenue Impacts ($/kWh)					$0.000001091
Discounted Participant Payback (years)					19.31

Table 14 – Home Energy Savings Energy Savings Kits Non-Energy Benefits

Non-Energy Benefits	Non-Energy Benefits per Measure	Total Installs	Annual Value	Perspective Adjusted
Basic Kit 1	$23.61	1047	$24,720	PTRC, TRC, PCT
Basic Kit 2	$44.14	3008	$132,773	PTRC, TRC, PCT
Best Kit 1	$23.13	51	$1,180	PTRC, TRC, PCT
Best Kit 2	$43.66	282	$12,312	PTRC, TRC, PCT
Better Kit 1	$23.61	42	$992	PTRC, TRC, PCT
Better Kit 2	$44.14	124	$5,473	PTRC, TRC, PCT
CFL Kit	$3.08	2769	$8,529	PTRC, TRC, PCT
LED Kit	$2.60	189	$491	PTRC, TRC, PCT

Table 15 - Home Energy Savings Energy Savings Kits (with NEBs) Cost-Effectiveness Results (2013 IRP East Residential Whole House 35%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0124	$219,663	$1,732,121	$1,512,458	7.89
Total Resource Cost Test (TRC) No Adder	$0.0124	$219,663	$1,591,607	$1,371,944	7.25
Utility Cost Test (UCT)	$0.0128	$226,002	$1,405,137	$1,179,136	6.22
Rate Impact Test (RIM)		$2,212,718	$1,405,137	-$807,581	0.64
Participant Cost Test (PCT)		$104,522	$2,821,870	$2,717,348	27.00
Lifecycle Revenue Impacts ($/kWh)					$0.000026249
Discounted Participant Payback (years)					0.06

Table 16 – Home Energy Savings Lighting Non-Energy Benefits

Non-Energy Benefits	Non-Energy Benefits per Measure	Total Installs	Annual Value	Perspective Adjusted
CFL General	$0.77	43,601	$33,573	PTRC, TRC, PCT
CFL Specialty	$1.18	10286	$12,137	PTRC, TRC, PCT
LED General	$0.65	273	$177	PTRC, TRC, PCT
LED Specialty	$2.76	349	$963	PTRC, TRC, PCT

Table 17 - Home Energy Savings Lighting (with NEBs) Cost-Effectiveness Results (2013 IRP East Residential Lighting 48%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0655	$395,106	$561,622	$166,516	1.42
Total Resource Cost Test (TRC) No Adder	$0.0655	$395,106	$514,825	$119,719	1.30
Utility Cost Test (UCT)	$0.0769	$463,995	$467,974	$3,979	1.01
Rate Impact Test (RIM)		$1,142,875	$467,974	-$674,901	0.41
Participant Cost Test (PCT)		$508,536	$1,479,979	$971,443	2.91
Lifecycle Revenue Impacts ($/kWh)					$0.000024691
Discounted Participant Payback (years)					1.05

Table 18 - Home Energy Savings Program Cost-Effectiveness Results with Non-Energy Benefits

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0357	$941,154	$2,599,231	$1,658,077	2.76
Total Resource Cost Test (TRC) No Adder	$0.0357	$941,154	$2,385,235	$1,444,081	2.53
Utility Cost Test (UCT)	$0.0349	$922,206	$2,139,964	$1,217,758	2.32
Rate Impact Test (RIM)		$3,894,091	$2,139,964	-$1,754,127	0.55
Participant Cost Test (PCT)		$822,327	$4,760,994	$3,938,667	5.79
Lifecycle Revenue Impacts ($/kWh)					$0.000057015
Discounted Participant Payback (years)					0.65

Refrigerator Recycling (See ya later, refrigerator)

Navigant estimated the cost-effectiveness results for the Idaho See Ya Later Refrigerator (SYLR) Program, based on 2014 costs and savings estimates provided by PacifiCorp. This memo provides the cost-effectiveness results for the overall program and for the 3 measure categories.

Cost-effectiveness was tested using the 2013 IRP East Residential Whole House 35% and East Residential Lighting 48% load factor decrements. The program passes the cost-effectiveness for all the tests except the RIM and PCT tests. The memo consists of the following tables.

Table 1 - SYLR Inputs
Table 2 - SYLR Annual Program Costs
Table 3 - SYLR Savings by Measure Category
Table 4 - Benefit/Cost Ratios by Measure Category
Table 5 - SYLR Program Level Cost-Effectiveness Results
Table 6 - SYLR Refrigerators Cost-Effectiveness Results
Table 7 - SYLR Freezers Cost-Effectiveness Results
Table 8 - SYLR Kits Cost-Effectiveness Results

Table 1 – SYLR Inputs

Parameter	Value
Discount Rate	6.88%
Residential Line Loss	11.47%
Residential Energy Rate ($/kWh)(base year 2014)	$0.1049
Inflation Rate[1]	1.90%

[1] Future rates determined using a 1.9% annual escalator.

Table 2 – SYLR Annual Program Costs

Measure Group	Engineering Costs	Utility Admin	Admin	Program Dev.	Incentives	Total Utility Costs	Gross Customer Costs
Refrigerators	$0	$9,250	$43,393	$8,201	$20,600	$81,443	$0
Freezers	$0	$2,657	$12,464	$2,355	$6,090	$23,566	$0
Kits	$0	$338	$1,586	$300	$3,368	$5,592	$0
Total	**$0**	**$12,244**	**$57,443**	**$10,856**	**$30,058**	**$110,601**	**$0**

Table 3 – SYLR Savings by Measure Category

Measure Group	Gross kWh Savings	Realization Rate	Adjusted Gross kWh Savings	Net to Gross Ratio	Net kWh Savings	Measure Life
Refrigerators	492,912	100%	492,912	54%	266,172	7
Freezers	141,577	100%	141,577	48%	67,957	5
Kits	18,016	100%	18,016	100%	18,016	6
Total	**652,505**	**100%**	**652,505**	**54%**	**352,145**	**7**

Table 4 - Benefit/Cost Ratios by Measure Category

Measure Group	PTRC	TRC	UCT	RIM	PCT
Refrigerators	1.68	1.53	1.53	0.49	n/a
Freezers	1.10	1.00	1.00	0.41	n/a
Kits	1.39	1.26	1.26	0.44	n/a
Total	**1.54**	**1.40**	**1.40**	**0.47**	**n/a**

Table 5 – SYLR Program Level Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0574	$110,601	$170,731	$60,130	1.54
Total Resource Cost Test (TRC) No Adder	$0.0574	$110,601	$155,210	$44,609	1.40
Utility Cost Test (UCT)	$0.0574	$110,601	$155,210	$44,609	1.40
Rate Impact Test (RIM)		$327,358	$155,210	-$172,148	0.47
Participant Cost Test (PCT)		$0	$430,355	$430,355	n/a
Lifecycle Revenue Impacts ($/kWh)					$0.000007201
Discounted Participant Payback (years)					n/a

Table 6 through Table 8 provides cost-effectiveness results for all 3 measures.

Table 6 – SYLR Refrigerators Cost-Effectiveness Results (2013 IRP East Residential Whole House 35%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0528	$81,443	$137,179	$55,735	1.68
Total Resource Cost Test (TRC) No Adder	$0.0528	$81,443	$124,708	$43,265	1.53
Utility Cost Test (UCT)	$0.0528	$81,443	$124,708	$43,265	1.53
Rate Impact Test (RIM)		$254,822	$124,708	-$130,115	0.49
Participant Cost Test (PCT)		$0	$341,673	$341,673	n/a
Lifecycle Revenue Impacts ($/kWh)					$0.000005442
Discounted Participant Payback (years)					n/a

Table 7 – SYLR Freezers Cost-Effectiveness Results (2013 IRP East Residential Whole House 35%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0801	$23,566	$25,807	$2,241	1.10
Total Resource Cost Test (TRC) No Adder	$0.0801	$23,566	$23,461	-$105	1.00
Utility Cost Test (UCT)	$0.0801	$23,566	$23,461	-$105	1.00
Rate Impact Test (RIM)		$56,655	$23,461	-$33,194	0.41
Participant Cost Test (PCT)		$0	$75,025	$75,025	n/a
Lifecycle Revenue Impacts ($/kWh)					$0.000001946
Discounted Participant Payback (years)					n/a

Table 8 - SYLR Kits Cost-Effectiveness Results (2013 IRP East Residential Lighting 48%)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0611	$5,592	$7,745	$2,154	1.39
Total Resource Cost Test (TRC) No Adder	$0.0611	$5,592	$7,041	$1,450	1.26
Utility Cost Test (UCT)	$0.0611	$5,592	$7,041	$1,450	1.26
Rate Impact Test (RIM)		$15,881	$7,041	-$8,839	0.44
Participant Cost Test (PCT)		$0	$13,657	$13,657	n/a
Lifecycle Revenue Impacts ($/kWh)					$0.000000432
Discounted Participant Payback (years)					n/a

Low Income Weatherization

Navigant estimated the cost-effectiveness results for the Idaho Low Income Weatherization Program, based on 2014 costs and savings estimates provided by PacifiCorp. This memo provides the cost-effectiveness results for the overall program.

Cost-effectiveness was tested using the 2013 IRP East Residential Whole House 35% load factor decrement. The program does not pass any of the cost-effectiveness tests. The memo consists of the following tables.

Table 1 - Low Income Weatherization Inputs
Table 2 - Low Income Weatherization Annual Program Costs
Table 3 - Low Income Weatherization Savings by Measure Category
Table 4 - Low Income Weatherization Program Level Cost-Effectiveness Results
Table 5 – Low Income Weatherization Non Energy Benefits
Table 6 - Low Income Weatherization Program Level (with Non Energy Benefits) Cost-Effectiveness Results

Table 1 – Low Income Weatherization Inputs

Parameter	Value
Discount Rate	6.88%
Residential Line Loss	11.47%
Residential Energy Rate ($/kWh)(base year 2014)	$0.1049
Inflation Rate[1]	1.90%

[1] Future rates determined using a 1.9% annual escalator.

Table 2 – Low Income Weatherization Annual Program Costs

Measure Group	Engineering Costs	Utility Admin	Program Delivery	Program Admin	Incentives	Total Utility Costs	Gross Customer Costs
Low Income Weatherization	$0	$16,455	$13,260	$1,688	$150,694	$182,097	$0
Total	**$0**	**$16,455**	**$13,260**	**$1,688**	**$150,694**	**$182,097**	**$0**

Table 3 – Low Income Weatherization Savings by Measure Category

Measure Group	Gross kWh Savings	Realization Rate	Adjusted Gross kWh Savings	Net to Gross Ratio	Net kWh Savings	Measure Life
Low Income Weatherization	52,320	100%	52,320	100%	52,320	25
Total	**52,320**	**100%**	**52,320**	**100%**	**52,320**	**25**

Table 4 – Low Income Weatherization Program Level Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.2465	$182,097	$99,889	-$82,207	0.55
Total Resource Cost Test (TRC) No Adder	$0.2465	$182,097	$90,809	-$91,288	0.50
Utility Cost Test (UCT)	$0.2465	$182,097	$90,809	-$91,288	0.50
Rate Impact Test (RIM)		$265,700	$90,809	-$174,891	0.34
Participant Cost Test (PCT)		$0	$234,297	$234,297	n/a
Lifecycle Revenue Impacts ($/kWh)					$0.000002025
Discounted Participant Payback (years)					n/a

In addition to the energy benefits reported above the program offers significant non-energy benefits (NEBs) in the form of health, safety and repair costs as shown in Table 5.

Table 5 – Low Income Weatherization Program Level Cost-Effectiveness Results

Non-Energy Benefit	Program Impact	Perspective Adjusted
Health, Safety and Repair Costs	$31,575	PTRC, TRC

Table 6 – Low Income Weatherization Program Level (with Non Energy Benefits) Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.2465	$182,097	$131,464	-$50,632	0.72
Total Resource Cost Test (TRC) No Adder	$0.2465	$182,097	$122,384	-$59,713	0.67
Utility Cost Test (UCT)	$0.2465	$182,097	$90,809	-$91,288	0.50
Rate Impact Test (RIM)		$265,700	$90,809	-$174,891	0.34
Participant Cost Test (PCT)		$0	$234,297	$234,297	n/a
Lifecycle Revenue Impacts ($/kWh)					$0.000002025
Discounted Participant Payback (years)					n/a

***watt*smart Business**

Navigant estimated the cost-effectiveness results for the Idaho Wattsmart Business Program, based on 2014 costs and savings estimates provided by PacifiCorp. This memo provides the cost-effectiveness results for the overall program and for the eight measure categories.

Cost-effectiveness was tested using the 2013 IRP east system 70% load factor decrement. The program passes the cost-effectiveness for all the tests except the RIM test. The memo consists of the following tables.

Table 1 - Utility Inputs
Table 2 - Annual Commercial and Industrial Program Costs by Measure Type
Table 3 - Annual Commercial and Industrial Savings by Measure Type
Table 4 - Benefit/Cost Ratios by Measure Category
Table 5 - Wattsmart Business Program Level Cost-Effectiveness Results
Table 6 - Wattsmart Business Lighting Cost-Effectiveness Results
Table 7 - Wattsmart Business HVAC Cost-Effectiveness Results
Table 8 - Wattsmart Business Motors Cost-Effectiveness Results
Table 9 - Wattsmart Business Irrigation Cost-Effectiveness Results
Table 10 - Wattsmart Business Refrigeration Cost-Effectiveness Results
Table 11 - Wattsmart Business Dairy Cost-Effectiveness Results
Table 12 - Wattsmart Business Pumps Cost-Effectiveness Results
Table 13 - Wattsmart Business Cooking Equipment Cost-Effectiveness Results

Table 1 - Utility Inputs

Parameter	Value
Discount Rate	6.88%
Commercial Line Loss	10.75%
Industrial Line Loss	7.52%
Irrigation Line Loss	11.45%
Commercial Energy Rate ($/kWh)(base year 2014)	$0.0866
Industrial Energy Rate ($/kWh)(base year 2014)	$0.0698
Irrigation Energy Rate ($/kWh)(base year 2014)	$0.0886
Inflation Rate[1]	1.90%

[1] Future rates determined using a 1.9% annual escalator.

Table 2 - Annual Commercial and Industrial Program Costs by Measure Category

Measure Group	Engineering Costs	Utility Admin	Program Admin	Program Dev.	Incentives	Total Utility Costs	Gross Customer Costs
Lighting	$89,046	$68,573	$196,637	$37,025	$305,974	$697,256	$870,644
HVAC	$1,435	$1,105	$3,168	$597	$8,006	$14,310	$28,977
Motors	$55,355	$42,629	$122,239	$23,016	$93,025	$336,265	$299,594
Irrigation	$62,958	$48,483	$139,027	$26,177	$174,980	$451,625	$491,755
Refrigeration	$27,904	$21,489	$61,620	$11,602	$75,105	$197,720	$179,097
Dairy	$1,550	$1,193	$3,422	$644	$8,930	$15,739	$28,994
Pumps	$1,802	$1,388	$3,979	$749	$2,888	$10,806	$8,483
Cooking Equipment	$68	$52	$149	$28	$350	$647	$931
Total	**$240,118**	**$184,911**	**$530,242**	**$99,839**	**$669,258**	**$1,724,368**	**$1,908,474**

Table 3 - Annual Commercial and Industrial Savings by Measure Category

Measure Group	Gross kWh Savings	Realization Rate	Adjusted Gross kWh Savings	Net to Gross Ratio	Net kWh Savings	Measure Life
Lighting	2,166,198	98%	2,112,078	73%	1,531,572	14
HVAC	34,900	98%	34,028	73%	24,675	15
Motors	1,346,613	98%	1,312,969	73%	952,099	15
Irrigation	1,531,552	98%	1,493,288	73%	1,082,857	11
Refrigeration	678,816	98%	661,857	73%	479,945	15
Dairy	37,696	98%	36,754	73%	26,652	12
Pumps	43,838	98%	42,743	73%	30,995	12
Cooking Equipment	1,644	98%	1,603	73%	1,162	10
Total	**5,841,257**	**98%**	**5,695,320**	**73%**	**4,129,958**	**14**

Table 4 - Benefit/Cost Ratios by Measure Category

Measure Group	PTRC	TRC	UCT	RIM	PCT
Lighting	1.23	1.12	1.64	0.55	2.57
HVAC	0.82	0.75	1.42	0.53	1.41
Motors	1.75	1.60	2.18	0.59	4.48
Irrigation	1.31	1.19	1.67	0.58	2.76
Refrigeration	1.65	1.50	1.92	0.57	4.00
Dairy	0.66	0.60	1.06	0.48	1.21
Pumps	1.56	1.42	1.85	0.54	4.60
Cooking Equipment	0.72	0.66	0.99	0.43	1.61
Total	**1.38**	**1.26**	**1.78**	**0.57**	**3.02**

Table 5 - Wattsmart Business Program Level Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0612	$2,439,039	$3,377,613	$938,574	1.38
Total Resource Cost Test (TRC) No Adder	$0.0612	$2,439,039	$3,070,557	$631,518	1.26
Utility Cost Test (UCT)	$0.0433	$1,724,368	$3,070,557	$1,346,189	1.78
Rate Impact Test (RIM)		$5,421,016	$3,070,557	-$2,350,459	0.57
Participant Cost Test (PCT)		$1,908,474	$5,767,031	$3,858,558	3.02
Lifecycle Revenue Impacts ($/kWh)					$0.000048943

Table 6 through Table 13 provides cost-effectiveness results for all eight measures.

Table 6 - Wattsmart Business Lighting Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0674	$1,022,629	$1,259,106	$236,477	1.23
Total Resource Cost Test (TRC) No Adder	$0.0674	$1,022,629	$1,144,642	$122,013	1.12
Utility Cost Test (UCT)	$0.0459	$697,256	$1,144,642	$447,386	1.64
Rate Impact Test (RIM)		$2,097,552	$1,144,642	-$952,910	0.55
Participant Cost Test (PCT)		$870,644	$2,237,018	$1,366,375	2.57
Lifecycle Revenue Impacts ($/kWh)					$0.000019842
Discounted Participant Payback (years)					4.60

Table 7 - Wattsmart Business HVAC Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.1065	$27,317	$22,423	-$4,894	0.82
Total Resource Cost Test (TRC) No Adder	$0.1065	$27,317	$20,384	-$6,932	0.75
Utility Cost Test (UCT)	$0.0558	$14,310	$20,384	$6,074	1.42
Rate Impact Test (RIM)		$38,196	$20,384	-$17,811	0.53
Participant Cost Test (PCT)		$28,977	$40,945	$11,968	1.41
Lifecycle Revenue Impacts ($/kWh)					$0.000000346
Discounted Participant Payback (years)					n/a

Table 8 - Wattsmart Business Motors Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0465	$460,490	$808,047	$347,557	1.75
Total Resource Cost Test (TRC) No Adder	$0.0465	$460,490	$734,588	$274,099	1.60
Utility Cost Test (UCT)	$0.0340	$336,265	$734,588	$398,323	2.18
Rate Impact Test (RIM)		$1,241,008	$734,588	-$506,419	0.59
Participant Cost Test (PCT)		$299,594	$1,340,689	$1,041,095	4.48
Lifecycle Revenue Impacts ($/kWh)					$0.000009834
Discounted Participant Payback (years)					2.61

Table 9 - Wattsmart Business Irrigation Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0703	$633,241	$830,110	$196,869	1.31
Total Resource Cost Test (TRC) No Adder	$0.0703	$633,241	$754,645	$121,404	1.19
Utility Cost Test (UCT)	$0.0502	$451,625	$754,645	$303,020	1.67
Rate Impact Test (RIM)		$1,308,379	$754,645	-$553,734	0.58
Participant Cost Test (PCT)		$491,755	$1,356,466	$864,711	2.76
Lifecycle Revenue Impacts ($/kWh)					$0.000014706
Discounted Participant Payback (years)					3.44

Table 10 - Wattsmart Business Refrigeration Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0506	$252,487	$416,784	$164,297	1.65
Total Resource Cost Test (TRC) No Adder	$0.0506	$252,487	$378,895	$126,408	1.50
Utility Cost Test (UCT)	$0.0396	$197,720	$378,895	$181,175	1.92
Rate Impact Test (RIM)		$662,685	$378,895	-$283,790	0.57
Participant Cost Test (PCT)		$179,097	$716,304	$537,208	4.00
Lifecycle Revenue Impacts ($/kWh)					$0.000005511
Discounted Participant Payback (years)					2.55

Table 11 - Wattsmart Business Dairy Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.1177	$27,834	$18,433	-$9,401	0.66
Total Resource Cost Test (TRC) No Adder	$0.1177	$27,834	$16,757	-$11,076	0.60
Utility Cost Test (UCT)	$0.0666	$15,739	$16,757	$1,018	1.06
Rate Impact Test (RIM)		$34,730	$16,757	-$17,973	0.48
Participant Cost Test (PCT)		$28,994	$35,119	$6,125	1.21
Lifecycle Revenue Impacts ($/kWh)					$0.000000437
Discounted Participant Payback (years)					12.94

Table 12 - Wattsmart Business Pumps Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.0512	$14,070	$22,008	$7,938	1.56
Total Resource Cost Test (TRC) No Adder	$0.0512	$14,070	$20,007	$5,937	1.42
Utility Cost Test (UCT)	$0.0393	$10,806	$20,007	$9,201	1.85
Rate Impact Test (RIM)		$36,984	$20,007	-$16,977	0.54
Participant Cost Test (PCT)		$8,483	$38,988	$30,505	4.60
Lifecycle Revenue Impacts ($/kWh)					$0.000000413
Discounted Participant Payback (years)					n/a

Table 13 - Wattsmart Business Cooking Equipment Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conversation Adder	$0.1082	$972	$702	-$270	0.72
Total Resource Cost Test (TRC) No Adder	$0.1082	$972	$638	-$334	0.66
Utility Cost Test (UCT)	$0.0720	$647	$638	-$9	0.99
Rate Impact Test (RIM)		$1,482	$638	-$844	0.43
Participant Cost Test (PCT)		$931	$1,502	$571	1.61
Lifecycle Revenue Impacts ($/kWh)					$0.000000025
Discounted Participant Payback (years)					6.43

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Appendix 3

Program Expenditures by Category
2014

		Program Expenditures by Category							
Program	Adjusted Total	Admin - Program Delivery Total	Admin - Utility Total	Customer Incentive Total	Dealer/Trade Ally Incentive Total	Engineering Total	Equipment Total	Evaluation Total	Marketing Total
Energy FinAnswer - Commercial	$ 146,666.97		$16,303.77	$76,343.98		$46,829.20		$582.77	$6,607.25
Energy FinAnswer - Industrial	$ 67,583.88		$12,896.56	$16,397.00		$21,186.60		$1,087.95	$13,118.94
FinAnswer Express - Agricultural	$ 7,160.55		$6,906.08					$114.57	
FinAnswer Express - Commercial	$629,329.02	$175,910.99	$35,731.72	$351,710.13		$37,975.84		$3,677.04	$16,122.25
FinAnswer Express - Industrial	$ 308,924.70	$227,305.29	$34,518.50	$23,184.89		$11,830.32		$1,524.61	$8,202.32
Home Energy Reporting	$ 20,472.99	$12,750.00							$264.00
Home Energy Savings	$ 922,205.61	$266,903.10	$73,912.94	$561,535.82	$8,085.00			$3,535.80	$2,855.38
Irrigation Energy Savers	$ 468,972.12	$126,375.50	$34,150.86	$196,242.66		$105,633.69		$3,376.30	$787.61
Low Income Weatherization	$ 182,096.85	$13,260.14	$16,454.75	$0.00	$150,694.46			$1,099.44	$10.01
Low Income Education	$ 25,000.00	$25,000.00							
Outreach & Comm - wattsmart	$ 4,989.41		$39.00						$4,950.41
Portfolio - DSM Central	$ 13,309.39	$9,403.83	$3,905.56						
Portfolio - TRL	$14,488.17		$14,488.17						
Portfolio Evaluation - C&I	$ 110,684.72		$110,684.72						
Portfolio Evaluation - Residential	$ 93,899.56		$93,899.56					$0.00	
See Ya Later Refrigerator	$ 110,600.81	$57,442.50	$12,244.40	$30,057.98				$226.88	$8,952.98
wattsmart Business - Agricultural	$ 3,153.00		$91.00	$3,062.00					
wattsmart Business - Commercial	$ 39,556.32		$31,775.92	$2,317.00		$5,463.40			
wattsmart Business - Industrial	$ 19,085.62		$7,886.96			$11,198.66			
wattsmart Business - Portfolio	$ 33,935.71	$650.00	$4,650.00						$984.99
Total of all programs	**$ 3,222,115.40**	**$5,318,406.76**	**$553,371.87**	**$1,266,979.44**	**$158,779.46**	**$240,117.71**		**$25,060.98**	**$62,856.14**

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Appendix 4

Idaho Measure Installation Verifications

Idaho Measure Installation Verifications

Low Income Weatherization

All projects

- All measures are qualified through US Department of Energy approved audit tool.
- 100 percent inspection by agency inspector of all homes treated, reconciling work completed and quality (corrective action includes measure verification) prior to invoicing Company.
- Community Action Partnership Association of Idaho (CAPAI) and state inspector follows with random inspections.
- Company program manager joins CAPAI and state inspectors during their monitoring session.

