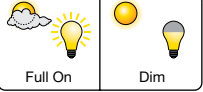
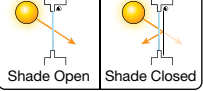
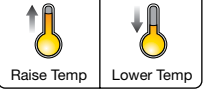
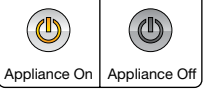
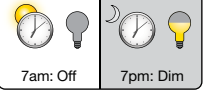



Lutron®—Energy Audit Worksheet

Residence: _____ Room: _____

	Description	Potential Savings	Selected
	<p>Dimming incandescent or halogen bulbs by 25% saves 20% electricity. Dim more and you'll save even more.</p>	<p>Save up to \$30 per year¹</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>Compact fluorescent light bulbs (CFLs) and LEDs already use less energy than standard bulbs, so dimming these highly efficient bulbs saves additional energy.</p>	<p>Save up to \$50 per year²</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>Occupancy sensing turns lights and standby power from electronic appliances off when a person leaves the space.</p>	<p>Occupancy sensors can save up to 20% on lighting energy costs³</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>Daylight sensors dim electric lights when daylight is available to light the space.</p>	<p>Dimming incandescent or halogen bulbs by 25% saves 20% electricity⁴</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>Controllable window shades reduce heating costs in winter and cooling costs in summer.</p>	<p>Adjusting shades can save 10-30% on HVAC costs⁵</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>Temperature control automatically sets back the temperature when heating or cooling a room, so you use less electricity.</p>	<p>Regulating temperature can save up to 16% on HVAC costs⁶</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>Appliance control turns off standby power to electronic appliances when you're not using them.</p>	<p>Eliminating standby power can save up to 10% on electricity costs⁷</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>The "All Off" button turns all lights off with a single touch.</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>Scheduling can dim or turn off lights and standby power from electronic appliances when they're not needed, as well as set back the temperature when not as much heating or cooling is needed.</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>The "Green" button reduces energy use from lights, shades, and heating/cooling systems with a single touch.</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No

The National Association of Home Builders (NAHB) Green Standard is a rating system that allows residential builders to achieve different levels of sustainable “green” building incorporating energy savings of 60% or more.



Chapter Seven - Energy Efficiency

Our solutions have the ability to qualify for up to 5 of the 30 required points for the chapter (16%).

704.2.3 Lighting & appliances: Occupancy & motion sensors

Occupancy sensors are installed on indoor lights. Photo or motion sensors are installed on outdoor lights.

25% of lighting 2 points
50% of lighting 4 points



Radio Power Savr™



Maestro® dimmer

Lutron qualifying products		
Chapter	Model numbers	
704.2.3	Occ/vac sensor	LRF2-OCRB-P-WH
704.2.7	Vacancy sensor only	LRF2-VCRB-P-WH
	Compatible dimmer	MRF2-600M-XX
	Compatible switch	MRF2-6ANS-XX

704.2.7 Lighting & appliances: Occupancy sensors – hard wired lighting outlets

Occupancy sensors are installed for a minimum of 80% of hard wired lighting outlets.

Conditions met 1 point



Maestro dimmer with sensor



Maestro switch with sensor

Lutron qualifying products		
Chapter	Model numbers	
704.2.3	Dimmers occ/vac	MS-OP600M-XX
704.2.7	Vacancy only	MS-VP600M-XX
	Switches occ/vac	MS-OPS5AM-XX
	Vacancy only	MS-VPS5AM-XX

Chapter Nine - Indoor Environmental Quality

Our solutions have the ability to qualify for up to 9 of the 36 required points for the chapter (25%).

902.1.2 Spot ventilation

Bathroom and/or laundry exhaust fans provided with an automatic time and/or humidistat.

1 device installed 5 points
2 devices installed 7 points
3 or more devices installed 9 points



Maestro eco-timer™

Lutron qualifying product		
Chapter	Model numbers	
902.1.2	Maestro eco-timer	MA-T530G-XX

¹ Savings based on replacing a switch with a Lutron dimmer. Actual savings may vary depending on use and application. Typical residential savings are estimated to be \$8 per year. Stated savings of \$30 based on dimming (5) 65 W incandescent reflector lamps (rated at 1500 hours each, costing \$1.75 per lamp or (5) 3000 hour halogen bulbs costing \$3.35 per lamp) for 5 hours per day with electricity cost of \$0.1176/kWh. \$30 savings further assumes lamps are dimmed to 50% perceived light level, corresponding to 40% reduction in power level. For further details and to calculate your own savings, visit www.lutron.com/energy.

² Savings based on replacing a switch with a Lutron CFL/LED dimmer and replacing your incandescent bulbs with dimmable CFLs. Actual savings may vary depending on use and application. A high percentage of the savings derive from switching from the incandescent to the CFL. Typical residential savings are estimated to be \$22 per year. Stated savings of \$50 based on replacing (5) 65 W incandescent reflector lamps (rated at 1,500 hours each, costing \$1.75 per lamp or (5) 3,000 hour halogen bulbs costing \$3.35 per lamp) with (5) 16 W CFL reflector lamps (rated at 8,000 hours each, costing \$11.49 per lamp) and dimming for 5 hrs per day with electricity cost of \$0.1176/kWh. \$50 savings further assumes lamps are dimmed to 50% perceived light level, corresponding to 40% reduction in power level.

³ Impact Analysis: 2005 Update to the California Energy Efficiency Standards for Residential and Nonresidential Buildings; California Energy Commission.

⁴ www.lutron.com, 20% savings claim (PDF)

⁵ Lutron commissioned simulation by T.C. Chan Center for Building Simulation and Energy Studies, University of Pennsylvania, September 2008.

⁶ www.energystar.gov/

⁷ www.standby.lbl.gov