Energy Savings Ideas for Lodging

Seattle City Light
Conservation Resources Division:
“A Conservation Power Plant”
Energy Savings Ideas for Lodging

- Lighting 54%
- Cooling 14%
- Refrig 7.3%
- Water Htg 5%
- Ventilation 3%
- Computer 2%
- Cooking 1%
- Heating 1%
- Office 1%

Misc 13%
Case Study - Lighting
Case Study - Lighting

Simple Pay Back = 12 months
ROI = 101%
Case Study - Lighting
Case Study – Guestroom Lighting

Simple Pay Back = 7 months
ROI = 183%
Case Study – Ballroom LED Lighting
Case Study – Ballroom LED Lighting

Simple Pay Back = 16 months
ROI = 73%
Case Study – Ballroom LED Lighting
Case Study – Ballroom LED Lighting

Simple Pay Back = 6.2 years
ROI = 16%
Case Study – Garage Lighting
Case Study – Garage Lighting

Simple Pay Back = 21 months
ROI = 56%
Case Study – Elevator LED Lighting
Case Study – Elevator LED Lighting

Simple Pay Back = 6 months
ROI = 196%
Case Study – Corridor LED Lighting
Case Study – Corridor LED Lighting

Simple Pay Back = 8 months
ROI = 146%
Case Study – Canopy Lighting
Case Study – Canopy Lighting

Simple Pay Back = 9 months
ROI = 131%
Case Study – Interior and Exterior LED Lighting
Case Study – Interior and Exterior LED Lighting

Simple Pay Back = 8 months
ROI = 155%
Case Study – Lighting Occupancy Sensors
Case Study – Lighting Occupancy Sensors

Simple Pay Back = 29 months
ROI = 41%
Case Study – Guestroom HVAC Controls
Case Study – Guestroom HVAC Controls

Simple Pay Back = 33 months
ROI = 36%
Case Study – Guestroom HVAC
Case Study – Guestroom HVAC

Simple Pay Back = 12 months
ROI = 100%
Case Study – Kitchen Ventilation
Case Study – Kitchen Ventilation

Simple Pay Back = 15 months
ROI = 83%
Case Study – Garage Ventilation
Case Study – Garage Ventilation

Simple Pay Back = 6.5 months
ROI = 184%
Case Study – Heat Recovery Wheels
Case Study – Heat Recovery Wheels

Simple Pay Back = 2.7 years
ROI = 38%
Other Ideas – Laundry Water Recycling
Other Ideas – Domestic Water Pumping
Other Ideas – Cooling Towers
Energy Savings Ideas for Lodging

1. Lighting and Lighting Controls
2. Cooling
3. Refrigeration
4. Pumps
5. Water Heating
6. Ventilation
7. Energy Management Systems
Energy Savings Ideas for Lodging

- Attract clients in
- Keep them happy
- Serve them for less
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- Attract clients in
- Keep them happy
- Serve them for less

... Improve net profits!

We can help
OUR VISION
To set the standard—to deliver the best customer service experience of any utility in the nation.

OUR MISSION
Seattle City Light is dedicated to exceeding our customers’ expectations in producing and delivering environmentally responsible, safe, low-cost and reliable power.

OUR VALUES
Excellence, Accountability, Trust and Stewardship.

John LeCompte
Seattle City Light
Conservation Resources Division
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