Home Energy Savings

Site inspections by Program Administrator staff for the following retrofit measures. Inspections are performed on >=5 percent of single family homes, >=5 percent of manufactured homes, and 100 percent of multifamily projects.

- Duct sealing
- Duct sealing and insulation
- Gas furnace with electrically commutated motor (ECM)
- Heat pump best practices installation and proper sizing
- Heat pump tune-ups
- Heat pump water heaters
- Insulation
- Windows

No site inspections are conducted for the following measures. However, all post-purchase incented measures undergo a quality assurance review prior to the issuance of the customer/dealer incentive and recording of savings (e.g. proof of purchase receipt review) and eligible equipment review. Additionally, customer account and customer address are checked to ensure the Company does not double pay for the same measure or double count measure savings.

- Central air conditioners
- Clothes washers
- Electric water heater
- Evaporative coolers
- Freezers
- Heat pumps
- Ductless heat pumps
- Ground source heat pumps
- Refrigerators

No site inspections are conducted for the following measures, which are delivered via an upstream, manufacturer buy-down model. Promotion agreement contracts are signed with

manufacturers and retailers to set incentive levels, final product prices, and limits to the total number of units that can be purchased per customer. Program Administrator verifies measures for product eligibility and correct pricing. Pricing is also verified by Program Administrator field visits to retail locations.

- CFL bulbs
- LED bulbs
- Light fixtures
- Room air conditioners
- Advanced power strips

Customer eligibility for ***watt***smart Starter Kits is verified using the customer's account number and last name and cross-verifying with the current PacifiCorp customer database.

Refrigerator Recycling

Company hires an independent inspector to phone survey $\geq$ 5 percent program participants and to site inspect $\geq$ 5 percent of program participants in order to verifying program participation, eligibility of equipment, that vendor pick-up procedures are followed (equipment is disabled at site, kits distributed, etc.) and to survey customer experience.

wattsmart Business

<u>For projects delivered by third party program administrator</u>

Lighting projects

- Retrofits - 100 percent pre- and post-installation site inspections by third party consultant of all projects with incentives over a specified dollar amount. Project cost documentation reviewed for all projects.
- New construction - 100 percent post-installation site inspections by third party consultant of all projects with incentives over a specified dollar amount.
- A percent of post-installation site inspections by program administrator of projects with incentives under a specified dollar amount.

Non-lighting projects (typical upgrades/listed measures, custom measures)

- 100 percent of applications with an incentive that exceeds a specified dollar amount will be inspected (via site inspection) by program administrator.
- A minimum of a specified percent of remaining non-lighting applications will be inspected, either in person or via telephone interview, by program administrator.

<u>For Company in-house project manager delivered projects</u>

Lighting and non-lighting

- 100 percent pre/post-installation site inspections by third party consulting engineering firms, invoice reconciled to inspection results.
- No pre-inspection for new construction

All Programs

As part of the third-party program evaluations (two-year cycle) process, the Company is implementing semi-annual customer surveys to collect evaluation-relevant data more frequently to cure for memory loss and other detractors such as customers moving and data not be readily available at evaluation time). This will serve as a further check verifying customer participation and measures installed.

Additional record reviews and site inspections (including metering/data logging) is conducted as part of the process and impact evaluations, a final verification of measure installations.

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Appendix 5

Home Energy Savers Retailers
2014

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Table 2: 2014 Participating Idaho Downstream Retailers 3

Table 3: 2014 Participating Idaho HVAC Trade Allies 4

Table 4: 2014 Participating Idaho Weatherization Trade Allies 6

Table 5: Percentage of 2014 Idaho Applications by Category 6

Table 1: 2014 Participating Idaho Upstream Retailers

Store Name	City	CFLs	LEDs	Fixtures
Ace Hardware #14355	Rexburg	√		
Broulim's Fresh Foods #1	Montpelier	√		
Broulim's Fresh Foods #2	Rexburg	√		
Dollar Tree #3691	Rexburg	√		
Downey Food Center #1	Downey	√		
Thomas Market Inc. #1	Malad City	√		
Walgreens #9918	Rexburg	√		
Wal-Mart #1878	Rexburg	√	√	√

Table 2: 2014 Participating Idaho Downstream Retailers

Retailer	City	Clothes Washer	Dishwasher**	Electric Water Heater	Evaporative Cooler	Fixture	Freezer	Refrigerator	Room Air Conditioner	Self-Installed Insulation	No Redemptions in 2014
Ace Hardware #14355	Rexburg										√
Best Buy #944	Idaho Falls	√									
Bingham & Sons Furniture and Appliance	Rexburg	√	√								
Blacker's Home Furnishings	Idaho Falls	√	√								
Denning's Showcase	Idaho Falls	√	√					√			
Do It Best - Stronks and Sons	Ashton										√
Do It Best - Yellowstone	Rigby										√
El Gene's TV and Appliance	Rexburg										√
Falls Plumbing Supply	Idaho Falls			√							
Ferguson Enterprises Inc	Idaho Falls										√
First Street Plumbing	Idaho Falls										√
Home Depot #1802	Idaho Falls	√	√	√	√	√		√			
Lowe's #1906	Idaho Falls	√	√			√		√		√	
Northgate Appliance	Idaho Falls	√	√								
Rocknacks Hardware Plus	Idaho Falls										√
Sanders Furniture	Soda Springs										√
Sears #2278	Idaho Falls	√	√					√			
Sears #3290	Rexburg	√	√					√			

Retailer	City	Clothes Washer	Dishwasher**	Electric Water Heater	Evaporative Cooler	Fixture	Freezer	Refrigerator	Room Air Conditioner	Self-Installed Insulation	No Redemptions in 2014
Thomas Electric & Furniture	Malad City	√	√								
True Value #10217	Montpelier										√
U&I Furniture	Preston										√
Wolfe Lighting #1	Rexburg					√					

Table 3: 2014 Participating Idaho HVAC Trade Allies

Trade Ally Name	City	Central Air Conditioner (CAC) Equipment	Duct Sealing	Duct Sealing & Insulation	Evaporative Cooler	Gas Furnace	Ground Source Heat Pump Conversion	Ground Source Heat Pump Upgrade	Heat Pump Best Practice Installation & Sizing	Heat Pump Tune-up**	Heat Pump Conversion	Heat Pump Upgrade	Heat Pump, Ductless	No Redemptions in 2014
Alpine Heating & Air Conditioning	Idaho Falls	√				√					√		√	
Conan Heating, Inc.	Idaho Falls						√							
Ductz of WA & ID/Ductz of Post Falls	Post Falls													√
Excellence Heating & Cooling	Idaho Falls	√												
First Call Jewel, Inc.	Idaho Falls					√			√		√	√	√	
Hallmark Exteriors	Ammon													√
Home Energy Experts	Clearfield													√

Trade Ally Name	City	Central Air Conditioner (CAC) Equipment	Duct Sealing	Duct Sealing & Insulation	Evaporative Cooler	Gas Furnace	Ground Source Heat Pump Conversion	Ground Source Heat Pump Upgrade	Heat Pump Best Practice Installation & Sizing	Heat Pump Tune-up**	Heat Pump Conversion	Heat Pump Upgrade	Heat Pump, Ductless	No Redemptions in 2014
J. Ransom Heating Inc	Preston												√	
JM Mechanical	Hyde Park					√								
Johnson Brothers, Inc	Idaho Falls													√
Malad Heating and Cooling LLC	Malad City													√
Master Tech LLC	Rigby													√
Mountain Valley Heating and Air Conditioning	Wellsville													√
Palmer Heating and Cooling LLC	Idaho Falls													√
Quantum Engineering	Idaho Falls													√
Sermon Service and Electric	Idaho Falls										√			
Sprinter Heating and Hydronics	Rigby													√
Young Electric Heating and Air Inc	Idaho Falls													√

Table 4: 2014 Participating Idaho Weatherization Trade Allies

Trade Ally Name	City	Attic Insulation	Floor Insulation	Wall Insulation	Windows	No Redemptions in 2014
Advanced Insulation	Idaho Falls	√				
BDI Insulation of Idaho Falls	Idaho Falls					√
Bi-State Siding & Window- ID	Lewiston					√
BMC West - Idaho Falls	Idaho Falls					√
Campbell's Quality Exteriors	Idaho Falls				√	
Cardall's Insulation - Logan	Logan	√	√	√		
Classic Remodeling	Ogden					√
Ductz of WA & ID/Ductz of Post Falls	Post Falls					√
Eco Insulation- Idaho	Pocatello					√
First Call Jewel, Inc.	Idaho Falls					√
Go Green Insulation	Caldwell					√
Green Acres Home Improvement	Idaho Falls				√	
Hallmark Exteriors	Ammon					√
Hansen Paint & Glass	Preston					√
High Country Glass & Mirror	St. Anthony				√	
Holeshot Plumbing	Ammon					√
Home Energy Experts	Clearfield					√
Newt Construction	Idaho Falls					√
Precision Glass And Aluminum, Inc.	Pocatello					√
Rocky Mountain Insulation-Idaho	Pocatello					√

Table 5: Percentage of 2014 Idaho Applications by Category

Customer City	% of All Applications	% of Appliance & Fixture Applications	% of HVAC Applications	% of Manufactured Homes Applications	% of Weatherization Applications	% of Kits Applications
IDAHO FALLS	19.64%	27.37%	35.42%	100.00%	35.19%	17.86%
REXBURG	16.84%	11.21%	4.17%	0.00%	7.41%	18.05%
RIGBY	12.60%	15.94%	6.25%	0.00%	11.11%	12.06%

Customer City	% of All Applications	% of Appliance & Fixture Applications	% of HVAC Applications	% of Manufactured Homes Applications	% of Weatherization Applications	% of Kits Applications
AMMON	8.11%	12.95%	8.33%	0.00%	3.70%	7.27%
SHELLEY	6.10%	5.60%	12.50%	0.00%	11.11%	6.12%
PRESTON	5.00%	4.66%	6.25%	0.00%	5.56%	5.06%
SAINT ANTHONY	4.31%	1.89%	4.17%	0.00%	7.41%	4.74%
MALAD CITY	1.97%	1.46%	2.08%	0.00%	1.85%	2.06%
FIRTH	1.81%	1.60%	0.00%	0.00%	3.70%	1.85%
ASHTON	1.69%	0.58%	0.00%	0.00%	0.00%	1.92%
MONTPELIER	1.50%	0.80%	0.00%	0.00%	0.00%	1.65%
SUGAR CITY	1.39%	1.38%	0.00%	0.00%	1.85%	1.40%
IONA	1.18%	2.40%	2.08%	0.00%	0.00%	0.96%
MENAN	1.16%	1.31%	0.00%	0.00%	1.85%	1.13%
MCCAMMON	0.81%	0.00%	2.08%	0.00%	0.00%	0.96%
UCON	0.78%	1.09%	0.00%	0.00%	0.00%	0.73%
TETON	0.77%	0.29%	0.00%	0.00%	0.00%	0.87%
LAVA HOT SPRINGS	0.73%	0.36%	0.00%	0.00%	0.00%	0.81%
FRANKLIN	0.73%	1.09%	0.00%	0.00%	0.00%	0.68%
WESTON	0.73%	1.02%	0.00%	0.00%	3.70%	0.67%
RIRIE	0.69%	1.09%	0.00%	0.00%	0.00%	0.63%
PARIS	0.60%	0.07%	0.00%	0.00%	0.00%	0.71%
FISH HAVEN	0.59%	0.15%	0.00%	0.00%	0.00%	0.68%
DOWNEY	0.56%	0.22%	2.08%	0.00%	1.85%	0.60%
DUBOIS	0.52%	0.29%	0.00%	0.00%	0.00%	0.57%
ROBERTS	0.52%	0.36%	2.08%	0.00%	0.00%	0.55%
BEAR LAKE WEST	0.50%	0.29%	0.00%	0.00%	0.00%	0.55%
LEWISVILLE	0.49%	0.36%	0.00%	0.00%	1.85%	0.51%
GEORGETOWN	0.47%	0.15%	0.00%	0.00%	0.00%	0.53%
ARCO	0.46%	0.07%	0.00%	0.00%	0.00%	0.53%
SODA SPRINGS	0.46%	0.15%	0.00%	0.00%	0.00%	0.52%
NEWDALE	0.43%	0.15%	0.00%	0.00%	0.00%	0.49%
GRACE	0.42%	0.29%	0.00%	0.00%	0.00%	0.45%
DAYTON	0.38%	0.44%	0.00%	0.00%	0.00%	0.37%
TERRETON	0.38%	0.22%	4.17%	0.00%	1.85%	0.37%
BANCROFT	0.34%	0.00%	0.00%	0.00%	0.00%	0.41%
ARIMO	0.32%	0.22%	0.00%	0.00%	0.00%	0.35%
BLOOMINGTON	0.31%	0.36%	0.00%	0.00%	0.00%	0.31%
PARKER	0.29%	0.15%	0.00%	0.00%	0.00%	0.32%
CLIFTON	0.28%	0.15%	0.00%	0.00%	0.00%	0.31%

Customer City	% of All Applications	% of Appliance & Fixture Applications	% of HVAC Applications	% of Manufactured Homes Applications	% of Weatherization Applications	% of Kits Applications
HAMER	0.26%	0.44%	2.08%	0.00%	0.00%	0.21%
BASALT	0.24%	0.15%	0.00%	0.00%	0.00%	0.27%
BLACKFOOT	0.22%	0.15%	0.00%	0.00%	0.00%	0.24%
ST CHARLES	0.22%	0.22%	0.00%	0.00%	0.00%	0.23%
BENNINGTON	0.21%	0.15%	0.00%	0.00%	0.00%	0.23%
MONTEVIEW	0.18%	0.22%	0.00%	0.00%	0.00%	0.17%
DINGLE	0.14%	0.15%	0.00%	0.00%	0.00%	0.15%
CHESTER	0.13%	0.00%	0.00%	0.00%	0.00%	0.16%
OVID	0.13%	0.00%	0.00%	0.00%	0.00%	0.16%
HOWE	0.12%	0.00%	0.00%	0.00%	0.00%	0.15%
MARYSVILLE	0.11%	0.00%	0.00%	0.00%	0.00%	0.13%
SWANLAKE	0.10%	0.00%	0.00%	0.00%	0.00%	0.12%
KILGORE	0.09%	0.00%	0.00%	0.00%	0.00%	0.11%
THATCHER	0.09%	0.15%	0.00%	0.00%	0.00%	0.08%
MUD LAKE	0.08%	0.00%	0.00%	0.00%	0.00%	0.09%
BERN	0.06%	0.00%	0.00%	0.00%	0.00%	0.07%
DYKE LAKE	0.06%	0.00%	0.00%	0.00%	0.00%	0.07%
ONYX	0.06%	0.00%	0.00%	0.00%	0.00%	0.07%
SHARON	0.06%	0.00%	0.00%	0.00%	0.00%	0.07%
SPENCER	0.06%	0.00%	0.00%	0.00%	0.00%	0.07%
LANARK	0.04%	0.00%	0.00%	0.00%	0.00%	0.05%
ALEXANDER	0.03%	0.00%	0.00%	0.00%	0.00%	0.04%
STONE	0.03%	0.00%	0.00%	0.00%	0.00%	0.04%
TRAIL CREEK	0.03%	0.00%	0.00%	0.00%	0.00%	0.04%
BEAR LAKE SD	0.03%	0.00%	2.08%	0.00%	0.00%	0.03%
CENTRAL	0.03%	0.07%	0.00%	0.00%	0.00%	0.03%
HOLBROOK	0.03%	0.07%	0.00%	0.00%	0.00%	0.03%
LIBERTY	0.03%	0.07%	0.00%	0.00%	0.00%	0.03%
BENCH	0.02%	0.00%	0.00%	0.00%	0.00%	0.03%
EAST SHORE	0.02%	0.00%	0.00%	0.00%	0.00%	0.03%
GENEVA	0.02%	0.00%	0.00%	0.00%	0.00%	0.03%
NITER	0.02%	0.00%	0.00%	0.00%	0.00%	0.03%
OXFORD	0.02%	0.00%	0.00%	0.00%	0.00%	0.03%
ROBIN	0.02%	0.00%	0.00%	0.00%	0.00%	0.03%
WOOD CANYON	0.02%	0.00%	2.08%	0.00%	0.00%	0.01%
BLAZER	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
CLEVELAND	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
FISH CREEK	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%

Customer City	% of All Applications	% of Appliance & Fixture Applications	% of HVAC Applications	% of Manufactured Homes Applications	% of Weatherization Applications	% of Kits Applications
LEADORE	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
LUND	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
MEADOWVILLE	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
THORNTON	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
TOPAZ	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
TURNER	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
VIRGINIA	0.01%	0.00%	0.00%	0.00%	0.00%	0.01%
EMERALD BEACH	0.01%	0.00%	2.08%	0.00%	0.00%	0.00%

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Appendix 6

Idaho Program Evaluation Recommendations and Responses

Idaho 2014 Evaluations

Program Evaluation Recommendations and Company Responses

Evaluation reports provide detailed information on the process and impact evaluations performed on each program, summarizing the methodology used to calculate the evaluated savings as well as providing recommendations for the Company to consider for improving the process or impact of the program, as well as customer satisfaction.

Outlined below is a list of the programs, the years that were evaluated during 2014 and the third party evaluator who completed the evaluation. Program evaluations are available for review at www.pacificorp.com/es/dsm/idaho.html

Program	Years Evaluated	Evaluator
Home Energy Savings	2011-2012	The Cadmus Group

Company responses to the program recommendations contained in the 2011 – 2012 evaluations are provided below.

The third party evaluator's recommendations and Company's responses are provided in the below Tables:

Table 1
Home Energy Savings Evaluation Recommendations

Evaluation Recommendations	Rocky Mountain Power Action Plan
In order to remain consistent with the Uniform Methods Project (UMP), Cadmus recommends using the lumen equivalency methodology outlined in UMP protocol to determine baseline wattages for future program years.	The program uses commercially available baselines as recommended by the Uniform Methods Project to determine the baseline for each replacement CFL and LED wattage; savings are determined per lamp based on this replacement data. Commercially available baselines are determined using both the recommended lumen output buckets as indicated by ENERGY STAR as well as actual program data gathered from redeemed bulbs.
To further enhance the program administrator's methodology for calculating and minimizing CFL leakage, review the confidence surrounding geocoded addresses to ensure that store locations are accurately mapped. Also, consider using Rocky Mountain Power's actual service area territory	The data used in the retail sales allocation tool, which is used to minimize leakage, is reviewed on a regular basis to ensure accurate mapping of store locations and utility service territory.

Evaluation Recommendations	Rocky Mountain Power Action Plan
boundary to refine the model.	
Review options for how best to understand and track the impact of EISA for 60- and 40- watt bulbs in 2014. Some states have allowed utilities to stagger changing the baseline for bulbs impacted by EISA.	The program continues to monitor bulbs sales to understand trends in the market.
In order to reduce the number of rejected applications, incorporate as many of the best practices stated in Appendix M into the HES incentive forms as deemed cost-effective. Cadmus suggests prioritizing the following: – Keep the incentive form length to a minimum. – Encourage trade allies to fill out the paperwork through training or bonuses to decrease the number of rejected applications. – Utilize a paperless application process for all incentive applications.	Paperless online incentive applications are available for all appliance measures. Paper based incentive applications have been revised and are now shorter. Training trade allies on filling out paperwork correctly is ongoing.

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Appendix 7

wattsmart Business Trade Allies
2014

Energy Efficiency Alliance

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The following is a list of contractors, distributors and other businesses participating in Rocky Mountain Power's Energy Efficiency Alliance displayed in random order (unless sorted by the user) based on the search criteria selected. This listing is provided solely as a convenience to our customers. Rocky Mountain Power does not warrant or guarantee the work performed by these participating vendors. You are solely responsible for any contract with a participating vendor and the performance of any vendor you have chosen.

An asterisk (*) indicates Rocky Mountain Power Outstanding Contribution Award winning trade allies in 2009, 2010, 2011, 2012 and/or 2013.

