

# Rocky Mountain Region Region Wide Purchase of Energy /Water Conservation Items

The region purchased these conservation items for units so that the units did not have to purchase the items themselves. It allowed each unit to do more in the way of energy and water conservation. It is a small step but a very important one.

## Lighting



The Energy Saving Bulb (ESB) is a miniature spiral fluorescent lamp with a 10,000 hour lamp life and has an Energy Star® Rating. This energy saving compact fluorescent lamp is produced for the energy services professional involved in residential lighting retrofits.



Energy efficient lighting has never been more economical, reliable and compact in size. features include: Excellent color rendering and light distribution, Flicker free, Instant start, More compact with high lumen efficiency.



Exit signs operate 24 hours per day. Environmentally friendly Light-Emitting Diode (LED) exit lighting save money and help protect the environment through energy efficiency. Exit signs using LED's typically use over 10 times less energy than those with incandescent bulbs and cost less than \$4.00 annually to operate. LED's can last up to 10 years with no bulb change-outs.



Reducing lighting electricity usage reduces your energy cost. Occupancy or vacancy sensors are devices that turn lights and other equipment on or off in response to the presence of people in a defined area.

Item	Quantity of Units	Region wide Estimated Energy Savings (kwh/yr)	Estimated Savings
Energy Saving Bulb	20	175.2	\$784.37
miniature compact fluorescent lamps	15	131.4	\$481.32
miniature compact fluorescent lamps	10	87.6	\$392.19
Exit signs	16	35	\$410.26
Occupancy sensors	43	470	\$1,645.09
Smart Strip	44	280	\$372.49
		<b>Total Energy (kwh/yr) 1179.2</b>	<b>Total Estimated Per year \$4085.71</b>
			<b>Total Cost for Items \$3204.75</b>

## Water

### Electrical



The Smart Strip Power Strip features advanced circuitry that not only offers excellent power surge protection and line noise filtering, but is actually able to 'sense' the flow of electrical current through the strip's control outlet. The Smart Strip can turn off selected equipment when its not in use -- creating benefit that no other power strip on the market today can offer.

Item	Quantity of Units	Region wide Estimated Water Savings (gal/yr)	Estimated Savings
Swivel Laminar Flow Aerator	63	2920	\$551.88
One Touch Tap Saver	6	1606	\$10.51
Dual Spray Swivel Aerator	24	1606	\$42.05
Spoiler-P Showerhead	10	7300	\$328.50
Spoiler-P Showerhead	23	7300	\$755.55
Toilet Tummy	20	9855	\$109.50
		<b>Total Water (gal/yr) 30587</b>	<b>Total Estimated Per year \$1797.99</b>
			<b>Total Cost for Items \$510.59</b>



The new Spoiler-P Showerhead has an exceeds national efficiency standards. The Spoiler-P has an internal pressure compensator that can not be removed, which ensures uniform performance regardless of water pressure..



The One Touch Tap Saver increases water pressure and reduces the amount of water used. This highly water efficient faucet aerator is equipped with a fingertip control lever to temporarily reduce the flow of water, without disturbing the original temperature setting.



The easy to install Dual Spray Swivel Aerator lets you direct the water flow where it's needed for washing and rinsing dishes, food or your sink faster and more conveniently



The Swivel Laminar Flow Aerator is a non-aerating faucet aerator. The Swivel Laminar Flow Aerator leads to greater water efficiency, water reduction, and water conservation.



The Toilet Tummy™ is a durable, low cost, user friendly toilet tank water saver that can be used to tune up water wasting toilets and make them more of a water saving, efficient toilet.

## Recycling



Recycling Kit, Dry Cell Batteries, Container Size 3.5 Gallon Pail, For Use With For Use With Miscellaneous Sized Batteries That Contain Toxic Materials, Not For Sale In AK, ME, HI, PR, Capacity Maximum 50 Lb. Includes Containers, Pre-printed Address Labels, Waste Pickup, Transportation, Recycling Costs and Certificate of Reclamation



Lamp Recycling Box, Length 48 1/2 Inches, Depth 8 1/2 Inches, Width 9 1/2 Inches, For Use With 4 Feet Fluorescent Lamps, Holds 30 T-12, 60 T-8, Includes Container, Preprinted Address Labels, Waste Pickup, Transportation, Recycling, And Certificate Of Reclamation



Ballast Recycling Kit, Length 15 Inches, Width 12 Inches, For Use With Miscellaneous Sized Ballasts That Contain Toxic Materials Such As Pcb And Dehp, 5 Gallons, 50 Pound Maximum, Includes Container, Preprinted Address Labels, Waste Pickup, Transportation, Recycling, And Certificate Of Reclamation



Recycling Lamp Kit, Length 15 Inches, Width 12 Inches, For Use With Mixed Lamps, 5 Gallons Mixed Bucket, 50 Pound Maximum, Includes Container, Preprinted Address Labels, Waste Pickup, Transportation, Recycling, And Certificate Of Reclamation

Recycling: The recycling of lamps and batteries does not result in any savings of money. The benefits thou of recycling these items can be seen in the reduction of toxic metals in landfills, and consumption of raw materials. These benefits can also be seen by future generations.

Information was provided by:  
Energy Information Administration  
[http://www.eia.doe.gov/emeu/rep/nduse/er01\\_us\\_tab1.html](http://www.eia.doe.gov/emeu/rep/nduse/er01_us_tab1.html)  
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