



Energy Smart Services

solutions &
incentives for
business

SECTION 2A

SIMPLE REBATES



- In order to make it as easy as possible for customers to participate, Seattle City Light offers **Simple Rebates** on two proven efficiency measures: **exit signs** and **occupancy sensors**.
- Customers need to get pre-approval from City Light before purchasing equipment, but the application process is easy, the technical requirements are few, and the incentive levels are set at a flat dollar amount. Despite the simplicity of the process, energy savings can be large for each unit installed.
- Since **exit signs** are on all day every day, energy and bill savings can really add up. New technologies have made great advances in energy efficiency, so switching to light emitting diode (LED) units instead of incandescent or even fluorescent lamps can produce significant energy savings.
- **Occupancy sensors** can be a good choice in areas only used for part of a given work day, such as individual offices, storage areas, and meeting rooms. They also save outside of normal work hours, since they turn off lights mistakenly left on at the end of the day that might go undetected for a long time.
- Simple rebates offer an easy way to use proven technologies to improve a building's energy efficiency, and a good place for customers to begin their energy conservation efforts.

Section 2A. Simple Rebates

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Simple Rebates

Simple rebates, available for exit signs and occupancy sensors, offer a flat per-unit funding amount for rapid funding calculations and easy inspections. As with other types of installation incentives, a pre-inspection and contract are required prior to equipment purchase, and payment is issued once the Energy Management Analyst has confirmed that the installed equipment is fully functional and meets the equipment selection requirements given below.

1. Calculation of Funding

Simple rebates are available in the following amounts:

- New exit sign fixtures: \$30 per sign
- Retrofit of existing exit signs: \$20 per sign
- Wall-mounted occupancy sensors: \$30 per sensor
- Ceiling-mounted occupancy sensors: \$90 per sensor

The streamlined *Funding Calculation Worksheet* can be downloaded from www.EnergySmartServices.com electronically. Examples of occupancy sensor and exit sign worksheets are shown below. For information about funding other lighting conservation measures, see Section 2B—*Standard Incentives for Lighting*.

2. Selecting the Right Applications and Equipment

Occupancy Sensors. Simple rebates are available for occupancy sensors installed anywhere in an existing building. In new construction, the rebate is available only for applications not already required by the Energy Code. The selected sensors must meet the following requirements:

- Occupancy control must have local manual on/off switch.
- Manual override must offer the ability to turn the lights off when the space is occupied, but must not offer the ability to turn the lights on when the space is unoccupied.
- Must be UL Approved.
- Provide customer with manufacturer's literature that explains how to calibrate the sensor if it has on-site calibration capability.

Exit Signs. Simple rebates are available for replacement of incandescent or fluorescent-lamped exit signs in existing buildings. The selected signs must meet the following requirements:

- Wattage not to exceed 5 watts (total for single or double face signs),
- Equipment shall be UL approved.
- Equipment shall have Energy Star Label.

3. Lighting Waste Disposal

Participant agrees to dispose of ballasts containing PCBs in accordance with Federal, State, and local regulations, including compliance with Environmental Protection Agency guidelines and the Toxic Substances Control Act. Discarded fixtures, lamps, and associated equipment must be removed from the project site and disposed of in compliance with Federal, State, and local regulations.

Prior to receiving the Seattle City Light payment, participants shall complete the Seattle City Light *Lighting Waste Disposal Form* attached to the contract. There are a number of public agencies and private firms that can assist with proper disposal of old fluorescent fixtures. King County Hazardous Waste provides financial assistance in some cases. For additional information concerning waste disposal requirements, please see the *Resource Directory* in this manual or check the program Web site at www.EnergySmartServices.com.