Search Criteria:

Selected State(s): Idaho

Specialties:
Lighting
HVAC - unitary
HVAC - evaporative
Motors and VFDs
Controls
Building envelope
Appliances
Office Equipment
Food Service
Compressed Air
Farm and Dairy
Irrigation
Other

Business Type: --ANY--

Search Results: 107 - Date and Time: 04/23/2015 10:55:24 AM

	Specialties	Business Type	Join Date	Projects Completed
Northern Lights Electric LLC* 3473 E. 20th N. Unit A Idaho Falls, ID - 83401 Phone: 208-757-9473	Lighting	Contractor	04/01/2009	8
American Mechanical Sysytems Service, LLC 7530 South State Street Midvale, UT - 84047 Phone: 801-428-0400 Website: www.ams-ut.com	Controls HVAC - unitary Motors and VFDs	Contractor	11/30/2012	
Young Electric, Heating & Air, inc. 1573 W. Sunnyside Road Idaho Falls,, ID - 83402 Phone: 208-357-1899 Website: www.youngehainc.com	Controls HVAC - evaporative HVAC - unitary Lighting	Contractor	12/03/2014	
DesignTek Consulting Group, LLC 1600 W. 2200 S. Salt Lake City, UT - 84119 Phone: 801-255-5449 Website: www.designtekconsulting.com	Compressed Air Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs	Contractor Engineering Firm	11/11/2013	
Spectrum Energy Solutions 8050 N Palm Ave #106, Fresno, CA - 93711 Phone: 559-438-2700 Website: www.spectrum-nrg.com	Farm and Dairy Irrigation Motors and VFDs Other: Other Specialty	Contractor Engineering Firm Other: consultant	04/10/2014	
Green Planet Company 63 East 11400 South #257 Sandy , UT - 84070 Phone: 801-980-1518 Website: www.greenplanetcompany.com	Appliances HVAC - evaporative HVAC - unitary Lighting Motors and VFDs	Distributor Manufacturer - Rep	05/07/2014	
Compressor - Pump & Service, Inc. 3333 W. 2400 S. Salt Lake City, UT - 84119 Phone: 801-973-0154 Website: www.compressor-pump.com	Compressed Air	Distributor	10/21/2013	

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	Specialties	Business Type	Join Date	Projects Completed
Gustave A. Larson Company 1395 Northgate Mile Idaho Falls, ID - 83401 Phone: 208-522-3270 Website: galarson.com	HVAC - unitary Motors and VFDs	Distributor	09/01/2008	
RME, Inc 8685 W State St Boise, ID - 83714 Phone: 208-853-2968 Website: rmeinc.net	Controls Lighting	Contractor Engineering Firm	10/14/2014	
Bastion Technologies, LLC 175 W 7065 S Midvale, UT - 84047 Phone: 800-328-6024 Website: www.bastiontech.com	Lighting	Distributor Manufacturer - Rep Other: consultant	07/30/2014	12
Harris Mechanical Intermountain 1925 South Milestone Drive Suite E, Salt Lake City, UT - 84104 Phone: 801-433-2640 Website: www.hmcc.com	HVAC - evaporative HVAC - unitary	Contractor	01/27/2014	
Electrical Wholesale Supply Co., Inc. - Corporate 1355 Fremont Ave Idaho Falls, ID - 83405 Phone: 208-523-2901 Website: www.ewscoinc.com	Controls Lighting Motors and VFDs	Distributor	09/22/2012	null
Candle3 LLC 6385 Corporate Dr. Colorado Springs, CO - 80919 Phone: 719-930-9099 Website: www.candle3.com	Controls Lighting	Distributor Manufacturer - Rep	11/21/2014	
Consolidated Electrical Distributors* - Logan, UT 636 N. 600 W. Logan, UT - 84321 Phone: 435-752-8905	Farm and Dairy Irrigation Lighting	Distributor	03/26/2005	58
Pacheco Company LLC 3646 E. Summer Hill Salt Lake City, UT - 84121 Phone: 801-541-3375 Website: www.pachecoco.com	Lighting Other: Other Specialty	Contractor Distributor Manufacturer - Rep	02/12/2015	
Architectural Nexus, Inc. 2505 East Parleys Way Salt Lake City, UT - 84109 Phone: 801-924-5000 Website: www.archnexus.com	Appliances Building envelope Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs Office Equipment	Architect	08/18/2014	
H-C Design & Consulting P.O. Box 10545 Bozeman, MT - 59719 Phone: 406-522-7700	Food Service	Manufacturer - Rep	07/01/2013	
Network Consulting Services, inc. 563 West 500 South Suite 245, Bountiful, UT - 84010 Phone: 801-295-7555 Website: http://www.ncsi.us	Office Equipment	Architect Contractor Engineering Firm Manufacturer - Rep	04/29/2013	

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	Specialties	Business Type	Join Date	Projects Completed
Alloway Commercial Lighting 1420 Grove Street Boise, ID - 83702 Phone: 208-344-2507 Website: www.allowaylighting.com	Lighting	Distributor	09/26/2012	1
PVE, Inc 1040 North 2200 West, Suite 100 Salt Lake City, UT - 84107 Phone: 801-359-3158	Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs	Engineering Firm	07/29/2013	
Utah Yamas Controls Inc.* 13526 S. 110 W. Draper, UT - 84020 Phone: 801-990-1950 Website: www.utahyamas.com	Building envelope Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs Other: Other Specialty	Contractor Distributor Engineering Firm Manufacturer - Rep	01/21/2013	
Green Creative LLC 533 Airport Blvd., Suite 212 Burlingame, CA - 94010 Phone: 866-774-5433 Website: www.gc-lighting.com	Lighting	Manufacturer - Rep	06/25/2013	
Harris Lighting Products 1405 W. 800 N. Preston, ID - 83263 Phone: 208-852-2890	Lighting	Distributor Manufacturer - Rep	04/01/2007	41
Norbryhn Equipment Company 3711 E. Newby St. Nampa, ID - 83687 Phone: 208-465-5700 Website: norbryhn.com	HVAC - unitary Motors and VFDs	Distributor	05/01/2012	
Valley Implement 213 West 8th North Preston, ID - 83263 Phone: 208-852-0430 Website: valley-implement.com	Controls Irrigation Motors and VFDs	Contractor	12/05/2012	null
Titan LED - North Logan 641 E 2200 N North Logan, UT - 84341 Phone: 801-784-8260 Website: www.titanled.net	Lighting	Manufacturer - Rep	07/08/2014	4
Lennox* 1008 W 2780 S Salt Lake City, UT - 84119 Phone: 801-556-6114 Website: lennoxcommercial.com	HVAC - unitary	Distributor	11/01/2005	
Allred's Incorporated - Logan 642 North 1000 West Unit # 104 Logan, UT - 84321 Phone: 435-774-1200 Website: www.allreds.net	HVAC - unitary	Distributor	05/11/2011	
Patriot Electric, Heating & Air Inc. 1347 E 1500 N Terreton, ID - 83450 Phone: 208-680-7345 Website: www.facebook.com/PtriotElectricHeatingAir	Controls Lighting Motors and VFDs	Contractor	08/26/2014	1

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	Specialties	Business Type	Join Date	Projects Completed
Loeb Lighting Services 1800 E 5th Ave Columbia, OH - 43219 Phone: 800-866-5616	Controls Lighting	Distributor	03/16/2015	
JRW & Associates, PLLC 1152 Bond Ave Rexburg, ID - 83440 Phone: 208-359-2309	Building envelope	Architect	10/21/2013	
Advanced Lighting, Inc. - Idaho 3099 south 1030 west Salt Lake City, UT - 84119 Phone: 801-972-9530	Lighting	Distributor	04/28/2014	1
Codale Electric Supply, Inc - Casper 3131 Wood Court Casper, WY - 82601 Phone: 702-261-8900 Website: www.codale.com	Lighting	Distributor	06/27/2013	1
Cooper Lighting 1121 Highway 74 South Peachtree, GA - 30269 Phone: 770-486-3092 Website: www.cooperlighting.com	Controls Lighting	Manufacturer - Rep	12/13/2012	
Electrical Wholesale Supply Co., Inc. - Rexburg 899 Jetstream Dr. Rexburg, ID - 83440 Phone: 208-356-7282 Website: www.ewscoinc.com	Controls Lighting Motors and VFDs	Distributor	09/22/2012	20
Verismic Software Inc. 65 Enterprise Aliso Viejo, CA - 92656 Phone: 949-270-1903 x 4736 Website: www.verismic.com	Office Equipment Other: Other Specialty	Contractor Distributor Manufacturer - Rep Other	01/16/2013	
Smart Building Solutions 2876 South 460 West Salt Lake City, UT - 84115 Phone: 801-733-6000 Website: www.intellivex.com	Building envelope Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs Office Equipment Other: Other Specialty	Distributor Manufacturer - Rep	03/04/2015	
American Electric Company, Inc. 78 West 13775 South, Suite 9 Draper, UT - 84020 Phone: 801-254-0782 Website: www.americanelectric.cc	Appliances Building envelope Controls Lighting Motors and VFDs Other: Other Specialty	Contractor	04/06/2015	
Mark Clary 2302 West 8540 South West Jordan, UT - 84088 Phone: 801-233-0882	Lighting	Architect	08/08/2013	
Electrical Wholesale Supply Co., Inc. - Driggs 83C Rocky Road Ind Lp. Driggs, ID - 83422 Phone: 208-354-1228 Website: www.ewscoinc.com	Controls Lighting Motors and VFDs	Distributor	09/22/2012	21

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Energy Efficiency Alliance

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	Specialties	Business Type	Join Date	Projects Completed
Conan's Inc. 429 W. 18th Street P.O. Box 2253, Idaho Falls, ID - 83402 Phone: 208-522-3372	Controls HVAC - evaporative HVAC - unitary	Contractor	02/12/2015	
Rocky Mountain Electric - Idaho Falls 6698 N. 25th E Idaho Falls, ID - 83401 Phone: 208-587-9682 x 6	Lighting	Contractor	08/27/2014	
Precision-Paragon [P2] 23281 La Palma Ave Yorba Linda, CA - 92887 Phone: 714-386-5550 Website: www.p-2.com	Lighting	Manufacturer - Rep Other: Manufacturer	03/13/2013	
Restaurant and Store Equipment Company 230 West 700 South Salt Lake City, UT - 84101 Phone: 801-364-1981 Website: rescoslc.com	Appliances Food Service	Distributor	10/15/2013	
Clark's Quality Roofing, Inc. 334 W. Anderson Avenue Salt Lake City, UT - 84107 Phone: 801-266-3575 Website: clarkroof.com	Building envelope	Contractor	09/19/2012	
Nulite Electric LLC 3570 Brookfield Ln. Ammon, ID - 83406 Phone: 208-680-9990 Website: nourlsited.org	Controls Lighting Motors and VFDs	Contractor	08/26/2014	
Royal Engineering, Inc. 2335 S. State Street Suite 100, Provo, UT - 84606 Phone: 801-375-2228 Website: www.royaleng.com	Building envelope Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs	Engineering Firm	12/31/2014	
Engineered Systems Assoc., Inc. 1355 E. Center Street Pocatello, ID - 83201 Phone: 208-233-0501	Controls HVAC - evaporative HVAC - unitary Motors and VFDs	Engineering Firm	01/10/2014	
Hatch Lighting 4133 N 45 E Idaho Falls, ID - 83401 Phone: 208-200-3000	Lighting	Distributor	05/06/2014	2
Bradley Engineering 382 Walnut Street Idaho Falls, ID - 83402 Phone: 208-523-2862 Website: www.bradleyengineering.com	Lighting	Engineering Firm	09/22/2012	8
Electrical Equipment Company 540 W. 20th St. Idaho Falls, ID - 83402 Phone: 208-522-4732 Website: electricalequipment.com	Lighting Other: Other Specialty	Contractor	01/01/2012	1
Engineering Economics, Inc. 780 Simms Street Suite 210 Golden, CO - 80401 Phone: 800-869-6902	Building envelope Controls HVAC - evaporative HVAC - unitary	Engineering Firm	01/20/2014	

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ROCKY MOUNTAIN POWER

	Specialties	Business Type	Join Date	Projects Completed
Van Boerum & Frank Associates 330 South 300 East Salt Lake City, UT - 84111 Phone: 801-530-3148 Website: www.vbfa.com	Building envelope Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs	Architect Engineering Firm Other	01/01/2012	
Honeywell International 2371 S. Presidents Way Suite A Salt Lake City, UT - 84120 Phone: 801-978-7136 Website: honeywell.com	Controls HVAC - evaporative HVAC - unitary Motors and VFDs	Contractor Distributor Manufacturer - Rep	05/01/2006	
Mountain West Mechanical 2336 W. 5200 S. Rexburg, ID - 83440 Phone: 208-356-0370 Website: www.mountainwestmechanical.com	HVAC - evaporative HVAC - unitary	Contractor	03/17/2014	
Lewis Corporation* 15136 Hunziker Pocatello, ID - 83202 Phone: 208-238-1202 Website: lcorp.com	HVAC - unitary	Contractor	08/01/2008	
Electrical Wholesale Supply Co., Inc. - Blackfoot 560 Jensen Grove Rd. Blackfoot, ID - 83221 Phone: 208-542-4995 Website: www.ewscoinc.com	Controls Lighting Motors and VFDs	Distributor	09/22/2012	null
Electrical Marketing Solutions (DBA) EMS 2139 S West Temple Salt Lake City, UT - 84115 Phone: 801-869-1445 Website: http://emsreps.com/	Controls Lighting	Manufacturer - Rep	12/31/2014	
LEPCO (Leonard Petroleum Equipment) P.O. Box 170219 Boise, ID - 83717 Phone: 208-336-1155	Lighting	Contractor	09/24/2012	2
Coolerado Corporation 4700 W. 60th Ave., Ste. 3 Arvada, CO - 80003 Phone: 303-375-0878 Website: coolerado.com	HVAC - evaporative HVAC - unitary	Distributor Manufacturer - Rep	03/01/2007	
Electrical Wholesale Supply Co., Inc. - Pocatello 220 West Maple Pocatello, ID - 83206 Phone: 208-233-1362 Website: www.ewscoinc.com	Controls Lighting Motors and VFDs	Distributor	09/22/2012	null
Hussmann Corporation 1385 W 2200 St Salt Lake City, UT - 84119 Phone: 805-458-7615 Website: hussmann.com	Controls Food Service HVAC - evaporative HVAC - unitary Lighting Motors and VFDs	Manufacturer - Rep	01/14/2015	

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	Specialties	Business Type	Join Date	Projects Completed
Wheeler Electric 469 West 16th St. Idaho Falls, ID - 83402 Phone: 208-522-1906 Website: wheelerelectric.com	Building envelope Compressed Air Controls Farm and Dairy Food Service Lighting Motors and VFDs	Contractor	01/01/2007	5
Green Light National, LLC 1001 South 400 East Orem, UT - 84077 Phone: 801-722-8677 Website: www.greenlightnational.com	Lighting	Contractor Distributor	02/18/2015	23
HD Supply Facilities Maintenance, Ltd. 10641 Scripps Summit Court San Diego, CA - 92131 Phone: 858-831-2231 Website: www.hdsupplysolutions.com	Appliances HVAC - evaporative HVAC - unitary	Distributor	01/22/2014	
High Country Heating 3939 E 240 N Rigby, ID - 83442 Phone: 208-745-7021 Website: www.modernphe.com	HVAC - evaporative HVAC - unitary	Contractor	06/18/2014	
Electrical Wholesale Supply Co., Inc. - Home Lighting 650 W. Sunnyside Rd. Idaho Falls, ID - 83402 Phone: 208-523-2300 Website: www.ewscoinc.com	Controls Lighting Motors and VFDs	Distributor	09/22/2012	null
Tirrell's Electric, Inc. 770 E. Sunnyside Rd. Idaho Falls, ID - 83404 Phone: 208-524-2456	Lighting	Contractor	03/01/2009	1
Royal Wholesale Electric - Logan 917 W 600 N Ste 101 Logan, UT - 84321 Phone: 435-752-7692 Website: royalutah.com	Lighting	Distributor	01/09/2008	15
Felt Lighting Inc. 1220 East 3300 South Salt Lake City, UT - 84106 Phone: 801-484-8571 Website: www.feltlighting.com	Controls Lighting	Distributor	11/27/2013	1
Sika Sarnafil Incorporated* 2881 South 900 West Salt Lake City, UT - 84119 Phone: 801-575-8648 Website: usa.sarnafil.sika.com	Building envelope	Contractor	11/01/2011	
Colvin Engineering Associates, Inc. 244 W 300 N Suite 200, Salt Lake City, UT - 84103 Phone: 801-322-2400	Controls HVAC - evaporative HVAC - unitary Other: Other Specialty	Architect Engineering Firm	04/29/2013	
GE 664 East 1300 North Pleasant Grove, UT - 84062 Phone: 801-785-8838 Website: www.gelighting.com	Controls Lighting	Manufacturer - Rep	09/04/2014	

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	Specialties	Business Type	Join Date	Projects Completed
DiVi Energy, LLC 191 North 290 West Lindon, UT - 84042 Phone: 801-243-1811	Lighting	Manufacturer - Rep Other	01/23/2013	60
Valley Implement 2570 N Main Logan, UT - 84341 Phone: 435-787-1586 Website: valley-implement.com	Controls Farm and Dairy Irrigation Motors and VFDs	Contractor	12/05/2012	null
LDP Associates Inc. 3908 Smith Ranch Rd Eagle Mountain, UT - 84005 Phone: 801-597-0618 Website: http://www.ldpassociates.com/	Other: Other Specialty	Architect Engineering Firm Manufacturer - Rep	06/27/2014	
D&S Electrical 363 West Chubbuck Road Pocatello, ID - 83202 Phone: 208-731-3701	Lighting Motors and VFDs	Distributor	12/01/2008	43
BKJ Holdings, LLC 3458 E Fairway Lane Spanish Fork, UT - 84660 Phone: 801-636-5969	Lighting	Distributor Manufacturer - Rep	01/06/2015	
Ovation Engineering & Consulting 1113 N Victoria Way Salt Lake City, UT - 84116 Phone: 801-871-0900	Controls Lighting	Engineering Firm	12/08/2014	
D.W. Electric 4565 E. 75th N. Rigby, ID - 83442 Phone: 208-681-7006	Lighting	Contractor	05/01/2011	1
YESCO LLC - Young Electric Sign Co. - Salt Lake City, UT 1605 S. Gramercy Road Salt Lake City, UT - 84104 Phone: 801-464-6454 Website: www.yesco.com	Appliances Controls Lighting Motors and VFDs	Contractor Manufacturer - Rep	09/22/2012	62
All American Lighting Inc. P.O. Box 2996 Idaho Falls, ID - 83206 Phone: 208-237-2164	Lighting	Distributor	03/01/2010	4
WHW Engineering Inc. 8619 Sandy Parkway #101 Sandy, UT - 84070 Phone: 801-466-4021	HVAC - evaporative HVAC - unitary Motors and VFDs	Engineering Firm	02/23/2015	
Electrical Wholesale Supply Co., Inc. - Idaho Falls 3140 McNeil Dr. Idaho Falls, ID - 83402 Phone: 208-523-2800 Website: www.ewscoinc.com	Lighting	Distributor	09/22/2012	20
Pete's Lighting 227 S. Johnson Ave. Pocatello, ID - 83204 Phone: 208-233-0220	Lighting	Distributor	09/01/2010	1

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	Specialties	Business Type	Join Date	Projects Completed
Bateman-Hall, Inc.* 1405 Foote Drive Idaho Falls, ID - 83402 Phone: 208-523-2681 Website: www.bateman-hall.com	Other: Other Specialty	Contractor	02/18/2014	
Consolidated Electrical Distributors* - Idaho Falls 865 Pancheri Idaho Falls, ID - 83402 Phone: 208-523-2022	Lighting	Distributor	09/24/2012	14
Catalyst LED Lighting Solutions 2817 N 12th St Coeur d Alene, ID - 83815 Phone: 480-789-3773 Website: http://www.catalystleds.com	Lighting	Distributor Manufacturer - Rep	05/01/2014	
Optica Energy Management, LLC 1772 Ross Dr Ogden, UT - 84403 Phone: 888-442-4866 Website: www.opticaenergy.com	HVAC - unitary Lighting Motors and VFDs	Distributor Other: Energy Management Company	04/11/2013	11
Engineering System Solutions DBA ES2 4943 N 29 E Suite A Idaho Falls, ID - 83401 Phone: 208-552-9874 Website: www.es2eng.com	Appliances Building envelope Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs	Engineering Firm	05/08/2014	
Electrical Support Services LLC 1037 E 1400 N. Shelly, ID - 83274 Phone: 208-251-6022	Farm and Dairy Irrigation Lighting Motors and VFDs	Contractor	03/12/2015	
Platt Electric Supply* - Idaho Falls 919 Pancheri Street Idaho Falls, ID - 83402 Phone: 208-524-6171	Controls Lighting Motors and VFDs	Distributor	01/01/2009	11
Case, Lowe & Hart, Inc. 2484 Washington Blvd. Suite 510, Ogden, UT - 84401 Phone: 801-399-5821 Website: www.clhae.com	Building envelope Compressed Air Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs	Architect Engineering Firm	05/17/2013	
Town & Country Electric, Inc. 1223 11th Ave. North Nampa, ID - 83687 Phone: 208-467-2148 Website: town-and-country-electric.com	Lighting	Contractor	01/01/2009	
Midgley-Huber, Inc.* 2465 Progress Drive Salt Lake City, UT - 84119 Phone: 801-972-5011 Website: Migley-huber.com	HVAC - evaporative HVAC - unitary	Manufacturer - Rep	05/01/2007	
Trane* 2817 S. 1030 W. Salt Lake City, UT - 84119 Phone: 801-486-0500 Website: www.trane.com	Controls HVAC - unitary Motors and VFDs	Distributor Manufacturer - Rep	03/01/2005	

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	Specialties	Business Type	Join Date	Projects Completed
Energy Management Corporation* 501 West 700 South Salt Lake City, UT - 84101 Phone: 801-366-4100 Website: emcsolutions.com	HVAC - unitary Motors and VFDs	Distributor	05/01/2004	
Johnson Controls, Inc.* 2255 Technology Parkway West Valley City, UT - 84119 Phone: 801-946-4059	Controls HVAC - evaporative HVAC - unitary Motors and VFDs	Contractor Manufacturer - Rep	06/01/2007	
ESL Vision LLC P.O. Box 58565 Salt Lake City, UT - 84102 Phone: 801-415-5177 Website: www.eslvision.com	Controls Lighting	Distributor Manufacturer - Rep	01/13/2013	
McKinstry Essention, LLC 112 N. Rubey Dr. Suite 200, Golden, CO - 80403 Phone: 435-632-8433 Website: www.mckinstry.com	Building envelope Compressed Air Controls HVAC - evaporative HVAC - unitary Irrigation Lighting Motors and VFDs Other: Other Specialty	Engineering Firm	02/12/2014	
Skyview Electric Inc 2299 W Omni Dr Idaho Falls, ID - 83402 Phone: 208-542-0321	Lighting	Contractor	02/01/2009	
RealWinWin, Inc. 1926 Arch Street, 4F Philadelphia, PA - 19103 Phone: 215-732-4480 x 349 Website: www.realwinwin.com	Appliances Building envelope Controls Food Service HVAC - evaporative HVAC - unitary Lighting Motors and VFDs Office Equipment	Other: Energy Efficiency Incentive Administration and Consultation	10/14/2013	6
Eco Safe Lighting 4600 NW Camas Meadows Drive, Suite 210 Camas, WA - 98607 Phone: 360-567-1923 Website: http://www.est-lights.com/about-us/	Lighting	Distributor	02/11/2013	
TreeFrog LED, Inc. 7594 North Swansea Court Eagle Mountain, UT - 84005 Phone: 801-372-8720 Website: www.treefrogled.com	Lighting	Distributor	07/29/2013	
Aspen Engineering and Environmental LLC 140 Aspen Circle Park City, UT - 84098 Phone: 435-565-1535 Website: www.a2e-llc.com	Building envelope Controls HVAC - evaporative HVAC - unitary Lighting Motors and VFDs	Engineering Firm	03/18/2013	
Total Energy Electrical/Full Spectrum Services 121 E. 38th, #106 Boise, ID - 83714 Phone: 208-622-9977 Website: www.fullspecservices.com	Lighting	Contractor	10/11/2012	null

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ROCKY MOUNTAIN POWER

Larsen Electric, LLC

P.O. Box 2871
Pocatello, ID - 83206
Phone: 208-237-2058

Specialties	Business Type	Join Date	Projects Completed
Lighting	Contractor	09/22/2012	1

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Appendix 8

Energy Efficiency Measures for Idaho

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
Measure Category : Appliances					
Clothes Washers:Clothes Washer - Electric DHW & Electric	**Residential**				
Clothes Washer - 3.2 MEF or Higher - Electric DHW & Electric Dryer - ID	Energy efficient clothes washer	04/14/2014	RTF Deemed	143	Measure
Clothes Washers:Clothes Washer - Electric DHW & Gas Dryer	**Residential**				
Clothes Washer - 3.2 MEF or Higher - Electric DHW & Gas Dryer - ID	Energy efficient clothes washer	04/14/2014	RTF Deemed	54	Measure
Clothes Washers:Clothes Washer - Gas DHW & Electric Dryer	**Residential**				
Clothes Washer - 3.2 MEF or Higher - Gas DHW & Electric Dryer - ID	Energy efficient clothes washer	04/14/2014	RTF Deemed	106	Measure
Clothes Washers:Clothes Washer - Gas DHW & Gas Dryer	**Residential**				
Clothes Washer - 3.2 MEF or Higher - Gas DHW & Gas Dryer - ID	Energy efficient clothes washer	04/14/2014	RTF Deemed	16	Measure
Freezers:Freezer	**Residential**				
Freezer - 20%+ better than Federal Standard - Any Style - ID	Energy efficient freezer	08/20/2012	RTF Deemed	94.4	Measure
Refrigerators:Refrigerator CEE Tier 3	**Residential**				
Refrigerator - CEE Tier 3 - Any Style - ID	Energy efficient refrigerator	08/20/2012	RTF Deemed	85.8	Measure
Measure Category : Building Shell					
Insulation:Attic Insulation	**Residential**				
Insulation - Attic - Electric FAF Heating System - ID	Install attic insulation - Contractor	04/14/2014	RTF Deemed	1.35	Sq. ft.
Insulation - Attic - Electric Heat Pump Heating System - ID	Install attic insulation - Contractor	04/14/2014	RTF Deemed	1	Sq. ft.
Insulation - Attic - Electric Zonal Heating System - ID	Install attic insulation - Contractor	04/14/2014	RTF Deemed	1.19	Sq. ft.
Insulation - Attic - Gas Heat with CAC - ID	Install attic insulation - Contractor	04/14/2014	RTF Deemed	0.01	Sq. ft.
Insulation - Attic - Self Install - Electric FAF Heating System - ID	Install attic insulation - Self-install	04/14/2014	RTF Deemed	1.35	Sq. ft.
Insulation - Attic - Self Install - Electric Heat Pump Heating System - ID	Install attic insulation - Self-install	04/14/2014	RTF Deemed	1	Sq. ft.
Insulation - Attic - Self Install - Electric Zonal Heating System - ID	Install attic insulation - Self-install	04/14/2014	RTF Deemed	1.19	Sq. ft.
Insulation - Attic - Self Install - Gas Heat with CAC - ID	Install attic insulation - Self-install	04/14/2014	RTF Deemed	0.01	Sq. ft.
Insulation:Floor Insulation	**Residential**				
Insulation - Floor - Electric FAF Heating System - ID	Install floor insulation - Contractor	04/14/2014	RTF Deemed	2.42	Sq. ft.
Insulation - Floor - Electric Heat Pump Heating System - ID	Install floor insulation - Contractor	04/14/2014	RTF Deemed	1.32	Sq. ft.
Insulation - Floor - Electric Zonal Heating System - ID	Install floor insulation - Contractor	04/14/2014	RTF Deemed	2.31	Sq. ft.

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
Insulation - Floor - Self Install - Electric FAF Heating System - ID	Install floor insulation - Self-install	04/14/2014	RTF Deemed	2.42	Sq. ft.
Insulation - Floor - Self Install - Electric Heat Pump Heating System - ID	Install floor insulation - Self-install	04/14/2014	RTF Deemed	1.32	Sq. ft.
Insulation - Floor - Self Install - Electric Zonal Heating System - ID	Install floor insulation - Self-install	04/14/2014	RTF Deemed	2.31	Sq. ft.
Insulation:Wall Insulation	**Residential**				
Insulation - Wall - Electric FAF Heating System - ID	Install wall insulation - Contractor	04/14/2014	RTF Deemed	2.93	Sq. ft.
Insulation - Wall - Electric Heat Pump Heating System - ID	Install wall insulation - Contractor	04/14/2014	RTF Deemed	2.12	Sq. ft.
Insulation - Wall - Electric Zonal Heating System - ID	Install wall insulation - Contractor	04/14/2014	RTF Deemed	2.55	Sq. ft.
Insulation - Wall - Gas Heat with CAC - ID	Install wall insulation - Contractor	04/14/2014	RTF Deemed	0.01	Sq. ft.
Windows:Windows Tier 1	**Residential**				
Window Tier 1 - U-0.30 - Electric FAF Heating System - ID	Install low U-factor window - Tier 1	08/20/2012	RMP Deemed	2.5	Sq. ft.
Window Tier 1 - U-0.30 - Electric Heat Pump Heating System - ID	Install low U-factor window - Tier 1	08/20/2012	RMP Deemed	1.81	Sq. ft.
Window Tier 1 - U-0.30 - Electric Zonal Heating System - ID	Install low U-factor window - Tier 1	08/20/2012	RMP Deemed	2.18	Sq. ft.
Windows:Windows Tier 2	**Residential**				
Window Tier 2 - U-0.22 - Electric FAF Heating System - ID	Install low U-factor window - Tier 2	08/20/2012	RMP Deemed	6.2	Sq. ft.
Window Tier 2 - U-0.22 - Electric Heat Pump Heating System - ID	Install low U-factor window - Tier 2	08/20/2012	RMP Deemed	4.54	Sq. ft.
Window Tier 2 - U-0.22 - Electric Zonal Heating System - ID	Install low U-factor window - Tier 2	08/20/2012	RMP Deemed	5.39	Sq. ft.
Measure Category : Electronics					
Advanced Power Strips:Advanced Power Strips - IR Sensing	**Residential**				
Advanced Power Strip - IR Sensing - Direct Install - ID	Advanced Power Strip	04/14/2014	RTF Deemed	300	Measure
Advanced Power Strip - IR Sensing - Owner Install - ID	Advanced Power Strip	04/14/2014	RTF Deemed	300	Measure
Advanced Power Strips:Advanced Power Strips - Load Sensing	**Residential**				
Advanced Power Strip - Load Sensing - Direct Install - ID	Advanced Power Strip	04/14/2014	RTF Deemed	40	Measure
Advanced Power Strip - Load Sensing - Owner Install - ID	Advanced Power Strip	04/14/2014	RTF Deemed	30	Measure
Advanced Power Strips:Advanced Power Strips - Occupancy	**Residential**				
Advanced Power Strip - Occupancy Sensing - Direct Install - ID	Advanced Power Strip	04/14/2014	RTF Deemed	70	Measure
Advanced Power Strip - Occupancy Sensing - Owner Install - ID	Advanced Power Strip	04/14/2014	RTF Deemed	70	Measure
Measure Category : Energy Kits					
Lighting:CFL Kit	**Residential**				

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
Energy Savings Kit - CFL - ID	Energy savings kit - 4-13 W CFLs	04/14/2014	RMP Deemed	63.68	Measure
Lighting:LED Kit	**Residential**				
Energy Savings Kit - LED - ID	Energy savings kit - 4-13 W LEDs	04/14/2014	RMP Deemed	92.12	Measure
Lighting and Plumbing:Basic Kit	**Residential**				
Energy Savings Kit - Basic - 1 Bathroom - ID	Energy savings kit - 4-13W CFLs, 1.5 GPM kitchen aerator, 0.5 GPM bathroom aerator, 1.5 GPM showerhead	04/14/2014	RMP Deemed	412.04	Measure
Energy Savings Kit - Basic - 2 Bathrooms - ID	Energy savings kit - 4-13W CFLs, 1.5 GPM kitchen aerator, 2-0.5 GPM bathroom aerators, 2-1.5 GPM showerheads	04/14/2014	RMP Deemed	734.63	Measure
Lighting and Plumbing:Best Kit	**Residential**				
Energy Savings Kit - Best - 1 Bathroom - ID	Energy savings kit - 4-10W LEDs, 1.5 GPM kitchen aerator, 0.5 GPM bathroom aerator, 1.5 GPM handheld showerhead	04/14/2014	RMP Deemed	440.48	Measure
Energy Savings Kit - Best - 2 Bathrooms - ID	Energy savings kit - 4-10W LEDs, 1.5 GPM kitchen aerator, 2-0.5 GPM bathroom aerators, 2-1.5 GPM handheld showerheads	04/14/2014	RMP Deemed	763.07	Measure
Lighting and Plumbing:Better Kit	**Residential**				
Energy Savings Kit - Better - 1 Bathroom - ID	Energy savings kit - 4-13W CFLs, 1.5 GPM kitchen aerator, 0.5 GPM bathroom aerator, 1.5 GPM handheld showerhead	04/14/2014	RMP Deemed	412.04	Measure
Energy Savings Kit - Better - 2 Bathrooms - ID	Energy savings kit - 4-13W CFLs, 1.5 GPM kitchen aerator, 2-0.5 GPM bathroom aerators, 2-1.5 GPM handheld showerheads	04/14/2014	RMP Deemed	734.63	Measure
Measure Category : HVAC					
Cooling:Central Air Conditioner	**Residential**				
Central Air Conditioner - ID	Energy efficient central air conditioning	04/14/2014	RMP Deemed	89.25	Measure
Cooling:Evaporative Cooler	**Residential**				
Evaporative Cooler - 2,000 - 3,499 CFM - ID	Portable evaporative cooling system	04/14/2014	RMP Deemed	210	Measure
Evaporative Cooler - Min 3,500 CFM - ID	Permamently installed evaporative cooling system	04/14/2014	RMP Deemed	368	Measure
Cooling:Residential Room Air Conditioner	**Residential**				
Room Air Conditioner - ENERGY STAR - ID	Energy efficient room air conditioner	04/14/2014	RMP Deemed	39	Measure
Ducting:Duct Sealing and/or Insulation	**Residential**				
Duct Sealing & Insulation - Electric FAF with CAC - ID	Seal and insulate existing duct work	08/20/2012	RTF Deemed	3,351	Measure
Duct Sealing & Insulation - Electric FAF without CAC - ID	Seal and insulate existing duct work	08/20/2012	RTF Deemed	3,251	Measure
Duct Sealing & Insulation - Electric Heat Pump Heating System - ID	Seal and insulate existing duct work	08/20/2012	RTF Deemed	4,269	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
Duct Sealing & Insulation - Gas FAF with CAC - ID	Seal and insulate existing duct work	08/20/2012	RTF Deemed	100	Measure
Duct Sealing Only - Pre-Insulated Ducts - Electric FAF with CAC - ID	Seal existing duct work - Pre-insulated ducts	08/20/2012	RTF Deemed	2,177	Measure
Duct Sealing Only - Pre-Insulated Ducts - Electric FAF without CAC - ID	Seal existing duct work - Pre-insulated ducts	08/20/2012	RTF Deemed	2,138	Measure
Duct Sealing Only - Pre-Insulated Ducts - Electric Heat Pump Heating system - ID	Seal existing duct work - Pre-insulated ducts	08/20/2012	RTF Deemed	2,059	Measure
Ducting:Duct Sealing and/or Insulation	**Residential Manufactured Home**				
Manufactured Home - Duct Sealing - Direct Install - Test Only - ID	Test existing duct work	04/14/2014	null	0	Measure
Manufactured Home - Duct Sealing - Direct Install - Test, Crossover Replacement, Seal and Insulate - ID	Test, Seal and insulate existing duct work. Crossover replacement	04/14/2014	RTF Deemed	3,267	Measure
Manufactured Home - Duct Sealing - Direct Install - Test, Seal and Insulate - ID	Test, Seal and insulate existing duct work	04/14/2014	RTF Deemed	3,267	Measure
Heat Pump:Heat Pump - Air Source	**Residential**				
Heat Pump Conversion - Tier 1 - Electric FAF with CAC - ID	Convert electric forced air furnace to air source heat pump	04/14/2014	RTF Deemed	5,182	Measure
Heat Pump Conversion - Tier 1 - Electric FAF without CAC - ID	Convert electric forced air furnace to air source heat pump	04/14/2014	RTF Deemed	4,672	Measure
Heat Pump Conversion - Tier 2 - Electric FAF with CAC - ID	Convert electric forced air furnace to air source heat pump	04/14/2014	RTF Deemed	5,676	Measure
Heat Pump Conversion - Tier 2 - Electric FAF without CAC - ID	Convert electric forced air furnace to air source heat pump	04/14/2014	RTF Deemed	5,166	Measure
Heat Pump Upgrade - Tier 1 - with Best practice install & sizing - ID	Combine heat pump upgrade with best practices sizing and installation	08/20/2012	RMP Deemed	2,998	Measure
Heat Pump Upgrade - Tier 2 - with Best practice install & sizing - ID	Combine heat pump upgrade with best practices sizing and installation	08/20/2012	RMP Deemed	3,188	Installation
Heat Pump:Heat Pump - Ductless	**Residential**				
Ductless Heat Pump - ID	Install ductless heat pump	08/20/2012	RTF Deemed	3,500	Measure
Heat Pump:Heat Pump - Ground Source	**Residential**				
GSHP Conversion from FAF without CAC - ID	Convert electric forced air furnace to ground source heat pump	04/14/2014	RTF Deemed	12,525	Measure
GSHP Upgrade from ASHP - ID	Replace air source heat pump with ground source heat pump	04/14/2014	RTF Deemed	4,702	Measure
Heat Pump:Heat Pump - Quality Installation	**Residential**				
Heat Pump Best Practices Installation and Proper Sizing - ID	Install new heat pump with best practices installation and proper sizing	04/14/2014	RTF Deemed	2,694	Measure
Heat Pump:Heat Pump - Tune-Up	**Residential**				
Heat Pump Tune-Up - ID	Tune-up existing heat pump equipment	08/20/2012	RTF Deemed	639	Measure
Ventilation:Furnace Fan	**Residential**				