4. Steps to Participate in Simple Rebates

- 1) Customer completes and submits an Energy Smart Services Application for Service.
- 2) Customer or Trade Ally works with the Energy Management Analyst to ensure that the project qualifies as a Simple Rebate. Develops project scope of work and submits the Funding Calculation Form(s) and Contract Request Form. Does not purchase equipment until City Light approval is received.
- 3) Energy Management Analyst reviews and approves proposal.
- 4) An Energy Smart Services contract is drawn up, and two copies are sent to the customer. The customer signs both copies and returns them to City Light. Equipment may be ordered after the contract has been signed by Seattle City Light.
- 5) Customer signs a separate contract with a Trade Ally to install the equipment.
- 6) When the installation is complete, the customer signs the Project Summary Form indicating that the work is complete and schedules a site inspection with the Energy Management Analyst.
- 7) The Energy Management Analyst issues payment upon verification of contract compliance.

Seattle City Light / Energy Smart Services Funding Calculation Worksheet for Exit Sign Simple Rebates

Facility Name _____

Form Completed by _____

Date _____

(Complete the shaded areas only. The non-shaded areas are calculated and filled out automatically.)

I. EQUIPMENT SCHEDULE

Line #	Equip ID	Manufacturer / Model	New or Retrofit (enter N or R)	Quantity
1				
2				
3				
+Lines				
Click the button to add lines.			Total New Exit Signs:	
			Total Retrofitted Exit Signs:	
			Total:	

II. LOCATION

Line #	Equip. ID	Location (floor, room number)	New or Retrofit (enter N or R)	Quantity
1				
2				
3				
4				
5				
6				
+Lines				
Click the button to add lines.				

III. SAVINGS, REBATE & COST

Total Annual Energy Savings, kWh/yr	
Total SCL Rebate	
Cost, including WSST, materials and labor. (Filling out the cost information will not affect rebate amount.)	
Average cost per unit (automatically calculated).	

Notes:

- 1) The fixtures being replaced or retrofitted must be either incandescent or fluorescent.
- 2) The proposed exit signs: Must not exceed 5 watts per sign. Must be UL approved and have an Energy Star Label.
- 3) Seattle City Light estimates 212 kWh/yr savings for each exit sign replacement.
- 4) The Seattle City Light rebate is **\$20** for a retrofit kit and **\$30** for a new exit sign.
- 5) This form is not a guarantee of funding from Seattle City Light. That guarantee is only offered through a formal contract between the customer and Seattle City Light.

Seattle City Light / Energy Smart Services Funding Calculation Worksheet for Occupancy Sensor Simple Rebates

Facility Name _____ Form Completed by _____ Date _____

(Complete the shaded areas only. The non-shaded areas are calculated and filled out automatically.)

I. EQUIPMENT SCHEDULE

Line #	Equip ID	Manufacturer / Model	Wall or Ceiling Mount (enter W or C)	Quantity
1				
2				
3				
+ Lines				
Click the button to add lines.			Total Wall-Mounted Sensors:	
			Total Ceiling-Mounted Sensors:	
			Total:	

II. LOCATION

Line #	Equip. ID	Location (floor, room number)	Wall or Ceiling Mount (enter W or C)	Quantity
1				
2				
3				
4				
+Lines				
Click the button to add lines.				

III. SAVINGS, REBATE & COST

Total Annual Energy Savings, kWh/yr	
Total SCL Rebate Amount	
Cost, including WSST, materials and labor (Filling out the cost information will not affect rebate amount.)	
Average cost per unit (automatically calculated)	

Notes:

- 1) Funding is available only where occupancy sensors are **not** required by the Energy Code.
- 2) Occupancy sensors: Must be UL approved and have an override switch that can be used to turn the lights off when the space is occupied.
- 3) Seattle City Light estimates 211 kWh savings per year for each wall-mounted occupancy sensor and 702 kWh for ceiling-mounted sensor.
- 4) The Seattle City Light rebate is **\$30** per wall-mounted sensor and **\$90** per ceiling-mounted sensor.
- 5) This form is not a guarantee of funding from Seattle City light. That guarantee is only offered through a formal contract between the customer and Seattle City Light.
- 6) Contractor must provide customer with manufacturer's literature that explains how to calibrate the sensor if it has on-site calibration capability.