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
95% Gas Furnace with ECM Blower - ID	Install 95%+ AFUE gas furnace with ECM blower	08/20/2012	RMP Deemed	528	Measure
Measure Category : Lighting					
General Service Fixtures:CFL	**Residential**				
CFL Fixture - ENERGY STAR - ID	ENERGY STAR general service CFL fixture	04/14/2014	RMP Deemed	43.66	Measure
General Service Fixtures:LED	**Residential**				
LED Fixture - ENERGY STAR - ID	ENERGY STAR general service LED fixture	04/14/2014	RMP Deemed	40.94	Measure
General Service Lamps:CFL	**Residential**				
CFL General Purpose - A-Lamp: 11 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	12.82	Measure
CFL General Purpose - A-Lamp: 11 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	9.55	Measure
CFL General Purpose - A-Lamp: 11 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	9.55	Measure
CFL General Purpose - A-Lamp: 13 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	21.37	Measure
CFL General Purpose - A-Lamp: 13 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	15.92	Measure
CFL General Purpose - A-Lamp: 13 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	15.92	Measure
CFL General Purpose - A-Lamp: 14 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	20.66	Measure
CFL General Purpose - A-Lamp: 14 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	15.39	Measure
CFL General Purpose - A-Lamp: 14 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	15.39	Measure
CFL General Purpose - A-Lamp: 15 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	19.94	Measure
CFL General Purpose - A-Lamp: 15 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	14.86	Measure
CFL General Purpose - A-Lamp: 15 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	14.86	Measure
CFL General Purpose - A-Lamp: 19 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	17.1	Measure
CFL General Purpose - A-Lamp: 19 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	12.73	Measure
CFL General Purpose - A-Lamp: 19 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	12.73	Measure
CFL General Purpose - A-Lamp: 20 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	23.51	Measure
CFL General Purpose - A-Lamp: 20 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General	04/14/2014	RMP Deemed	17.51	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
	Purpose				
CFL General Purpose - A-Lamp: 20 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	17.51	Measure
CFL General Purpose - A-Lamp: 9 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	14.25	Measure
CFL General Purpose - A-Lamp: 9 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	10.61	Measure
CFL General Purpose - A-Lamp: 9 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	10.61	Measure
CFL General Purpose - Spiral: 10 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	13.53	Measure
CFL General Purpose - Spiral: 10 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	10.08	Measure
CFL General Purpose - Spiral: 10 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	10.08	Measure
CFL General Purpose - Spiral: 11 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	12.82	Measure
CFL General Purpose - Spiral: 11 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	9.55	Measure
CFL General Purpose - Spiral: 11 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	9.55	Measure
CFL General Purpose - Spiral: 12 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	12.11	Measure
CFL General Purpose - Spiral: 12 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	9.02	Measure
CFL General Purpose - Spiral: 12 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	9.02	Measure
CFL General Purpose - Spiral: 13 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	21.37	Measure
CFL General Purpose - Spiral: 13 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	15.92	Measure
CFL General Purpose - Spiral: 13 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	15.92	Measure
CFL General Purpose - Spiral: 14 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	20.66	Measure
CFL General Purpose - Spiral: 14 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	15.39	Measure
CFL General Purpose - Spiral: 14 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	15.39	Measure
CFL General Purpose - Spiral: 15 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	27.07	Measure
CFL General Purpose - Spiral: 15 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	20.16	Measure
CFL General Purpose - Spiral: 15 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General	04/14/2014	RMP Deemed	20.16	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
	Purpose				
CFL General Purpose - Spiral: 18 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	24.93	Measure
CFL General Purpose - Spiral: 18 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	18.57	Measure
CFL General Purpose - Spiral: 18 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	18.57	Measure
CFL General Purpose - Spiral: 19 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	24.22	Measure
CFL General Purpose - Spiral: 19 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	18.04	Measure
CFL General Purpose - Spiral: 19 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	18.04	Measure
CFL General Purpose - Spiral: 20 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	23.51	Measure
CFL General Purpose - Spiral: 20 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	17.51	Measure
CFL General Purpose - Spiral: 20 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	17.51	Measure
CFL General Purpose - Spiral: 21 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	27.06	Measure
CFL General Purpose - Spiral: 22 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	26.53	Measure
CFL General Purpose - Spiral: 23 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	34.9	Measure
CFL General Purpose - Spiral: 23 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	26	Measure
CFL General Purpose - Spiral: 23 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	26	Measure
CFL General Purpose - Spiral: 24 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	25.47	Measure
CFL General Purpose - Spiral: 26 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	32.77	Measure
CFL General Purpose - Spiral: 26 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	24.41	Measure
CFL General Purpose - Spiral: 26 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	24.41	Measure
CFL General Purpose - Spiral: 27 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	32.05	Measure
CFL General Purpose - Spiral: 27 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	23.88	Measure
CFL General Purpose - Spiral: 27 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	23.88	Measure
CFL General Purpose - Spiral: 28 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General	04/14/2014	RMP Deemed	31.34	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
	Purpose				
CFL General Purpose - Spiral: 28 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	23.35	Measure
CFL General Purpose - Spiral: 28 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	23.35	Measure
CFL General Purpose - Spiral: 29 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	30.63	Measure
CFL General Purpose - Spiral: 29 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	22.82	Measure
CFL General Purpose - Spiral: 29 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	22.82	Measure
CFL General Purpose - Spiral: 3 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	8.55	Measure
CFL General Purpose - Spiral: 3 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	6.37	Measure
CFL General Purpose - Spiral: 3 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	6.37	Measure
CFL General Purpose - Spiral: 30 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	29.92	Measure
CFL General Purpose - Spiral: 30 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	22.28	Measure
CFL General Purpose - Spiral: 30 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	22.28	Measure
CFL General Purpose - Spiral: 31 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	29.2	Measure
CFL General Purpose - Spiral: 31 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	21.75	Measure
CFL General Purpose - Spiral: 31 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	21.75	Measure
CFL General Purpose - Spiral: 32 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	28.49	Measure
CFL General Purpose - Spiral: 32 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	21.22	Measure
CFL General Purpose - Spiral: 32 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	21.22	Measure
CFL General Purpose - Spiral: 4 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	14.96	Measure
CFL General Purpose - Spiral: 4 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	11.14	Measure
CFL General Purpose - Spiral: 4 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	11.14	Measure
CFL General Purpose - Spiral: 5 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	17.81	Measure
CFL General Purpose - Spiral: 5 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General	04/14/2014	RMP Deemed	13.26	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
	Purpose				
CFL General Purpose - Spiral: 5 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	13.26	Measure
CFL General Purpose - Spiral: 6 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	16.38	Measure
CFL General Purpose - Spiral: 6 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	12.2	Measure
CFL General Purpose - Spiral: 6 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	12.2	Measure
CFL General Purpose - Spiral: 7 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	15.67	Measure
CFL General Purpose - Spiral: 7 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	11.67	Measure
CFL General Purpose - Spiral: 7 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	11.67	Measure
CFL General Purpose - Spiral: 8 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	14.96	Measure
CFL General Purpose - Spiral: 8 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	11.14	Measure
CFL General Purpose - Spiral: 8 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	11.14	Measure
CFL General Purpose - Spiral: 9 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	14.25	Measure
CFL General Purpose - Spiral: 9 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	10.61	Measure
CFL General Purpose - Spiral: 9 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-General Purpose	04/14/2014	RMP Deemed	10.61	Measure
General Service Lamps:LED	**Residential**				
LED General Purpose: 10 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	23.03	Measure
LED General Purpose: 10 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	23.03	Measure
LED General Purpose: 10 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	23.99	Measure
LED General Purpose: 11 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	22.33	Measure
LED General Purpose: 11 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	22.33	Measure
LED General Purpose: 11 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	23.26	Measure
LED General Purpose: 12 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	21.63	Measure
LED General Purpose: 12 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	21.63	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
LED General Purpose: 12 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	22.53	Measure
LED General Purpose: 13 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	20.93	Measure
LED General Purpose: 13 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	20.93	Measure
LED General Purpose: 13 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	21.81	Measure
LED General Purpose: 14 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	20.24	Measure
LED General Purpose: 14 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	20.24	Measure
LED General Purpose: 14 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	21.08	Measure
LED General Purpose: 15 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	19.54	Measure
LED General Purpose: 15 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	19.54	Measure
LED General Purpose: 15 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	20.35	Measure
LED General Purpose: 16 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	25.82	Measure
LED General Purpose: 16 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	25.82	Measure
LED General Purpose: 16 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	26.89	Measure
LED General Purpose: 17 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	39.98	Measure
LED General Purpose: 2 watts - Semi-omnidirectional - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	16.05	Measure
LED General Purpose: 2 watts - Semi-omnidirectional - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	16.05	Measure
LED General Purpose: 2 watts - Semi-omnidirectional - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	16.72	Measure
LED General Purpose: 23 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	34.19	Measure
LED General Purpose: 23 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	34.19	Measure
LED General Purpose: 23 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	35.62	Measure
LED General Purpose: 6 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	16.72	Measure
LED General Purpose: 7 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	15.35	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
LED General Purpose: 7 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	15.35	Measure
LED General Purpose: 7 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	15.99	Measure
LED General Purpose: 8 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	14.65	Measure
LED General Purpose: 8 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	14.65	Measure
LED General Purpose: 8 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	15.26	Measure
LED General Purpose: 8 watts - Semi-omnidirectional - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	14.65	Measure
LED General Purpose: 8 watts - Semi-omnidirectional - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	14.65	Measure
LED General Purpose: 8 watts - Semi-omnidirectional - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	15.26	Measure
LED General Purpose: 9 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	13.96	Measure
LED General Purpose: 9 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	13.96	Measure
LED General Purpose: 9 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	14.54	Measure
LED General Purpose: 9 watts - Semi-omnidirectional - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	13.96	Measure
LED General Purpose: 9 watts - Semi-omnidirectional - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	13.96	Measure
LED General Purpose: 9 watts - Semi-omnidirectional - Retail - ID	Energy efficient Light Emitting Diode Lamps-General Purpose	04/14/2014	RMP Deemed	14.54	Measure
Specialty Lamps:CFL	**Residential**				
CFL Specialty - 3-Way: 10,20,28 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	56.98	Measure
CFL Specialty - 3-Way: 10,20,28 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	42.45	Measure
CFL Specialty - 3-Way: 10,20,28 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	42.45	Measure
CFL Specialty - 3-Way: 12,19,28 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	57.7	Measure
CFL Specialty - 3-Way: 12,19,28 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	42.98	Measure
CFL Specialty - 3-Way: 12,19,28 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	42.98	Measure
CFL Specialty - 3-Way: 12,20,26 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	56.98	Measure
CFL Specialty - 3-Way: 12,20,26 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	42.45	Measure
CFL Specialty - 3-Way: 12,20,26 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	42.45	Measure
CFL Specialty - 3-Way: 12,20,29 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	56.98	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
CFL Specialty - 3-Way: 12,20,29 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	42.45	Measure
CFL Specialty - 3-Way: 12,20,29 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	42.45	Measure
CFL Specialty - 3-Way: 12,21,32 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	56.27	Measure
CFL Specialty - 3-Way: 12,21,32 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	41.92	Measure
CFL Specialty - 3-Way: 12,21,32 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	41.92	Measure
CFL Specialty - 3-Way: 12,22,33 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	55.56	Measure
CFL Specialty - 3-Way: 12,22,33 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	41.39	Measure
CFL Specialty - 3-Way: 12,22,33 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	41.39	Measure
CFL Specialty - 3-Way: 12,23,29 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	54.85	Measure
CFL Specialty - 3-Way: 12,23,29 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	40.86	Measure
CFL Specialty - 3-Way: 12,23,29 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	40.86	Measure
CFL Specialty - 3-Way: 13,20,25 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	56.98	Measure
CFL Specialty - 3-Way: 13,20,25 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	42.45	Measure
CFL Specialty - 3-Way: 13,20,25 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	42.45	Measure
CFL Specialty - 3-Way: 14,19,32 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	57.7	Measure
CFL Specialty - 3-Way: 14,19,32 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	42.98	Measure
CFL Specialty - 3-Way: 14,19,32 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	42.98	Measure
CFL Specialty - 3-Way: 15,26,40 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	52.71	Measure
CFL Specialty - 3-Way: 15,26,40 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	39.26	Measure
CFL Specialty - 3-Way: 15,26,40 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	39.26	Measure
CFL Specialty - 3-Way: 16,25,32 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	53.42	Measure
CFL Specialty - 3-Way: 16,25,32 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	39.79	Measure
CFL Specialty - 3-Way: 16,25,32 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	39.79	Measure
CFL Specialty - Candelabra: 13 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	21.37	Measure
CFL Specialty - Candelabra: 13 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	15.92	Measure
CFL Specialty - Candelabra: 13 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	15.92	Measure
CFL Specialty - Candelabra: 14 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	20.66	Measure
CFL Specialty - Candelabra: 14 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	15.39	Measure
CFL Specialty - Candelabra: 14 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	15.39	Measure
CFL Specialty - Candelabra: 3 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	26.36	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
CFL Specialty - Candelabra: 3 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	19.63	Measure
CFL Specialty - Candelabra: 3 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	19.63	Measure
CFL Specialty - Candelabra: 5 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	14.25	Measure
CFL Specialty - Candelabra: 5 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	10.61	Measure
CFL Specialty - Candelabra: 5 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	10.61	Measure
CFL Specialty - Candelabra: 7 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	23.51	Measure
CFL Specialty - Candelabra: 7 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	17.51	Measure
CFL Specialty - Candelabra: 7 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	17.51	Measure
CFL Specialty - Candelabra: 9 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	22.08	Measure
CFL Specialty - Candelabra: 9 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	16.45	Measure
CFL Specialty - Candelabra: 9 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	16.45	Measure
CFL Specialty - Daylight: 10 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	21.37	Measure
CFL Specialty - Daylight: 10 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	15.92	Measure
CFL Specialty - Daylight: 10 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	15.92	Measure
CFL Specialty - Daylight: 13 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	21.37	Measure
CFL Specialty - Daylight: 13 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	15.92	Measure
CFL Specialty - Daylight: 13 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	15.92	Measure
CFL Specialty - Daylight: 14 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	20.66	Measure
CFL Specialty - Daylight: 14 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	15.39	Measure
CFL Specialty - Daylight: 14 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	15.39	Measure
CFL Specialty - Daylight: 15 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	19.94	Measure
CFL Specialty - Daylight: 15 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	14.86	Measure
CFL Specialty - Daylight: 15 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	14.86	Measure
CFL Specialty - Daylight: 18 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	24.93	Measure
CFL Specialty - Daylight: 18 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	18.57	Measure
CFL Specialty - Daylight: 18 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	18.57	Measure
CFL Specialty - Daylight: 19 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	24.22	Measure
CFL Specialty - Daylight: 19 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	18.04	Measure
CFL Specialty - Daylight: 19 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	18.04	Measure
CFL Specialty - Daylight: 20 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	23.51	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
CFL Specialty - Daylight: 20 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	17.51	Measure
CFL Specialty - Daylight: 20 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	17.51	Measure
CFL Specialty - Daylight: 23 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	34.9	Measure
CFL Specialty - Daylight: 23 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	26	Measure
CFL Specialty - Daylight: 23 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	26	Measure
CFL Specialty - Daylight: 24 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	25.47	Measure
CFL Specialty - Daylight: 26 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	32.77	Measure
CFL Specialty - Daylight: 26 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	24.41	Measure
CFL Specialty - Daylight: 26 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	24.41	Measure
CFL Specialty - Daylight: 27 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	32.05	Measure
CFL Specialty - Daylight: 27 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	23.88	Measure
CFL Specialty - Daylight: 27 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	23.88	Measure
CFL Specialty - Daylight: 9 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	22.08	Measure
CFL Specialty - Daylight: 9 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	16.45	Measure
CFL Specialty - Daylight: 9 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	16.45	Measure
CFL Specialty - Dimmable: 11 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	20.66	Measure
CFL Specialty - Dimmable: 11 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	15.39	Measure
CFL Specialty - Dimmable: 11 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	15.39	Measure
CFL Specialty - Dimmable: 14 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	32.77	Measure
CFL Specialty - Dimmable: 14 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	24.41	Measure
CFL Specialty - Dimmable: 14 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	24.41	Measure
CFL Specialty - Dimmable: 15 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	32.05	Measure
CFL Specialty - Dimmable: 15 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	23.88	Measure
CFL Specialty - Dimmable: 15 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	23.88	Measure
CFL Specialty - Dimmable: 16 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	17.1	Measure
CFL Specialty - Dimmable: 16 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	12.73	Measure
CFL Specialty - Dimmable: 16 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	12.73	Measure
CFL Specialty - Dimmable: 20 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	28.49	Measure
CFL Specialty - Dimmable: 20 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	21.22	Measure
CFL Specialty - Dimmable: 20 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	21.22	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
CFL Specialty - Dimmable: 23 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	54.85	Measure
CFL Specialty - Dimmable: 23 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	40.86	Measure
CFL Specialty - Dimmable: 23 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	40.86	Measure
CFL Specialty - Dimmable: 24 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	54.13	Measure
CFL Specialty - Dimmable: 24 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	40.33	Measure
CFL Specialty - Dimmable: 24 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	40.33	Measure
CFL Specialty - Dimmable: 25 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	39.79	Measure
CFL Specialty - Dimmable: 26 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	52.71	Measure
CFL Specialty - Dimmable: 26 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	39.26	Measure
CFL Specialty - Dimmable: 26 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	39.26	Measure
CFL Specialty - Dimmable: 27 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	52	Measure
CFL Specialty - Dimmable: 27 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	38.73	Measure
CFL Specialty - Dimmable: 27 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	38.73	Measure
CFL Specialty - Globe: 11 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	20.66	Measure
CFL Specialty - Globe: 11 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	15.39	Measure
CFL Specialty - Globe: 11 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	15.39	Measure
CFL Specialty - Globe: 12 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	19.94	Measure
CFL Specialty - Globe: 12 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	14.86	Measure
CFL Specialty - Globe: 12 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	14.86	Measure
CFL Specialty - Globe: 14 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	20.66	Measure
CFL Specialty - Globe: 14 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	15.39	Measure
CFL Specialty - Globe: 14 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	15.39	Measure
CFL Specialty - Globe: 15 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	19.94	Measure
CFL Specialty - Globe: 15 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	14.86	Measure
CFL Specialty - Globe: 15 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	14.86	Measure
CFL Specialty - Globe: 25 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	19.94	Measure
CFL Specialty - Globe: 25 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	14.86	Measure
CFL Specialty - Globe: 25 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	14.86	Measure
CFL Specialty - Globe: 9 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	22.08	Measure
CFL Specialty - Globe: 9 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	16.45	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
CFL Specialty - Globe: 9 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	16.45	Measure
CFL Specialty - Outdoor: 11 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	20.66	Measure
CFL Specialty - Outdoor: 11 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	15.39	Measure
CFL Specialty - Outdoor: 11 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	15.39	Measure
CFL Specialty - Outdoor: 13 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	19.23	Measure
CFL Specialty - Outdoor: 13 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	14.33	Measure
CFL Specialty - Outdoor: 13 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	14.33	Measure
CFL Specialty - Outdoor: 14 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	32.77	Measure
CFL Specialty - Outdoor: 14 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	24.41	Measure
CFL Specialty - Outdoor: 14 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	24.41	Measure
CFL Specialty - Outdoor: 15 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	32.05	Measure
CFL Specialty - Outdoor: 15 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	23.88	Measure
CFL Specialty - Outdoor: 15 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	23.88	Measure
CFL Specialty - Outdoor: 23 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	12.11	Measure
CFL Specialty - Outdoor: 23 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	9.02	Measure
CFL Specialty - Outdoor: 23 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	9.02	Measure
CFL Specialty - Outdoor: 26 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	34.9	Measure
CFL Specialty - Outdoor: 26 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	26	Measure
CFL Specialty - Outdoor: 26 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	26	Measure
CFL Specialty - Outdoor: 9 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	22.08	Measure
CFL Specialty - Outdoor: 9 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	16.45	Measure
CFL Specialty - Outdoor: 9 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	16.45	Measure
CFL Specialty - Reflector: 11 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	13.53	Measure
CFL Specialty - Reflector: 11 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	10.08	Measure
CFL Specialty - Reflector: 11 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	10.08	Measure
CFL Specialty - Reflector: 14 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	36.33	Measure
CFL Specialty - Reflector: 14 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	27.06	Measure
CFL Specialty - Reflector: 14 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	27.06	Measure
CFL Specialty - Reflector: 15 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	35.62	Measure
CFL Specialty - Reflector: 15 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	26.53	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
CFL Specialty - Reflector: 15 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	26.53	Measure
CFL Specialty - Reflector: 16 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	34.9	Measure
CFL Specialty - Reflector: 16 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	26	Measure
CFL Specialty - Reflector: 16 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	26	Measure
CFL Specialty - Reflector: 18 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	40.6	Measure
CFL Specialty - Reflector: 18 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	30.24	Measure
CFL Specialty - Reflector: 18 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	30.24	Measure
CFL Specialty - Reflector: 19 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	39.89	Measure
CFL Specialty - Reflector: 19 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	29.71	Measure
CFL Specialty - Reflector: 19 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	29.71	Measure
CFL Specialty - Reflector: 20 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	39.18	Measure
CFL Specialty - Reflector: 20 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	29.18	Measure
CFL Specialty - Reflector: 20 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	29.18	Measure
CFL Specialty - Reflector: 23 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	47.72	Measure
CFL Specialty - Reflector: 23 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	35.55	Measure
CFL Specialty - Reflector: 23 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	35.55	Measure
CFL Specialty - Reflector: 26 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	45.59	Measure
CFL Specialty - Reflector: 26 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	33.96	Measure
CFL Specialty - Reflector: 26 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	33.96	Measure
CFL Specialty - Reflector: 9 watts - Direct Install - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	14.96	Measure
CFL Specialty - Reflector: 9 watts - Mail By Request - ID	Energy efficient Compact Fluorescent Lamps-Specialty	04/14/2014	RMP Deemed	11.14	Measure
CFL Specialty - Reflector: 9 watts - Retail - ID	Energy efficient Compact Fluorescent Lamps-Specialty	01/01/2014	RMP Deemed	11.14	Measure
Specialty Lamps:LED	**Residential**				
LED Downlight: 10 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	38.38	Measure
LED Downlight: 10 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	38.38	Measure
LED Downlight: 10 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	39.98	Measure
LED Downlight: 11 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	23.72	Measure
LED Downlight: 11 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	23.72	Measure
LED Downlight: 11 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	24.71	Measure
LED Downlight: 12 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	36.98	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
LED Downlight: 12 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	36.98	Measure
LED Downlight: 12 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	38.52	Measure
LED Downlight: 13 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	36.28	Measure
LED Downlight: 13 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	36.28	Measure
LED Downlight: 13 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	37.8	Measure
LED Downlight: 14 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	35.59	Measure
LED Downlight: 14 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	35.59	Measure
LED Downlight: 14 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	37.07	Measure
LED Downlight: 15 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	34.89	Measure
LED Downlight: 15 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	34.89	Measure
LED Downlight: 15 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	36.34	Measure
LED Downlight: 16 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	41.17	Measure
LED Downlight: 16 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	41.17	Measure
LED Downlight: 16 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	42.88	Measure
LED Downlight: 17 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	40.47	Measure
LED Downlight: 17 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	40.47	Measure
LED Downlight: 17 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	42.16	Measure
LED Downlight: 18 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	39.77	Measure
LED Downlight: 18 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	39.77	Measure
LED Downlight: 18 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	41.43	Measure
LED Downlight: 19 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	39.07	Measure
LED Downlight: 19 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	39.07	Measure
LED Downlight: 19 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	40.7	Measure
LED Downlight: 20 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	38.38	Measure
LED Downlight: 20 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	38.38	Measure
LED Downlight: 20 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	39.98	Measure
LED Downlight: 23 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	46.75	Measure
LED Downlight: 23 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	46.75	Measure
LED Downlight: 23 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	48.7	Measure
LED Downlight: 5 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	48.84	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
LED Downlight: 5 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	48.84	Measure
LED Downlight: 5 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	50.88	Measure
LED Downlight: 6 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	27.21	Measure
LED Downlight: 6 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	27.21	Measure
LED Downlight: 6 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	28.35	Measure
LED Downlight: 7 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	16.05	Measure
LED Downlight: 7 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	16.05	Measure
LED Downlight: 7 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	16.72	Measure
LED Downlight: 8 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	25.82	Measure
LED Downlight: 8 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	25.82	Measure
LED Downlight: 8 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	26.89	Measure
LED Downlight: 9 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	39.07	Measure
LED Downlight: 9 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	39.07	Measure
LED Downlight: 9 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Downlight	04/14/2014	RMP Deemed	40.7	Measure
LED Specialty - Candelabra: 2 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	16.05	Measure
LED Specialty - Candelabra: 2 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	16.05	Measure
LED Specialty - Candelabra: 2 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	16.72	Measure
LED Specialty - Candelabra: 4 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	14.65	Measure
LED Specialty - Candelabra: 4 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	14.65	Measure
LED Specialty - Candelabra: 4 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	15.26	Measure
LED Specialty - Candelabra: 5 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	13.96	Measure
LED Specialty - Candelabra: 5 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	13.96	Measure
LED Specialty - Candelabra: 5 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	14.54	Measure
LED Specialty - Globe: 10 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	21.81	Measure
LED Specialty - Globe: 2 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	16.05	Measure
LED Specialty - Globe: 2 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	16.05	Measure
LED Specialty - Globe: 2 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	16.72	Measure
LED Specialty - Globe: 4 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	14.65	Measure
LED Specialty - Globe: 4 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	14.65	Measure
LED Specialty - Globe: 4 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	15.26	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
LED Specialty - Globe: 5 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	25.44	Measure
LED Specialty - Globe: 6 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	24.71	Measure
LED Specialty - Globe: 8 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	22.33	Measure
LED Specialty - Globe: 8 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	22.33	Measure
LED Specialty - Globe: 8 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	23.26	Measure
LED Specialty - Reflector: 10 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	24.42	Measure
LED Specialty - Reflector: 10 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	24.42	Measure
LED Specialty - Reflector: 10 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	25.44	Measure
LED Specialty - Reflector: 4 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	18.14	Measure
LED Specialty - Reflector: 4 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	18.14	Measure
LED Specialty - Reflector: 4 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	18.9	Measure
LED Specialty - Reflector: 5 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	17.44	Measure
LED Specialty - Reflector: 5 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	17.44	Measure
LED Specialty - Reflector: 5 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	18.17	Measure
LED Specialty - Reflector: 6 watts - Direct Install - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	23.72	Measure
LED Specialty - Reflector: 6 watts - Mail By Request - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	23.72	Measure
LED Specialty - Reflector: 6 watts - Retail - ID	Energy efficient Light Emitting Diode Lamps-Specialty	04/14/2014	RMP Deemed	24.71	Measure
Measure Category : Plumbing					
Low Flow Aerators:Aerator - 0.5 gpm	**Residential**				
Low Flow Aerator - Direct Install - Electric Only - 0.5 gpm - ID	Install Low Flow Aerator	04/14/2014	RMP Deemed	74.12	Measure
Low Flow Aerator - Mail By Request - Any Water Heat Fuel - 0.5 gpm - ID	Install Low Flow Aerator	04/14/2014	RMP Deemed	30.67	Measure
Low Flow Aerator - Mail By Request - Electric Only - 0.5 gpm - ID	Install Low Flow Aerator	04/14/2014	RMP Deemed	62.59	Measure
Low Flow Aerator - Retail - Any Water Heat Fuel - 0.5 gpm - ID	Install Low Flow Aerator	04/14/2014	RMP Deemed	28.25	Measure
Low Flow Aerators:Aerator - 1.5 gpm	**Residential**				
Low Flow Aerator - Direct Install - Electric Only - 1.5 gpm - ID	Install Low Flow Aerator	04/14/2014	RMP Deemed	30.52	Measure
Low Flow Aerator - Mail By Request - Any Water Heat Fuel - 1.5 gpm - ID	Install Low Flow Aerator	04/14/2014	RMP Deemed	12.63	Measure
Low Flow Aerator - Mail By Request - Electric Only - 1.5 gpm - ID	Install Low Flow Aerator	04/14/2014	RMP Deemed	25.77	Measure
Low Flow Aerator - Retail - Any Water Heat Fuel - 1.5 gpm - ID	Install Low Flow Aerator	04/14/2014	RMP Deemed	11.63	Measure
Low Flow Showerheads:Low Flow Showerhead+ThV	**Residential**				

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
Low Flow Showerhead 1.5 gpm + Thermostatic Valve - Direct Install - Electric Only - ID	Install a Low Flow Showerhead with a Thermostatic Valve	04/14/2014	RMP Deemed	343	Measure
Low Flow Showerhead 1.5 gpm + Thermostatic Valve - Mail By Request - Any Water Heat Fuel - ID	Install a Low Flow Showerhead with a Thermostatic Valve	04/14/2014	RMP Deemed	190	Measure
Low Flow Showerhead 1.5 gpm + Thermostatic Valve - Mail By Request - Electric Only - ID	Install a Low Flow Showerhead with a Thermostatic Valve	04/14/2014	RMP Deemed	284	Measure
Low Flow Showerhead 1.5 gpm + Thermostatic Valve - Retail - Any Water Heat Fuel - ID	Install a Low Flow Showerhead with a Thermostatic Valve	04/14/2014	RMP Deemed	172	Measure
Low Flow Showerheads:Showerhead - 1.50 gpm	**Residential**				
Low Flow Showerhead - Direct Install - Electric Only - 1.50 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	307	Measure
Low Flow Showerhead - Mail By Request - Any Water Heat Fuel - 1.50 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	170	Measure
Low Flow Showerhead - Mail By Request - Electric Only - 1.50 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	260	Measure
Low Flow Showerhead - Retail - Any Water Heat Fuel - 1.50 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	157	Measure
Low Flow Showerheads:Showerhead - 1.75 gpm	**Residential**				
Low Flow Showerhead - Direct Install - Electric Only - 1.75 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	222	Measure
Low Flow Showerhead - Mail By Request - Any Water Heat Fuel - 1.75 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	123	Measure
Low Flow Showerhead - Mail By Request - Electric Only - 1.75 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	187	Measure
Low Flow Showerhead - Retail - Any Water Heat Fuel - 1.75 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	121	Measure
Low Flow Showerheads:Showerhead - 2.00 gpm	**Residential**				
Low Flow Showerhead - Direct Install - Electric Only - 2.00 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	139	Measure
Low Flow Showerhead - Mail By Request - Any Water Heat Fuel - 2.00 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	77	Measure
Low Flow Showerhead - Mail By Request - Electric Only - 2.00 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	117	Measure
Low Flow Showerhead - Retail - Any Water Heat Fuel - 2.00 gpm - ID	Install a Low Flow Showerhead	04/14/2014	RTF Deemed	81	Measure
Thermostatic Valves:Thermostatic Valve	**Residential**				
Thermostatic Valve - Direct Install - Electric Only - ID	Install Thermostatic Valve	04/14/2014	RMP Deemed	36.08	Measure
Thermostatic Valve - Mail By Request - Any Water Heat Fuel - ID	Install Thermostatic Valve	04/14/2014	RMP Deemed	20.31	Measure
Thermostatic Valve - Mail By Request - Electric Only - ID	Install Thermostatic Valve	04/14/2014	RMP Deemed	24.17	Measure
Thermostatic Valve - Retail - Any Water Heat Fuel - ID	Install Thermostatic Valve	04/14/2014	RMP Deemed	15.46	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings					
Measure Category : Water Heating					
Water Heater:Heat Pump Water Heater	**Residential**				
HPWH - Tier 1 - 50 to 75 gallons - Any Heat Type - Unheated Buffer Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	881	Measure
HPWH - Tier 1 - 50 to 75 gallons - Electric Furnace Heated Home - Interior Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	556	Measure
HPWH - Tier 1 - 50 to 75 gallons - Gas Heated Home - Interior Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	1,547	Measure
HPWH - Tier 1 - 50 to 75 gallons - Heat Pump Heated Home - Interior Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	1,189	Measure
HPWH - Tier 1 - 50 to 75 gallons - Zonal Electric Heated Home - Interior Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	648	Measure
HPWH - Tier 1 - greater than 75 gallons - Any Heat Type - Unheated Buffer Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	1,811	Measure
HPWH - Tier 1 - greater than 75 gallons - Electric Furnace Heated Home - Interior Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	833	Measure
HPWH - Tier 1 - greater than 75 gallons - Gas Heated Home - Interior Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	2,169	Measure
HPWH - Tier 1 - greater than 75 gallons - Heat Pump Heated Home - Interior Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	1,686	Measure
HPWH - Tier 1 - greater than 75 gallons - Zonal Electric Heated Home - Interior Location - ID	Electric heat pump water heater	04/14/2014	RTF Deemed	957	Measure
Water Heater:Water Heater	**Residential**				
Electric Water Heater - 0.93 EF or greater - 66 gallons or greater - ID	Energy efficient electric water heater	08/20/2012	RTF Deemed	175	Measure
Electric Water Heater - 0.94 EF or greater - 40 to 49 gallons - ID	Energy efficient electric water heater	08/20/2012	RTF Deemed	99	Measure
Electric Water Heater - 0.95 EF or greater - 50 to 65 gallons - ID	Energy efficient electric water heater	08/20/2012	RTF Deemed	131	Measure
Measure Category : Whole Home					
Whole Home:Whole Home - Central Air Conditioner	**Residential**				
Whole Home Upgrade Package - Gas Furnace with CAC - ID	Combine attic insulation, 95%+ AFUE gas furnce with ECM blower, duct insulation & sealing	04/14/2014	RTF Deemed	0	Measure
Whole Home:Whole Home - Ductless Heat Pump	**Residential**				
Whole Home Upgrade Package - Ductless Heat Pump - ID	Combine attic insulation, ductless heat pump	04/14/2014	RTF Deemed	0	Measure
Whole Home:Whole Home - Heat Pump	**Residential**				
Whole Home Upgrade Package - Heat Pump Conversion - ID	Combine attic insulation, heat pump conversion with best practices install and sizing, and duct insulation & sealing	04/14/2014	RTF Deemed	0	Measure
Whole Home Upgrade Package - Heat Pump Upgrade - ID	Combine attic insulation, heat pump upgrade with best practices install and sizing, and duct insulation & sealing	04/14/2014	RTF Deemed	0	Measure

	Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Home Energy Savings				

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Low Income Weatherization					
Measure Category : Appliances					
Refrigerators:Refrigerator	**Residential Low Income**				
901 Refrigerator Replacement - ID	Energy Star refrigerators	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Measure Category : Building Shell					
Air Sealing:Air Sealed/Infiltration	**Residential Low Income**				
18 Air Sealed/Infiltration - ID	Air sealing	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Doors:Thermal Doors	**Residential Low Income**				
31 Thermal Doors - ID	Thermal doors	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Grounds:Ground Cover	**Residential Low Income**				
46 Ground Cover - ID	Ground cover when installed with floor insulation	01/01/2014	RMP Deemed	0	Home
Insulation:Ceiling Insulation	**Residential Low Income**				
09 Ceiling Insulation - ID	Ceiling insulation	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Insulation:Floor Insulation	**Residential Low Income**				
11 Floor Insulation - ID	Floor insulation	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Insulation:Wall Insulation	**Residential Low Income**				
08 Wall Insulation - ID	Wall insulation	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Ventilation:Attic Ventilation	**Residential Low Income**				
10 Attic Ventilation - ID	Attic ventilation	01/01/2014	RMP Deemed	0	Home
Weatherization:Home Weatherization	**Residential Low Income**				
Home Repair Cost - ID	Repairs necessary to install energy efficient measures	01/01/2014	RMP Deemed	0	Home
ID Weatherization - ID	This is not a distinct measure but allows for a deemed savings amount to be applied to shell measures/a set kWh per home	01/01/2014	RMP Deemed	1,308	Home
Windows:Window Replacement	**Residential Low Income**				
01 Storm Windows - ID	Storm windows	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
32 Double Glass Replacement - ID	Replacement windows with a U-value of 0.35 or less	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Measure Category : Health and Safety					

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Low Income Weatherization					
Health and Safety:Health and Safety	**Residential Low Income**				
274 Health and Safety - ID	Health and safety measures related to electric usage	01/01/2014	RMP Deemed	0	Home
Measure Category : HVAC					
Controls and Thermostats:Thermostat	**Residential Low Income**				
14 Clock Thermostat - ID	Timed thermostats	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Measure
Ducting:Duct Sealing and/or Insulation	**Residential Low Income**				
15 Duct Insulation/Sealing Insulation - ID	Duct insulation	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
581 Duct Sealing - ID	Duct sealing	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Heating:Furnace Repair	**Residential Low Income**				
271 Furnace Repair - ID	Electric furnace repair	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Measure
Heating:Furnace Replacement	**Residential Low Income**				
272 Furnace Replacement - ID	Electric furnace replacement	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Measure
Measure Category : Lighting					
General Service Lamps:CFL	**Residential Low Income**				
21 Fluorescent Lighting - ID	Energy Star CFLs	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Measure Category : Water Heating					
Flow Control:Faucet Aerators	**Residential Low Income**				
501 Faucet Aerators - ID	Faucet aerators	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Measure
Flow Control:Low Flow Shower Head	**Residential Low Income**				
19 Low Flow Shower Head - ID	Showerheads	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Measure
Pipe Insulation:Pipe Insulation	**Residential Low Income**				
12 Pipe Insulation HYD - ID	Water pipe wrap	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Home
Water Heater:Water Heater Repair	**Residential Low Income**				
240 Water Heater Repair - ID	Electric water heater repair	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : Low Income Weatherization					
Water Heater:Water Heater Replacement	**Residential Low Income**				
273 Water Heater Replacement - ID	Electric water heater replacement	01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Measure
Measure Category : Whole Home					
Whole Home:Whole Home	**Residential Low Income**				
Energy Conservation Education Kit - ID		01/01/2014	RMP Deemed	Savings included in "ID Weatherization - ID" measure	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : See Ya Later, Refrigerator					
Measure Category : Appliances					
Freezers:Freezer Recycling	**Residential**				
Freezer Recycling - ID	Freezer recycling	07/01/2014	RMP Deemed	1,033	Measure
Freezer Recycling - Secondary Market Intervention - ID	Freezer recycling, retailer pickup	07/01/2014	RMP Deemed	1,033	Measure
Refrigerators:Refrigerator Recycling	**Residential**				
Refrigerator Recycling - ID	Refrigerator recycling	07/01/2014	RMP Deemed	1,022	Measure
Refrigerator Recycling - Secondary Market Intervention - ID	Refrigerator recycling, retailer pickup	07/01/2014	RMP Deemed	1,022	Measure
Measure Category : Food Service Equipment					
Freezers:Residential Freezer Recycling	**Non-Residential**				
Freezer Recycling (residential used in a business) - ID	Freezer recycling, residential unit at non-residential site	07/01/2014	RMP Deemed	1,033	Measure
Refrigerators:Residential Refrigerator Recycling	**Non-Residential**				
Refrigerator Recycling (residential used in a business) - ID	Refrigerator recycling, residential unit at non-residential site	07/01/2014	RMP Deemed	1,022	Measure
Measure Category : Lighting					
General Service Lamps:CFL Kit	**Non-Residential**				
Energy Savings Kit (residential used in a business)- ID	Energy savings kit	07/01/2014	RMP Deemed	30.23	Measure
Energy Savings Kit - ID	Energy savings kit	01/01/2014	RMP Deemed	30.23	Measure

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Measure Category : Appliances					
Clothes Washers:Commercial Clothes Washer	**Non-Residential**				
High-Efficiency Clothes Washer (Must have Electric Water Heating) - Commercial - ENERGY STAR Qualified - ID	Energy Star Qualified High Efficiency Clothes Washer	11/13/2014	RTF Deemed	391	Measure
Clothes Washers:Residential Clothes Washer - Electric DHW &	**Non-Residential**				
Clothes Washer - 3.2 MEF or Higher - Electric DHW & Electric Dryer (residential used in a business) - ID	Energy efficient clothes washers	11/13/2014	RTF Deemed	143	Measure
Clothes Washers:Residential Clothes Washer - Electric DHW &	**Non-Residential**				
Clothes Washer - 3.2 MEF or Higher - Electric DHW & Gas Dryer (residential used in a business) - ID	Energy efficient clothes washers	11/13/2014	RTF Deemed	54	Measure
Clothes Washers:Residential Clothes Washer - Gas DHW &	**Non-Residential**				
Clothes Washer - 3.2 MEF or Higher - Gas DHW & Electric Dryer (residential used in a business) - ID	Energy efficient clothes washers	11/13/2014	RTF Deemed	106	Measure
Clothes Washers:Residential Clothes Washer - Gas DHW & Gas	**Non-Residential**				
Clothes Washer - 3.2 MEF or Higher - Gas DHW & Gas Dryer (residential used in a business) - ID	Energy efficient clothes washers	11/13/2014	RTF Deemed	16	Measure
Water Heater:Residential Water Heater	**Non-Residential**				
Electric Water Heater (.93 EF or greater) 66 gallon (residential used in a business) - ID	Energy efficient electric water heaters	11/13/2014	RTF Deemed	175	Measure
Electric Water Heater (.94 EF or greater) 40 gallon (residential used in a business) - ID	Energy efficient electric water heaters	11/13/2014	RTF Deemed	99	Measure
Electric Water Heater (.95 EF or greater) 50 gallon (residential used in a business) - ID	Energy efficient electric water heaters	11/13/2014	RTF Deemed	131	Measure
Measure Category : Building Shell					
Insulation:Roof/Attic Insulation	**Non-Residential**				
Roof/Attic Insulation - New Construction - ID	New Construction Roof/Attic Insulation	11/13/2014	RMP Deemed	0.035	Sq. ft.
Roof/Attic Insulation - Retrofit - ID	Retrofit Roof/Attic Insulation	11/13/2014	RMP Deemed	0.08	Sq. ft.
Insulation:Wall Insulation	**Non-Residential**				
Wall Insulation - New Construction - ID	New construction Wall Insulation	11/13/2014	RMP Deemed	0.011	Sq. ft.
Wall Insulation - Retrofit - ID	Retrofit Wall Insulation	11/13/2014	RMP Deemed	0.064	Sq. ft.
Roof:Cool Roof	**Non-Residential**				
Cool Roof - New Construction - ID	New Construction, Cool Roof, reflective roofing	11/13/2014	RMP Deemed	0.33	Sq. ft.
Cool Roof - Retrofit - ID	Retrofit,Cool Roof, reflective roofing	11/13/2014	RMP Deemed	0.33	Sq. ft.
Windows:Window Film	**Non-Residential**				
Window Film: Existing Windows - ID	Window Film	11/13/2014	RMP Calculation	Savings vary by install	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
				configuration	
Windows:Window Replacement	**Non-Residential**				
Windows - Retrofit: Assembly - ID	Retrofit preassembled windows	11/13/2014	RMP Deemed	4.425	Sq. ft.
Windows - Retrofit: Site-Built - ID	Retrofit Site built windows	11/13/2014	RMP Deemed	4.065	Sq. ft.
Windows:Window Upgrade	**Non-Residential**				
Windows - New Construction: Assembly - ID	New construction preassembled windows	11/13/2014	RMP Deemed	1.614	Sq. ft.
Windows - New Construction: Site-Built - ID	New construction site built windows	11/13/2014	RMP Deemed	1.219	Sq. ft.
Measure Category : Compressed Air					
Compressed Air:Compressed air end use reduction	**Non-Residential**				
Compressed Air End Use Reduction - Retrofit ID	Replace inappropriate or inefficient compressed air end uses with functionally equivalent alternatives, leak reduction, or isolation valves.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Compressed Air:Low-pressure drop filter	**Non-Residential**				
Low-pressure drop filter (New Construction) - ID	Low pressure drop filter in place of regular filter	11/13/2014	RMP Deemed	6.79	Scfm
Low-pressure drop filter (Retrofit) - iD	Low pressure drop filter in place of regular filter	11/13/2014	RMP Deemed	6.79	Scfm
Compressed Air:Outside air intake	**Non-Residential**				
Outside air intake (New Construction) - ID	Permanent ductwork between compressor and outdoors for compressor intake air	11/13/2014	RMP Deemed	48.97	Hp
Outside air intake (Retrofit) - ID	Permanent ductwork between compressor and outdoors for compressor intake air	11/13/2014	RMP Deemed	48.97	hp
Compressed Air:Receiver capacity addition	**Non-Residential**				
Receiver capacity addition (New Construction) - ID	Incremental receiver capacity in excess of 2 gal/scfm of trim compressor capacity	11/13/2014	RMP Deemed	13.1	Gal above 2 gal/scfm
Receiver capacity addition (Retrofit) - ID	Incremental receiver capacity in excess of 2 gal/scfm of trim compressor capacity	11/13/2014	RMP Deemed	13.1	Gal above 2 gal/scfm
Compressed Air:Refrigerated cycling dryer	**Non-Residential**				
Refrigerated cycling dryer (New Construction) - ID	Cycling refrigerated dryer in place of non cycling refrigerated dryer	11/13/2014	RMP Deemed	12.73	Scfm/hr
Refrigerated cycling dryer (Retrofit) - ID	Cycling refrigerated dryer in place of non cycling refrigerated dryer	11/13/2014	RMP Deemed	12.73	Scfm/hr
Compressed Air:VFD controlled compressor	**Non-Residential**				
VFD controlled compressor (New Construction) - ID	VFD compressor in place of fixed speed compressor (oil-flooded only, not oil-free)	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
VFD controlled compressor (Retrofit) - ID	VFD compressor in place of fixed speed compressor (oil-flooded only, not oil-free)	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Compressed Air:Zero loss condensate drain	**Non-Residential**				

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Zero loss condensate drain (New Construction) - ID	No-loss condensate drain in place of conventional timer drain	11/13/2014	RMP Deemed	786.37	Measure
Zero loss condensate drain (Retrofit) - ID	No-loss condensate drain in place of conventional timer drain	11/13/2014	RMP Deemed	786.37	Measure
Measure Category : Custom					
Additional Measures:Dust Collection	**Non-Residential**				
Dust Collection (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Dust Collection (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Additional Measures:Other Controls	**Non-Residential**				
Other Controls (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Other Controls (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Building Shell:Cool Roof	**Non-Residential**				
Cool Roof (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Cool Roof (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Building Shell:Exterior Shading	**Non-Residential**				
Exterior Shading (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Exterior Shading (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Building Shell:Glazing	**Non-Residential**				
Glazing (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Glazing (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Building Shell:Insulation Package	**Non-Residential**				
Insulation Package (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Insulation Package (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Building Shell:Other Building Shell	**Non-Residential**				
Other Building Shell (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Other Building Shell (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Building Shell:Roof/Attic Insulation	**Non-Residential**				
Roof/Attic Insulation (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Roof/Attic Insulation (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Building Shell:Wall Insulation	**Non-Residential**				
Wall Insulation (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Wall Insulation (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Compressed Air:Control	**Non-Residential**				
Control (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Control (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Compressed Air:Improvements	**Non-Residential**				
Improvements (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Improvements (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Compressed Air:VFD Compressor	**Non-Residential**				
VFD Compressor (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
VFD Compressor (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Energy Management:Industrial Recommissioning	**Non-Residential**				
Industrial Recommissioning Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Energy Management:Persistent Recommissioning	**Non-Residential**				
Persistent Recommissioning Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Energy Management:Recommissioning	**Non-Residential**				
Recommissioning Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Energy Management:Strategic Energy Mgmt	**Non-Residential**				
Strategic Energy Management Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Chiller	**Non-Residential**				
Chiller (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Chiller (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:CO2 Air Controls	**Non-Residential**				
CO2 Air Controls (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
CO2 Air Controls (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Cooling Tower - VFD Fan	**Non-Residential**				
Cooling Tower - VFD Fan (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Cooling Tower - VFD Fan (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:DDC	**Non-Residential**				
DDC (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
DDC (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Economizer	**Non-Residential**				
Economizer (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Economizer (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Evaporative Cooler	**Non-Residential**				
Evaporative Cooler (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Evaporative Cooler (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Fan Controls	**Non-Residential**				
Fan Controls (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Fan Controls (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Fan-Powered VAV	**Non-Residential**				
Fan-Powered VAV (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Fan-Powered VAV (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Garage CO Fan Conts	**Non-Residential**				
Garage CO Fan Conts (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Garage CO Fan Conts (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
				configuration	
HVAC:Groundwater-Source Heat Pumps	**Non-Residential**				
Groundwater-Source Heat Pumps (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Groundwater-Source Heat Pumps (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Heat Pump	**Non-Residential**				
Heat Pump (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Heat Pump (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Heat Recovery	**Non-Residential**				
Heat Recovery (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Heat Recovery (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:High-Effic. Air Cond.	**Non-Residential**				
High-Effic. Air Cond. (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
High-Effic. Air Cond. (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Other HVAC	**Non-Residential**				
Other HVAC (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Other HVAC (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Package HVAC	**Non-Residential**				
Package HVAC (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Package HVAC (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Premium RTU	**Non-Residential**				
Premium RTU (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Premium RTU (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:VAV	**Non-Residential**				
VAV (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
VAV (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
				configuration	
HVAC:VFD Fan	**Non-Residential**				
VFD Fan (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
VFD Fan (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:VFD Pump	**Non-Residential**				
VFD Pump (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
VFD Pump (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HVAC:Water-Loop Heat Pump	**Non-Residential**				
Water-Loop Heat Pump (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Water-Loop Heat Pump (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Irrigation:Pivots and Linear Systems	**Non-Residential**				
Center Pivot Replacing Set Move System (Retrofit) - ID	New center pivot replacing previous (non-pivot) system	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Sprinkler Package Replacement (Retrofit) - ID	Replace sprinkler package on pivot or linear	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Irrigation:Pump Upgrades	**Non-Residential**				
Pump Replacement / Rebuild (Retrofit) - ID	Replace or rebuild irrigation pump	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Pump Upgrades (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Pump Upgrades (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Irrigation:System Redesign	**Non-Residential**				
System Redesign (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
System Redesign (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
System Redesign (Retrofit) - ID	Redesign irrigation system, including distribution equipment	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Irrigation:Variable Frequency Drives	**Non-Residential**				
Irrigation Pump VFD - ID	Add VFD to irrigation pump	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Irrigation:Wheel Line/Hand Line Equipment	**Non-Residential**				
Upgrade Wheel Line / Hand Line Equipment (Retrofit) - ID	Replace wheel lines, handlines, and/or components	11/13/2014	RMP Calculation	Savings vary by install	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
	thereof			configuration	
Motors:Electronically Commutated Motor	**Non-Residential**				
Electronically Commutated Motor (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Electronically Commutated Motor (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Motors:Other Motors	**Non-Residential**				
Other Motors (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Other Motors (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Motors:Pump Motors	**Non-Residential**				
Pump Motors (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Pump Motors (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Motors:Pump with VFD	**Non-Residential**				
Pump with VFD (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Pump with VFD (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Motors:VFD Motors	**Non-Residential**				
VFD Motors (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
VFD Motors (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Motors:VSD	**Non-Residential**				
VSD (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
VSD (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:2-Stage Ammonia	**Non-Residential**				
2-Stage Ammonia (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
2-Stage Ammonia (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Box Insulation	**Non-Residential**				
Box Insulation (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Box Insulation (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
				configuration	
Refrigeration:Case/Point of Sale Lighting	**Non-Residential**				
Case/Point of Sale Lighting (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Case/Point of Sale Lighting (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:CO2 Scrubber	**Non-Residential**				
CO2 Scrubber (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
CO2 Scrubber (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Compressor VFD	**Non-Residential**				
Compressor VFD (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Compressor VFD (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Condenser Fan VFDs	**Non-Residential**				
Condenser Fan VFDs (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Condenser Fan VFDs (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Condensing Press Cont	**Non-Residential**				
Condensing Press Cont (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Condensing Press Cont (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Controls Refrigeration	**Non-Residential**				
Controls Refrigeration (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Controls Refrigeration (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:EE Evaporator Coils	**Non-Residential**				
EE Evaporator Coils (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
EE Evaporator Coils (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Evap & AirCool Condense	**Non-Residential**				
Evap & AirCool Condense (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Evap & AirCool Condense (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
				configuration	
Refrigeration:Evaporator Fan VFD	**Non-Residential**				
Evaporator Fan VFD (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Evaporator Fan VFD (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Evaporator System	**Non-Residential**				
Evaporator System (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Evaporator System (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Fan VFDs	**Non-Residential**				
Fan VFDs (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Fan VFDs (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Floating Head Press Cont	**Non-Residential**				
Floating Head Press Cont (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Floating Head Press Cont (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Floating Suction Control	**Non-Residential**				
Floating Suction Control (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Floating Suction Control (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:HE Evaporative Fan	**Non-Residential**				
HE Evaporative Fan (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HE Evaporative Fan (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Heat Pump Desuper	**Non-Residential**				
Heat Pump Desuper (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Heat Pump Desuper (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:High Speed Doors	**Non-Residential**				
High Speed Doors (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
High Speed Doors (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
				configuration	
Refrigeration:High-Effic. Cases	**Non-Residential**				
High-Effic. Cases (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
High-Effic. Cases (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Humidistat / Anti-Sweat	**Non-Residential**				
Humidistat / Anti-Sweat (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Humidistat / Anti-Sweat (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Other Refrigeration	**Non-Residential**				
Other Refrigeration (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Other Refrigeration (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Package Refrigeration	**Non-Residential**				
Package Refrigeration (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Package Refrigeration (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Plate Cooler	**Non-Residential**				
Plate Cooler (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Plate Cooler (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Solid Door Refrigerator	**Non-Residential**				
Solid Door Refrigerator (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Solid Door Refrigerator (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Refrigeration:Warm Gas Defrost	**Non-Residential**				
Warm Gas Defrost (New Construction wCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Warm Gas Defrost (Retrofit & NCMR woCode) Custom - ID	Custom engineering for industrial and large commercial	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Measure Category : Electronics					
Office Equipment:Network PC Power Management Software	**Non-Residential**				

Rocky Mountain Power Energy Efficiency Measures for Idaho

Measures Effective on 04/27/2015

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Network PC Power Management Software - ID	Computer network Power Management Software	11/13/2014	RMP Deemed	103	Measure
Office Equipment:Smart Plug Strip	**Non-Residential**				
Smart Plug Strip - ID	Any plug strip that eliminates idle or stand-by polwer consumption of connected pulg-lead appliance through the use of an occupancy sensor, electric load sensor, or timer.	11/13/2014	RMP Deemed	100	Measure
Measure Category : Farm & Dairy					
Engine Block Timers:Agricultural engine block heater timer	**Non-Residential Agriculture**				
Agricultural engine block heater timer (New Construction) - ID	Timer for cycling agricultural engine block heater	11/13/2014	RMP Deemed	512	Measure
Agricultural engine block heater timer (Retrofit) - ID	Timer for cycling agricultural engine block heater	11/13/2014	RMP Deemed	512	Measure
Fans:Circulating fan	**Non-Residential Agriculture**				
Circulating fan: 12-23" diameter (New Construction) - ID	Circulation fan, small (12-23" diameter)	11/13/2014	RMP Deemed	419	Measure
Circulating fan: 12-23" diameter (Retrofit) - ID	Circulation fan, small (12-23" diameter)	11/13/2014	RMP Deemed	419	Measure
Circulating fan: 24-35" diameter (New Construction) - ID	Circulation fan, medium (24-35" diameter)	11/13/2014	RMP Deemed	486	Measure
Circulating fan: 24-35" diameter (Retrofit) - ID	Circulation fan, medium (24-35" diameter)	11/13/2014	RMP Deemed	486	Measure
Circulating fan: 36-47" diameter (New Construction) - ID	Circulation fan, large (36-47" diameter)	11/13/2014	RMP Deemed	557	Measure
Circulating fan: 36-47" diameter (Retrofit) - ID	Circulation fan, large (36-47" diameter)	11/13/2014	RMP Deemed	557	Measure
Circulating fan: >=48" diameter (New Construction) - ID	Circulation fan, extra large (>=48" diameter)	11/13/2014	RMP Deemed	1,460	Measure
Circulating fan: >=48" diameter (Retrofit) - ID	Circulation fan, extra large (>=48" diameter)	11/13/2014	RMP Deemed	1,460	Measure
Fans:Controller	**Non-Residential Agriculture**				
Programmable ventilation controller (New Construction) - ID	Controller for automatic switching of ventilation fans	11/13/2014	RMP Deemed	1,020	Measure
Programmable ventilation controller (Retrofit) - ID	Controller for automatic switching of ventilation fans	11/13/2014	RMP Deemed	1,020	Measure
Fans:High-efficiency ventilation system	**Non-Residential Agriculture**				
High-efficiency ventilation system: 12-23" diameter (New Construction) - ID	Ventilation fan, small (12-23" diameter)	11/13/2014	RMP Deemed	419	Measure
High-efficiency ventilation system: 12-23" diameter (Retrofit) - ID	Ventilation fan, small (12-23" diameter)	11/13/2014	RMP Deemed	419	Measure
High-efficiency ventilation system: 24-35" diameter (New Construction) - ID	Ventilation fan, medium (24-35" diameter)	11/13/2014	RMP Deemed	750	Measure
High-efficiency ventilation system: 24-35" diameter (Retrofit) - ID	Ventilation fan, medium (24-35" diameter)	11/13/2014	RMP Deemed	750	Measure
High-efficiency ventilation system: 36-47" diameter (New Construction) - ID	Ventilation fan, large (36-47" diameter)	11/13/2014	RMP Deemed	1,500	Measure
High-efficiency ventilation system: 36-47" diameter (Retrofit) - iD	Ventilation fan, large (36-47" diameter)	11/13/2014	RMP Deemed	1,500	Measure
High-efficiency ventilation system: >=48" diameter (New	Ventilation fan, extra large (>=48" diameter)	11/13/2014	RMP Deemed	3,000	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Construction) - ID					
High-efficiency ventilation system: >=48" diameter (Retrofit) - ID	Ventilation fan, extra large (>=48" diameter)	11/13/2014	RMP Deemed	3,000	Measure
Fans:Variable Frequency Drive	**Non-Residential Agriculture**				
Potato or onion storage fan VFD - ID	Add variable frequency drive to existing or new fan in potato or onion storage.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Livestock Waterers:High-efficiency livestock waterer	**Non-Residential Agriculture**				
High efficiency livestock waterer (New Construction) - ID	High efficiency livestock waterer	11/13/2014	RMP Deemed	1,209	Measure
High efficiency livestock waterer (Retrofit) - ID	High efficiency livestock waterer	11/13/2014	RMP Deemed	1,209	Measure
Milkers:Milker Take Off	**Non-Residential Agriculture**				
Automatic milker takeoffs (retrofit only) - ID	Automatic milker takeoff	11/13/2014	RMP Deemed	992	Measure
Pumps:Variable Frequency Drives	**Non-Residential Agriculture**				
Variable frequency drive for dairy vacuum pump (retrofit only) - ID	Variable frequency drive for dairy vacuum pump (retrofit only)	11/13/2014	RMP Deemed	2,505	Hp
Refrigeration:Milk pre-cooler	**Non-Residential Agriculture**				
Milk pre-cooler (New Construction) - ID	Precool milk with well water prior to refrigeration	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Milk pre-cooler (Retrofit) - ID	Precool milk with well water prior to refrigeration	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Water Heating:Heat reclaimer	**Non-Residential Agriculture**				
Heat recovery (New Construction) - ID	Reclaim heat from refrigeration condenser to heat water	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Heat recovery (Retrofit) - ID	Reclaim heat from refrigeration condenser to heat water	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Measure Category : Food Service Equipment					
Cooking Equipment:Fryer	**Non-Residential**				
Electric Commercial Fryer: Tier 1 - ID	High Efficiency Energy Star qualified Commercial Fryer (Electric Only)	11/13/2014	RMP Deemed	1,689	Measure
Electric Commercial Fryer: Tier 2 - ID	High Efficiency Energy Star qualified Electric Commercial Fryer with a Heavy Load Efficiency >= 85% and Idle Energy Rate <= 860 W.	11/13/2014	RMP Deemed	2,881	Measure
Cooking Equipment:Griddle	**Non-Residential**				
Electric Griddle: Tier 2 - ID	High Efficiency Energy Star Tier 2 qualified Electric Griddle	11/13/2014	RMP Deemed	2,595	Measure
Cooking Equipment:Oven	**Non-Residential**				
Electric Combination Oven: (16-20 pans) - ID	High efficiency Electric Combination Oven with Heavy Load Efficiency	11/13/2014	RTF Deemed	12,945	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Electric Combination Oven: (6-15 pans) - ID	High efficiency Electric Combination Oven with Heavy Load Efficiency	11/13/2014	RTF Deemed	17,665	Measure
Electric Convection Oven: Full Size - ID	High Efficiency Electric Convection Oven	11/13/2014	RMP Deemed	3,020	Measure
Electric Convection Oven: Half Size - ID	High Efficiency Electric Convection Oven	11/13/2014	RMP Deemed	3,059	Measure
Cooking Equipment:Steam Cooker	**Non-Residential**				
Electric Steam Cooker: 3-, 4-, 5- and 6-pan sizes - Tier 1 - ID	High Efficiency Energy Star qualified Electric Steam Cooker with a Cooking Efficiency >= 50%	11/13/2014	RMP Deemed	18,769	Measure
Electric Steam Cooker: 3-, 4-, 5- and 6-pan sizes - Tier 2 - ID	High Efficiency Energy Star qualified Electric Steam Cooker with a Cooking Efficiency >=68%	11/13/2014	RMP Deemed	39,312	Measure
Dishwashers:Commercial Dishwasher	**Non-Residential**				
Commercial Dishwasher (Electric DHW): Multiple Tank Conveyor - ID	High Efficiency Commercial Energy Star qualified high temperature Multiple Tank Conveyor Dishwasher with electric booster using electically heated domestic water	11/13/2014	RMP Deemed	27,408	Measure
Commercial Dishwasher (Electric DHW): Single Tank Conveyor - ID	High Efficiency Commercial Energy Star qualified high temperature Single Tank Conveyor Dishwasher with electric booster using electically heated domestic water	11/13/2014	RMP Deemed	9,212	Measure
Commercial Dishwasher (Electric DHW): Stationary Rack, Single Tank, Door Type - ID	High Efficiency Commercial Energy Star qualified high temperature Stationary Rack, Single Tank, Door Type Dishwasher with electric booster using electically heated domestic water	11/13/2014	RMP Deemed	11,863	Measure
Commercial Dishwasher (Electric DHW): Undercounter - ID	High Efficiency Commercial Energy Star qualified high temperature Undercounter Dishwasher with electric booster using electically heated domestic water	11/13/2014	RMP Deemed	3,171	Measure
Commercial Dishwasher (Gas DHW): Multiple Tank Conveyor - ID	High Efficiency Commercial Energy Star qualified high temperature Multiple Tank Conveyor Dishwasher with electric booster using gas heated domestic water	11/13/2014	RMP Deemed	11,230	Measure
Commercial Dishwasher (Gas DHW): Single Tank Conveyor - ID	High Efficiency Commercial Energy Star qualified high temperature Single Tank Conveyor Dishwasher with electric booster using gas heated domestic water	11/13/2014	RMP Deemed	4,948	Measure
Commercial Dishwasher (Gas DHW): Stationary Rack, Single Tank, Door Type - ID	High Efficiency Commercial Energy Star qualified high temperature Stationary Rack, Single Tank, Door Type Dishwasher with electric booster using gas heated domestic water	11/13/2014	RMP Deemed	4,840	Measure
Commercial Dishwasher (Gas DHW): Undercounter - ID	High Efficiency Commercial Energy Star qualified high temperature Undercounter Dishwasher with electric booster using electically heated domestic water	11/13/2014	RMP Deemed	2,089	Measure
Freezers:Commercial Freezer	**Non-Residential**				
Commercial Transparent Door Freezer: 0 < V < 15 - ID	High Efficiency Energy Star qualified Commercial Transparent Door Freezer with Interior volume equal to (0 < V < 15 cubic feet)	11/13/2014	RMP Deemed	396	Measure
Commercial Transparent Door Freezer: 15 <= V < 30 - ID	High Efficiency Energy Star qualified Commercial Transparent Door Freezer with an interior volume equal	11/13/2014	RMP Deemed	947	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
	to (15 <= V < 30 cubic feet)				
Commercial Transparent Door Freezer: 30 <= V < 50 - ID	High Efficiency Energy Star qualified Commercial Transparent Door Freezer with an interior volume equal to (30 <= V < 50 cubic feet)	11/13/2014	RMP Deemed	1,504	Measure
Commercial Transparent Door Freezer: 50 <= V - ID	High Efficiency Energy Star qualified Commercial Transparent Door Freezer with an interior volume equal to (50 <= V cubic feet)	11/13/2014	RMP Deemed	2,393	Measure
Commercial Transparent Door Freezer: Horizontal - ID	High Efficiency Energy Star qualified Commercial Transparent Door Freezer (Horizontal)	11/13/2014	RMP Deemed	1,978	Measure
Grocery Refrigeration:Refrigeration Controls	**Non-Residential**				
Anti-Sweat Heater Controls - Low Temp - ID	Anti-Sweat Heater Controls-RTF-Low Temp	11/13/2014	RTF Deemed	378.4	Linear ft.
Anti-Sweat Heater Controls - Med Temp - ID	Anti-Sweat Heater Controls-RTF-Med Temp	11/13/2014	RTF Deemed	232.8	Linear ft.
Holding Cabinet:Insulated Holding Cabinet	**Non-Residential**				
Electric Insulated Holding Cabinet: 13 <= V < 28 cu. ft. - ID	High Efficiency Energy Star qualified 3/4 Size Electric Insulated Holding Cabinet with internal volume of 13 <= V < 28 cubic feet	11/13/2014	RMP Deemed	2,770	Measure
Electric Insulated Holding Cabinet: < 13 cu. ft. - ID	High Efficiency Energy Star qualified Electric Insulated Holding Cabinet with internal volume of < 13 cubic feet	11/13/2014	RMP Deemed	658	Measure
Electric Insulated Holding Cabinet: >= 28 cu. Ft. - ID	High Efficiency Energy Star qualified Full Size Electric Insulated Holding Cabinet with internal volume of >= 28 cubic feet	11/13/2014	RMP Deemed	5,624	Measure
Ice Machine:Ice Machine	**Non-Residential**				
Ice Machines (Air-Cooled Only): Tier 1: Harvest Rate < 500 lbs/day - ID	High Efficiency Energy Star qualified Ice Machine with an ice harvest rate of less than 500 lbs per day	11/13/2014	RMP Deemed	748	Measure
Ice Machines (Air-Cooled Only): Tier 1: Harvest Rate >= 500 lbs/day - ID	High Efficiency Energy Star qualified Ice Machine with a ice harvest rate of equal to or greater than 500 lbs/ day	11/13/2014	RMP Deemed	2,410	Measure
Ice Machines (Air-Cooled Only): Tier 2: Harvest Rate < 500 lbs/day - ID	High Efficiency CEE Tier 2 qualified Ice Machine with an Ice harvest rate less than 500 lbs/day	11/13/2014	RMP Deemed	1,355	Measure
Ice Machines (Air-Cooled Only): Tier 2: Harvest Rate >= 500 lbs/day - ID	High Efficiency CEE Tier 2 qualified Ice Machine with an Ice harvest rate of equal to or greater than 500 lbs/day	11/13/2014	RMP Deemed	3,876	Measure
Lighting:Refrigerated Case Lighting	**Non-Residential**				
LED Case Lighting (Retrofit Only) - ID	LED replacing flourescent lamp in refrigerated cases.	11/13/2014	RMP Deemed	96	Linear ft.
Refrigerated Case Occupancy Sensor (Retrofit Only) - ID	Occupancy Sensor installed in existing refrigerated case with LED lighting	11/13/2014	RMP Deemed	18.8	Linear ft.
Refrigerators:Commercial Refrigerator	**Non-Residential**				
Commercial Transparent Door Refrigerator: 0 < V < 15 - ID	High Efficiency Energy Star qualified Commercial Transparent Door Refrigerator with Interior volume equal to (0 < V < 15 cubic feet)	11/13/2014	RMP Deemed	883	Measure
Commercial Transparent Door Refrigerator: 15 <= V < 30 - ID	High Efficiency Energy Star qualified Commercial Transparent Door Refrigerator with an interior	11/13/2014	RMP Deemed	856	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
	volume=15 <= V < 30 cubic feet				
Commercial Transparent Door Refrigerator: 30 <= V < 50 - ID	High Efficiency Energy Star qualified Commercial Transparent Door Refrigerator with an interior volume=30 <= V < 50 cubic feet	11/13/2014	RMP Deemed	993	Measure
Commercial Transparent Door Refrigerator: 50 <= V - ID	High Efficiency Energy Star qualified Commercial Transparent Door Refrigerator with an interior volume=50 <= V interior cubic feet	11/13/2014	RMP Deemed	1,394	Measure
Commercial Transparent Door Refrigerator: Horizontal - ID	High Efficiency Energy Star qualified Horizontal Configuration Commercial Transparent Door Refrigerator	11/13/2014	RMP Deemed	412	Measure
Refrigerators:Residential Refrigerator CEE Tier 3	**Non-Residential**				
Refrigerator - CEE Tier 3 - Any Style (residential used in a business) - ID	Energy efficient refrigerator	11/13/2014	RTF Deemed	85.8	Measure
Ventilation:Kitchen Ventilation	**Non-Residential**				
Demand Controlled Kitchen Ventilation - ID	Demand Controlled Kitchen Ventilation	11/13/2014	RMP Calculation	Savings vary by install configuration	Measure
Measure Category : HVAC					
Controls and Thermostats:Controller	**Non-Residential**				
Occupancy Based PTHP/PTAC control - ID	Occupancy based PTHP/PTAC control, all sizes with no prior occupancy based control, retrofit only	11/13/2014	RMP Deemed	446	Measure
Controls and Thermostats:Thermostat	**Non-Residential**				
365/366 day Programmable Thermostat or Occupancy-based Thermostat-ID	365 day Programmable Thermosat	11/13/2014	RMP Deemed	1,310	Measure
Cooling:Chiller	**Non-Residential**				
Chillers - ID	High Efficiency Chiller	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Cooling:Evaporative Cooler	**Non-Residential**				
Evaporative Cooling - ID	Indirect or Direct Evaporative Cooling	11/13/2014	RMP Deemed	0.39	Cfm
Evaporative Pre-Cooler - Retrofit - ID	Use of evaporative cooling to pre-cool the air passing over a condensing coil included as part of building cooling system. For single air-cooled packaged rooftop or matched split system condensers only.	11/13/2014	RMP Deemed	202	Ton
Indirect-Direct Evaporative Cooling (IDEC) - ID	Indirect-direct Evaporative cooling	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Cooling:Package Terminal Air Conditioners (PTAC)	**Non-Residential**				
PTAC: <= 8,000 Btu/hr: Single package - ID	High efficiency package terminal air conditioners <= 8,000 Btu/hr, Single package	11/13/2014	RMP Deemed	21	Ton
PTAC: > 13,500 Btu/hr: Single package - ID	High efficiency package terminal air conditioners > 13,500 Btu/hr, Single package	11/13/2014	RMP Deemed	27	Ton

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
PTAC: > 8,000 Btu/hr and < 10,500 Btu/hr: Single package - ID	High efficiency package terminal air conditioners > 8,000 Btu/hr and < 10,500 Btu/h, Single package	11/13/2014	RMP Deemed	45	Ton
PTAC: >= 10,500 Btu/hr and <= 13,500 Btu/hr: Single package - ID	High efficiency package terminal air conditioners >= 10,500 Btu/hr and <= 13,500 Btu/hr, Single package	11/13/2014	RMP Deemed	28	Ton
Cooling:Unitary Commercial Air Conditioners, Air-Cooled	**Non-Residential**				
Unitary CAC (Air): < 65, 000 Btu/hr (single phase): Single Package - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Air Conditioner Air Cooled < 65,000 Btu/hr, single package	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Unitary CAC (Air): < 65, 000 Btu/hr (single phase): Single Package - CEE Tier 2 - ID	CEE Tier 2, High Efficiency Air Conditioner Air Cooled < 65,000 Btu/hr, single package	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Unitary CAC (Air): < 65, 000 Btu/hr (single phase): Split System - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Air Conditioner Air Cooled < 65,000 Btu/hr, split system	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Unitary CAC (Air): < 65, 000 Btu/hr (single phase): Split System - CEE Tier 2 - ID	CEE Tier 2, High Efficiency Air Conditioner Air Cooled < 65,000 Btu/hr, split system	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Unitary CAC (Air): All equipment sizes (three phase): Single Package - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Air Conditioner Air Cooled, All equipment sizes, single package	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Unitary CAC (Air): All equipment sizes (three phase): Single Package - CEE Tier 2 - ID	CEE Tier 2, High Efficiency Air Conditioner Air Cooled, All equipment sizes, single package	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Unitary CAC (Air): All equipment sizes (three phase): Split System - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Air Conditioner Air Cooled, All equipment sizes, split system	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Unitary CAC (Air): All equipment sizes (three phase): Split System - CEE Tier 2 - ID	CEE Tier 2, High Efficiency Air Conditioner Air Cooled, All equipment sizes, split system	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Cooling:Unitary Commercial Air Conditioners, Water and	**Non-Residential**				
Unitary CAC (Water): All equipment sizes: Single Package - CEE Tier 1 - ID	High Efficiency Air Conditioner Water and Evaporatively Cooled, Single Package	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Unitary CAC (Water): All equipment sizes: Split System - CEE Tier 1 - ID	High Efficiency Air Conditioner Water and Evaporatively Cooled, Split System	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Heat Pump:Heat Pump - Ground Source	**Non-Residential**				
HP - Ground (Heating & Cooling Mode): Closed Loop - ID	Ground Source Heat Pump Loop (closed loop)	11/13/2014	RMP Deemed	73	Ton
HP - Ground (Heating & Cooling Mode): Heat Pump, Ground Source - ID	High Efficiency heat pumps (Ground source or groundwater)	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Ground (Heating & Cooling Mode): Open Loop - ID	Groundwater Source Heat Pump Loop (open loop)	11/13/2014	RMP Deemed	589	Ton
Heat Pump:Heat Pump - Packaged Terminal	**Non-Residential**				
PTHP (Heating & Cooling Mode): <= 8,000 Btu/hr: Single package - ID	High Efficiency package terminal heat pumps <= 8,000 Btu/hr,Single package	11/13/2014	RMP Deemed	298	Ton
PTHP (Heating & Cooling Mode): > 13,500 Btu/hr: Single package - ID	High Efficiency package terminal heat pumps > 13,500 Btu/hr,Single package	11/13/2014	RMP Deemed	325	Ton
PTHP (Heating & Cooling Mode): > 8,000 Btu/hr and < 10,500 Btu/hr: Single package - ID	High Efficiency package terminal heat pumps > 8,000 Btu/hr and < 10,500 Btu/hr,Single package	11/13/2014	RMP Deemed	293	Ton
PTHP (Heating & Cooling Mode): >= 10,500 Btu/hr and <= 13,500 Btu/hr: Single package - ID	High Efficiency package terminal heat pumps >= 10,500 Btu/hr and <= 13,500 Btu/hr,Single package	11/13/2014	RMP Deemed	159	Ton
Heat Pump:Heat Pumps - Air-Cooled	**Non-Residential**				

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
HP - Air (Heating & Cooling Mode): < 65, 000 Btu/hr (single phase): Single Package - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Single Package heat pump air cooled < 65, 000 Btu/hr, single phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): < 65, 000 Btu/hr (single phase): Single Package - CEE Tier 2 - ID	CEE Tier 2, High Efficiency Single Package heat pump air cooled < 65, 000 Btu/hr, single phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): < 65, 000 Btu/hr (single phase): Split System - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Split System heat pump air cooled < 65, 000 Btu/hr, single phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): < 65, 000 Btu/hr (single phase): Split System - CEE Tier 2 - ID	CEE Tier 2, High Efficiency Split System heat pump air cooled < 65, 000 Btu/hr, single phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): < 65, 000 Btu/hr (three phase): Single Package - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Single Package heat pump air cooled < 65, 000 Btu/hr, three phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): < 65, 000 Btu/hr (three phase): Single Package - CEE Tier 2 - ID	CEE Tier 2, High Efficiency Single Package heat pump air cooled < 65, 000 Btu/hr, three phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): < 65, 000 Btu/hr (three phase): Split System - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Split System heat pump air cooled < 65, 000 Btu/hr, three phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): < 65, 000 Btu/hr (three phase): Split System - CEE Tier 2 - ID	CEE Tier 2, High Efficiency Split System heat pump air cooled < 65, 000 Btu/hr, three phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): >= 65,000 Btu/hr (three phase): Single Package - 17°F db/15°F wb outdoor air - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Single Package heat pump air cooled >= 65,000 Btu/hr and : 17°F db/15°F wb outdoor air three phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): >= 65,000 Btu/hr (three phase): Single Package - 47°F db/43°F wb outdoor air - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Single Package heat pump air cooled >= 65,000 Btu/hr and : 47F db/15F wb outdoor air three phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): >= 65,000 Btu/hr (three phase): Split System - 17°F db/15°F wb outdoor air - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Split System heat pump air cooled >= 65,000 Btu/hr and : 17°F db/15°F wb outdoor air three phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
HP - Air (Heating & Cooling Mode): >= 65,000 Btu/hr (three phase): Split System - 47°F db/43°F wb outdoor air - CEE Tier 1 - ID	CEE Tier 1, High Efficiency Split System heat pump air cooled >= 65,000 Btu/hr and : 47F db/15F wb outdoor air three phase	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Heat Pump:Heat Pumps - VRF Air-Cooled	**Non-Residential**				
VRF Air-Cooled Heat Pump (Heating & Cooling Mode): CEE Tier 1 - ID	CEE Tier 1, High Efficiency variable refrigerant flow heat pump air cooled	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Heat Pump:Heat Pumps - VRF Water-Cooled	**Non-Residential**				
VRF Water-Cooled Heat Pump (Heating & Cooling Mode): < 135,000 Btu/hr - CEE Tier 1 - ID	CEE Tier 1, High Efficiency variable refrigerant flow heat pump water cooled	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Heat Pump:Heat Pumps - Water-Source	**Non-Residential**				
HP - Water (Heating and Cooling Mode): < 135,000 Btu/hr: CEE Tier 1 - ID	CEE Tier 1 High Efficiency water source heat pumps	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Motors:Variable-Frequency Drives (HVAC fans and pumps)	**Non-Residential**				
Variable-Frequency Drives (HVAC fans and pumps): <= 100 horsepower: HVAC fans - ID	Variable Frequency Drive controlling an HVAC applied fan	11/13/2014	RMP Deemed	1,184	Hp
Variable-Frequency Drives (HVAC fans and pumps): <= 100 horsepower: HVAC pumps - ID	Variable Frequency Drive controlling an HVAC applied pump	11/13/2014	RMP Deemed	919	Hp

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Measure Category : Irrigation					
Water Distribution Equipment:Center Pivot Equipment	**Non-Residential**				
Sprinkler Pressure Regulator Package (Custom) - ID	New pivot or linear pressure regulators replacing worn pressure regulators.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Measure Category : Lighting					
Controls:Advanced Daylighting Control	**Non-Residential**				
Advanced Daylighting Control - Retrofit - ID	Must incorporate both an occupancy sensor and daylighting sensor operating as part of the same control sequence in the same space.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Controls:Custom	**Non-Residential**				
General Illumination Lighting Control - Retrofit - Custom - ID	Custom General Illumination Lighting Control, control not listed in tariff incentive tables	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Controls:Daylighting Control	**Non-Residential**				
Daylighing Control - Retrofit - ID	Must control interior fixtures with driver or qualifying ballast that dims 50% or more of the fixture in response to daylight.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Controls:Exterior Lighting Control	**Non-Residential**				
Exterior Lighting Control - New Construction/Major Renovation - ID	Occupancy control which must control a linear fluorescent, induction, or LED fixture.	11/13/2014	RMP Deemed	342	Measure
Controls:Occupancy Control	**Non-Residential**				
Occupancy Control - Retrofit - Integral - ID	Integral Occupancy Sensor, integrated into lighting fixture	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Occupancy Control - Retrofit - PIR and Dual Tech - ID	PIR, Dual Tech	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Controls:Occupancy Control	**Non-Residential Small Business**				
Ceiling Occupancy Control - SBL - Retrofit - PIR and Dual Tech - ID	PIR, Dual Tech	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Wall Occupancy Control - SBL - Retrofit - PIR and Dual Tech - ID	PIR, Dual Tech	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Exterior Lighting:CFL	**Non-Residential**				
CFL Wall Pack - New Construction/Major Renovation - ID	New construction /major renovation exterior LED Wall pack	11/13/2014	RMP Deemed	548	Measure
Exterior Lighting:Custom	**Non-Residential**				
Exterior General Illuminance Lighting - New Construction/Major Renovation - Custom - ID	Custom General Illumination Lighting, exterior fixture or lamp not listed in tariff incentive tables	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Exterior Lighting:Induction Fixture	**Non-Residential**				
Induction Fixture - New Construction/Major Renovation - ID	New construction/major renovation exterior induction fixture	11/13/2014	RMP Deemed	657	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Exterior Lighting:LED	**Non-Residential**				
LED Canopy/Soffit Fixture - New Construction/Major Renovation - ID	New construction/major renovation exterior LED Canopy/Soffit fixture	11/13/2014	RMP Deemed	460	Measure
LED Flood Light Fixture - < 100 W - New Construction/Major Renovation - ID	New construction/major renovation exterior LED Flood Light fixture, < 100 W	11/13/2014	RMP Deemed	679	Measure
LED Flood Light Fixture - >= 100 W - New Construction/Major Renovation - ID	New construction/major renovation exterior LED Flood Light fixture, >= 100 W	11/13/2014	RMP Deemed	1,183	Measure
LED Outdoor Pole/Roadway Decorative Fixture - < 75 W - New Construction/Major Renovation - ID	New construction/major renovation exterior LED Outdoor Pole/Roadway decorative fixture	11/13/2014	RMP Deemed	460	Measure
LED Outdoor Pole/Roadway Fixture - <= 200 W - New Construction/Major Renovation - ID	New construction/major renovation exterior LED Outdoor Area and Roadway fixture, <= 200 W	11/13/2014	RMP Deemed	1,095	Measure
LED Outdoor Pole/Roadway Fixture - > 200 W - New Construction/Major Renovation - ID	New construction/major renovation exterior LED Outdoor Area and Roadway fixture, > 200 W	11/13/2014	RMP Deemed	3,285	Measure
LED Wall Pack Fixture - < 50 W - New Construction/Major Renovation - ID	New construction/major renovation exterior LED Wall Pack fixture, < 50 W	11/13/2014	RMP Deemed	460	Measure
LED Wall Pack Fixture - >= 50 W - New Construction/Major Renovation - ID	New construction/major renovation exterior LED Wall Pack fixture, >= 50 W	11/13/2014	RMP Deemed	657	Measure
General Illuminance:Ceramic Metal Halide (CMH)	**Non-Residential**				
Ceramic Metal Halide (CHM) Fixture - Retrofit - ID	Ceramic Metal Halide Fixture, all wattages	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:CFL	**Non-Residential**				
Compact Fluorescent Lamp (CFL) - Retrofit - Hardwired Fixture - ID	Compact Fluorescent fixture, hardwire fixtures only, all wattages.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:Cold Cathode	**Non-Residential**				
Cold Cathode Lamp - Retrofit - Screw-in Lamp - ID	Cold cathode screw in lamp, all wattages	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:Induction	**Non-Residential**				
Induction Fixture - Retrofit - New Fixture Only - ID	Induction Fixture, all wattages, new fixtures only	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:LED	**Non-Residential**				
LED Lamp - Retrofit - Integral Screw-in - ID	Integral Screw-in LED Lamp, LED must be on qualified equipment list	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
LED Fixture - Retrofit - Other LED - ID	LED Fixture (excluding Recessed Downlight and integral screw-in), LED must be on qualified equipment list	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
LED Fixture - Retrofit - Recessed Downlight - ID	Recessed Downlight LED Fixture, LED must be on qualified equipment list	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:LED	**Non-Residential Small Business**				
LED Fixture - Retrofit - SBL - Recessed Downlight - ID	Must replace existing incandescent or fluorescent, LED must be listed on qualified equipment list	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:Non-eligible fixture	**Non-Residential**				
Non-eligible fixture - Retrofit - ID	Any installed fixture not eligible for incentives, but that	11/13/2014	RMP Calculation	Savings vary by install	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
	contributes to reported project savings.			configuration	
General Illuminance:Pulse Start Metal Halide (PSMH)	**Non-Residential**				
Pulse Start Metal Halide (PSMH) - Retrofit - Electronic Ballast - ID	Pulse Start Metal Halide Ballast, must be used in place of or replace a magnetic ballast	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Pulse Start Metal Halide (PSMH) - Retrofit - Fixture - ID	Pulse Start Metal Halide Fixture, wattages > 500 W	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:T5 Fluorescent	**Non-Residential**				
T5 Fluorescent Lamp - Retrofit - Continuous Operation - ID	4' Nominal High Output Lamp installed in a continuous operation application	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T5 Fluorescent Lamp - Retrofit - High Bay - < 6 lamp fixture - ID	Fixture with less than six (6) lamps: 4' T5HO lamp. Must replace T12HO/VHO, Incandescent or HID	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T5 Fluorescent Lamp - Retrofit - High Bay - >= 6 lamp fixture - ID	Fixture with six (6) or more lamps: 4' T5HO lamp. Must replace T12HO/VHO, Incandescent or HID	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T5 Fluorescent Lamp - Retrofit - Relamp - ID	Lamp wattage reduction >= 3 Watts, No ballast retrofit	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T5 Fluorescent Lamp - Retrofit - Standard - ID	4' Nominal Lamp <= 28 Watts, Ballast Factor <= 1.0	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:T5 Fluorescent	**Non-Residential Small Business**				
T5 Fluorescent Fixture - Retrofit - SBL - High Bay - < 6 lamp fixture - ID	Fixture with less than six (6) lamps: 4' T5HO lamp. Must replace T12HO/VHO, Incandescent or HID	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T5 Fluorescent Fixture - Retrofit - SBL - High Bay - >= 6 lamp fixture - ID	Fixture with six (6) or more lamps: 4' T5HO lamp. Must replace T12HO/VHO, Incandescent or HID	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T5 Fluorescent Fixture - SBL - Retrofit - Standard - ID	4' Nominal Lamp <= 28 Watts, Ballast Factor <= 1.0	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T5 Fluorescent Lamp - SBL - Retrofit - Relamp - ID	Lamp wattage reduction >= 3 Watts, No ballast retrofit	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:T8 Fluorescent	**Non-Residential**				
T8 Fluorescent Lamp - Retrofit - CEE High Performance - ID	4' CEE Qualified High Performance Lamp and CEE Qualified Ballast included on qualified ballast list	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Lamp - Retrofit - CEE Reduced Wattage - ID	4' CEE Qualified Reduced Wattage Lamp and CEE Qualified Ballast included on qualified ballast list	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Lamp - Retrofit - Continuous Operation - ID	4' CEE Qualified Reduced Wattage or High Performance Lamp and CEE Qualified Ballast included on qualified list installed in a continuous operation application.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Lamp - Retrofit - High Bay - < 6 lamp fixture - ID	High bay fixture with less than six (6) lamps: 4' CEE Qualified High Performance Lamp. Must replace T12HO/VHO, Incandescent, or HID.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Lamp - Retrofit - High Bay - >= 6 lamp fixture - ID	High bay fixture with six (6) or more lamps: 4' CEE Qualified High Performance Lamp. Must replace T12HO/VHO, Incandescent, or HID.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Lamp - Retrofit - Premium - Delamp - ID	4' CEE Qualified Reduced Wattage or High Performance Lamp and CEE Qualified Ballast. Must remove one or	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
	more lamps. To delamp an existing fixture, the lamp and all corresponding sockets must be permanently disabled.				
T8 Fluorescent Lamp - Retrofit - Relamp - ID	Lamp wattage reduction >= 3 Watts, No ballast retrofit	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
General Illuminance:T8 Fluorescent	**Non-Residential Small Business**				
T8 Fluorescent Fixture - SBL - Retrofit - 8' T12 Conversion - ID	8' T12 to (2) 4' CEE Qualified Reduced Wattage or High Performance T8 Lamps and CEE Qualified Ballast	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Fixture - SBL - Retrofit - CEE Premium - ID	4' CEE Qualified Reduced Wattage Lamp and CEE Qualified Ballast included on qualified ballast list	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Fixture - SBL - Retrofit - Delamp - ID	4' CEE Qualified Reduced Wattage or High Performance Lamp and CEE Qualified Ballast. Must remove one or more lamps. To delamp an existing fixture, the lamp and all corresponding sockets must be permanently disabled.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Fixture - SBL - Retrofit - High Bay - < 6 lamp fixture - ID	High bay fixture with less than six (6) lamps: 4' CEE Qualified High Performance Lamp. Must replace T12HO/VHO, Incandescent, or HID.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Fixture - SBL - Retrofit - High Bay - >= 6 lamp fixture - ID	High bay fixture with six (6) or more lamps: 4' CEE Qualified High Performance Lamp. Must replace T12HO/VHO, Incandescent, or HID.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
T8 Fluorescent Lamp - SBL - Retrofit - Relamp - ID	Lamp wattage reduction >= 3 Watts, No ballast retrofit	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Lighting:Interior Lighting	**Non-Residential**				
Interior Lighting and Lighting Control - NCMR - ID	Offers prescriptive and/or custom incentives for qualifying lighting equipment	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Lighting:Package Lighting	**Non-Residential**				
Package Lighting NCMR - ID	Offers prescriptive and/or custom incentives for qualifying lighting equipment	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Package Lighting Retrofit - ID	Offers prescriptive and/or custom incentives for qualifying lighting equipment	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Non-General Illuminance:Custom	**Non-Residential**				
Non General Illuminance Lighting - Retrofit - Custom - ID	Custom Non-General Illumination Lighting, fixture or lamp not listed in tariff incentive tables	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Non-General Illuminance:LED	**Non-Residential**				
LED Channel Letter Sign - Retrofit - ID	LED replacing existing neon or fluorescent lamps in a channel letter sign	11/13/2014	RMP Deemed	17	Linear ft.
LED Exit Sign - Retrofit - ID	LED or photoluminecent exit sign replacing incandescent of fluorescent exit sign	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
LED Marquee/Cabinet Sign - Retrofit - ID	LED replacing existing fluorescent lighting in a marquee or cabinet sign	11/13/2014	RMP Deemed	21	Linear ft.
LED Message Center Sign - Retrofit - ID	LED replacing existing incandescent lamps in a message	11/13/2014	RMP Deemed	47	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
	center sign				
Non-General Illuminance:LED	**Non-Residential Small Business**				
LED Exit Sign - SBL - Retrofit - ID	Must replace existing incandescent or fluorescent	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Measure Category : Motors					
Electronically Commutated Motor:Electronically Commutated	**Non-Residential**				
Electronically Commutated Motor: < 1 horsepower: HVAC application - ID	Electronically Commutated Motor (ECM) used in an HVAC application	11/13/2014	RMP Deemed	2,895	Hp
Electronically Commutated Motor: < 1 horsepower: Refrigeration application - ID	Electronically Commutated Motor (ECM) used in a refrigeration application	11/13/2014	RMP Deemed	9.3	Watt
Green Motor Rewinds:Green Motor Rewinds (Agriculture)	**Non-Residential Agriculture**				
Green Motor Rewinds (Agriculture): 100 hp - ID	100 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,040	Measure
Green Motor Rewinds (Agriculture): 1000 hp - ID	1000 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	10,192	Measure
Green Motor Rewinds (Agriculture): 125 hp - ID	125 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,157	Measure
Green Motor Rewinds (Agriculture): 1250 hp - ID	1250 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	10,590	Measure
Green Motor Rewinds (Agriculture): 15 hp - ID	15 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	317	Measure
Green Motor Rewinds (Agriculture): 150 hp - ID	150 hpGreen Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,376	Measure
Green Motor Rewinds (Agriculture): 1500 hp - ID	1500 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	12,681	Measure
Green Motor Rewinds (Agriculture): 1750 hp - ID	1750 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	14,732	Measure
Green Motor Rewinds (Agriculture): 20 hp - ID	20 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	425	Measure
Green Motor Rewinds (Agriculture): 200 hp - ID	200 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,821	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Green Motor Rewinds (Agriculture): 2000 hp - ID	2000 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	16,766	Measure
Green Motor Rewinds (Agriculture): 2250 hp - ID	2250 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	18,744	Measure
Green Motor Rewinds (Agriculture): 25 hp - ID	25 hpGreen Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	595	Measure
Green Motor Rewinds (Agriculture): 250 hp - ID	250 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	2,823	Measure
Green Motor Rewinds (Agriculture): 2500 hp - ID	2500 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	20,783	Measure
Green Motor Rewinds (Agriculture): 30 hp - ID	30 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	640	Measure
Green Motor Rewinds (Agriculture): 300 hp - ID	300 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	3,370	Measure
Green Motor Rewinds (Agriculture): 3000 hp - ID	3000 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	24,784	Measure
Green Motor Rewinds (Agriculture): 350 hp - ID	350 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	3,929	Measure
Green Motor Rewinds (Agriculture): 3500 hp - ID	3500 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	28,854	Measure
Green Motor Rewinds (Agriculture): 40 hp - ID	40 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	746	Measure
Green Motor Rewinds (Agriculture): 400 hp - ID	400 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	4,456	Measure
Green Motor Rewinds (Agriculture): 4000 hp - ID	4000 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	32,976	Measure
Green Motor Rewinds (Agriculture): 450 hp - ID	450 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	5,003	Measure
Green Motor Rewinds (Agriculture): 4500 hp - ID	4500 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency	11/13/2014	RTF Deemed	37,021	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
	using controlled rewind process				
Green Motor Rewinds (Agriculture): 50 hp - ID	50 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	802	Measure
Green Motor Rewinds (Agriculture): 500 hp - ID	500 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	5,567	Measure
Green Motor Rewinds (Agriculture): 5000 hp - ID	5000 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	41,049	Measure
Green Motor Rewinds (Agriculture): 60 hp - ID	60 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	765	Measure
Green Motor Rewinds (Agriculture): 600 hp - ID	600 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	6,193	Measure
Green Motor Rewinds (Agriculture): 700 hp - ID	700 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	7,195	Measure
Green Motor Rewinds (Agriculture): 75 hp - ID	75 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	788	Measure
Green Motor Rewinds (Agriculture): 800 hp - ID	800 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	8,205	Measure
Green Motor Rewinds (Agriculture): 900 hp - ID	900 hp Green Motor Rewind for motor used in agriculture, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	9,211	Measure
Green Motor Rewinds:Green Motor Rewinds (Industrial)	**Non-Residential Industrial**				
Green Motor Rewinds (Industrial): 100 hp - ID	100 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	2,005	Measure
Green Motor Rewinds (Industrial): 1000 hp - ID	1000 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	24,172	Measure
Green Motor Rewinds (Industrial): 125 hp - ID	125 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	2,598	Measure
Green Motor Rewinds (Industrial): 1250 hp - ID	1250 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	29,973	Measure
Green Motor Rewinds (Industrial): 15 hp - ID	15 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible	11/13/2014	RTF Deemed	601	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
	efficiency using controlled rewind process				
Green Motor Rewinds (Industrial): 150 hp - ID	150 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	3,089	Measure
Green Motor Rewinds (Industrial): 1500 hp - ID	1500 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	35,891	Measure
Green Motor Rewinds (Industrial): 1750 hp - ID	1750 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	41,697	Measure
Green Motor Rewinds (Industrial): 20 hp - ID	20 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	804	Measure
Green Motor Rewinds (Industrial): 200 hp - ID	200 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	4,088	Measure
Green Motor Rewinds (Industrial): 2000 hp - ID	2000 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	47,454	Measure
Green Motor Rewinds (Industrial): 2250 hp - ID	2250 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	53,051	Measure
Green Motor Rewinds (Industrial): 25 hp - ID	25 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,052	Measure
Green Motor Rewinds (Industrial): 250 hp - ID	250 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	4,972	Measure
Green Motor Rewinds (Industrial): 2500 hp - ID	2500 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	58,823	Measure
Green Motor Rewinds (Industrial): 30 hp - ID	30 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,133	Measure
Green Motor Rewinds (Industrial): 300 hp - ID	300 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	5,935	Measure
Green Motor Rewinds (Industrial): 3000 hp - ID	3000 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	70,147	Measure
Green Motor Rewinds (Industrial): 350 hp - ID	350 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	6,919	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
Green Motor Rewinds (Industrial): 3500 hp - ID	3500 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	81,667	Measure
Green Motor Rewinds (Industrial): 40 hp - ID	40 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,319	Measure
Green Motor Rewinds (Industrial): 400 hp - ID	400 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	7,848	Measure
Green Motor Rewinds (Industrial): 4000 hp - ID	4000 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	93,334	Measure
Green Motor Rewinds (Industrial): 450 hp - ID	450 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	8,811	Measure
Green Motor Rewinds (Industrial): 4500 hp - ID	4500 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	104,783	Measure
Green Motor Rewinds (Industrial): 50 hp - ID	50 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,418	Measure
Green Motor Rewinds (Industrial): 500 hp - ID	500 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	9,804	Measure
Green Motor Rewinds (Industrial): 5000 hp - ID	5000 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	116,183	Measure
Green Motor Rewinds (Industrial): 60 hp - ID	60 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,476	Measure
Green Motor Rewinds (Industrial): 600 hp - ID	600 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	14,689	Measure
Green Motor Rewinds (Industrial): 700 hp - ID	700 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	17,065	Measure
Green Motor Rewinds (Industrial): 75 hp - ID	75 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	1,519	Measure
Green Motor Rewinds (Industrial): 800 hp - ID	800 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible efficiency using controlled rewind process	11/13/2014	RTF Deemed	19,461	Measure
Green Motor Rewinds (Industrial): 900 hp - ID	900 hp Green Motor Rewind for motor used in an industrial application, returning motor to best possible	11/13/2014	RTF Deemed	21,847	Measure

		Effective Date	Energy Savings Calculation method	Gross incremental annual electric savings (kWh/yr)	Savings unit
Program : wattsmart Business					
	efficiency using controlled rewind process				
Measure Category : Refrigeration					
Controls:Adaptive Refrigeration Controller	**Non-Residential**				
Adaptive Refrigeration Controller (Retrofit) - ID	Replace conventional controls with adaptive controls and, in some instances, electric expansion valves.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Fast Acting Door:Fast Acting Door	**Non-Residential**				
Fast Acting Door (Retrofit) - ID	Replace manually operated door, automatic door with long cycle time, strip curtain, or entryway with no door with fast acting door.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific
Measure Category : Wastewater					
Wastewater:Aeration	**Non-Residential**				
Extended Range Circulator (Retrofit) - ID	Address excess aeration with extended range circulator.	11/13/2014	RMP Calculation	Savings vary by install configuration	Site-specific