

## Central Electric Cooperative - Retrofit Commercial Lighting Incentives

Existing Equipment	Measure Description	Incentive Per Unit	Number of Units	Total by Measure
T12 Fluorescent,  T8 De-Lamp,  Incandescent,  or  Mercury Vapor	<b>A High Performance T8 or T5 Lamp and Ballast (New or Retrofit)</b>			
	<i>Includes T8 &amp; NLO T5, 2' to 8' lamps: Ballast: PF ≥ 95%, THD ≤ 20%. Lamp: Lumen Maint. ≥ 94%, CRI ≥ 80, lamp life ≥ 24,000 hours, Initial System Lumens/Watt ≥ 95. Note: All lamps and ballasts on CEE's High Performance products list qualify. Refer to the following link: <a href="http://www.cee1.org/">http://www.cee1.org/</a></i>			
	1 Upgrade to 1 lamp with high performance electronic ballast	\$20		
	2 Upgrade to 2 - 4 lamps with high performance electronic ballast	\$40		
Incandescent  or  Mercury Vapor	<b>B Standard T8 or T5 Lamp and Ballast (New or Retrofit)</b>			
	<i>Includes T8 and T5, 2' to 8' lamps. Ballast: PF ≥ 90%, THD ≤ 20%. Lamp: Lumen Maint. ≥ 90%, CRI ≥ 80, 4' lamp life ≥ 20,000 hours, Initial System Lumens/Watt ≥ 80.</i>			
	1 Upgrade to 1 lamp with standard electronic ballast	\$10		
	2 Upgrade to 2 - 4 lamps with standard electronic ballast	\$20		
Incandescent  or  Mercury Vapor  or  HO/VHO T12  or  HPS / LPS	<b>C Hardwired Compact Fluorescent (New Fixture or Retrofit kit)</b>			
	<i>Includes both typical hardwired (any shape) or GU-24 base, See Energy Star for guidance, CRI ≥ 80.</i>			
	1 49 Watts or less (Nominal Lamp Watts)	\$40		
	2 50 or more Watts (Nominal Lamp Watts)	\$80		
	<b>D Ceramic Metal Halide (New Fixture)</b>			
	<i>CRI ≥ 80, lamp life ≥ 10,000 hours.</i>			
	1 99 Watts or less (Nominal Lamp Watts)	\$80		
	2 100 or more Watts (Nominal Lamp Watts)	\$150		
	<b>E Screw-in Lamps (Lamp Only)</b>			
	<i>Energy Star compliant where applicable. Includes CFL and Cold Cathode.</i>			
1 CFL or Cold Cathode - 1 to 24 Watts	\$3			
2 CFL or Cold Cathode - 25 to 45 Watts	\$6			
3 CFL or Cold Cathode - over 45 watts	\$12			
or  HPS / LPS	<b>F LED or Cold Cathode (New Fixture or Retrofit kit)</b>			
	<i>Energy Star compliant where applicable. F2 includes the LR-6 type kit or equivalent.</i>			
	1 Upgrade incandescent sign to LED or cold cathode	\$50		
	2 Upgrade incandescent recessed cans or track heads to LED	\$30		
HPS / LPS	<b>G Induction (New Fixture)</b>			
	<i>Lamp Life ≥ 60,000 hours, CRI ≥ 80, can include retrofit kit that has been bench tested.</i>			
	1 99 Watts or less (Nominal Lamp Watts)	\$80		
	2 100 or more Watts (Nominal Lamp Watts)	\$150		
HO/VHO T12  or  MV / HPS / LPS  or  Probe-Start  Metal Halide  or  Incandescent	<b>H High Output (high-bay) Fluorescent (New Fixture)</b>			
	<i>Includes T8, T5, bi-ax T5; 1'-8'. Ballast: PF ≥ 90%, THD ≤ 20%. Lamp: Lumen Maint. ≥ 90%, CRI ≥ 80, lamp life ≥ 18,000 hours, Initial System Lumens/Watt ≥ 80.</i>			
	1 40 to 129 Watts (1-2 lamp T5) or equivalent T8	\$120		
	2 130 to 189 Watts (3 lamp T5) or equivalent T8	\$140		
	3 190 to 249 Watts (4 lamp T5) or equivalent T8	\$160		
	4 250 Watts and above (5 - 12 lamp T5) or equivalent T8	\$180		
	<b>I Pulse-Start or Electronic Metal Halide (New Fixture)</b>			
	<i>Lamp Life ≥ 20,000 hours, Lumen Maint. ≥ 75%, CRI ≥ 65, Initial System Lumens/Watt ≥ 89.</i>			
1 200 to 399 Watts (Nominal Lamp Watts)	\$150			
2 400 Watts and above (Nominal Lamp Watts)	\$200			
Manual Control	<b>J Occupancy Sensors, Timers, Photocells, and Control Panels</b>			
	<i>Includes infrared, ultrasonic, &amp; dual-technology sensors and/or Timers, Photocells, and Control Panels.</i>			
	1 50 to 200 Watts controlled	\$35		
2 over 200 Watts controlled	\$60			
8' T12 HO/VHO  4' HO de-lamp	<b>K Retrofit High Output Fixtures with T8 Lamps &amp; Ballasts</b>			
	<i>Includes lamp/ballast retrofits &amp; kits; Ballast: PF ≥ 90%, THD ≤ 20%. Lamp: 8' or 4' T8 Slimline or HO. Lumen Maint. ≥ 90%, CRI ≥ 80, lamp life ≥ 18,000 hours, Initial System Lumens/Watt ≥ 80.</i>			
	1 1 T8 8' lamp and standard electronic ballast	\$40		
2 (2 to 8) 4' T8 lamps and standard electronic ballast	\$80			
8' T12  VHO	<b>L Retrofit Very High Output Fixtures with T5 Lamps &amp; Ballasts</b>			
	<i>Includes lamp/ballast retrofits only; Ballast: PF ≥ 90%, THD ≤ 20%. Lamp: 4' T5 HO. Lumen Maint. ≥ 90%, CRI ≥ 80, lamp life ≥ 20,000 hours, Initial System Lumens/Watt ≥ 80.</i>			
	1 2 T5 lamps and high output ballast	\$50		
2 3 to 4 T5 lamps and high output ballast	\$100			
Any existing  condition	<b>M Other "one time" measure with pre-approval from BPA</b>			
	<i>Includes lighting measures that are not on the above list (A-L). One-time deemed credit/reimbursement can be given to measures that receive pre-approval from BPA.</i>			
	1 Put measure description here and deemed value in next cell>>			
2 Put measure description here and deemed value in next cell>>				

**Central Electric Cooperative**  
**New Construction Lighting Program**  
**Program Offer of Incentive Levels**

Code	New Fixture/Sensor Description	Incentive Per Unit**
<b>A. High-Performance T8 Fluorescent Lamps and Electronic Ballast in a New Fixture</b>		
	The fixture shall include a High Performance 48" T8 lamp and ballast system listed on the CEE qualifying products list. Refer to this link: <a href="http://www.cee1.org/com/com-lt/com-lt-prod.pdf">http://www.cee1.org/com/com-lt/com-lt-prod.pdf</a>	
1	Upgrade any fluorescent fixture to High Performance	<b>\$10</b>
<b>B. High-Bay T8 or T5 Fluorescent Fixture</b>		
	T5 fixture must have 3 or more lamps, T8 fixture must have 4 or more lamps. Fixture must be installed in a high bay area with a minimum mounting height of 15'.	
1	T8 or T5 New "High Bay" Fixture	<b>\$50</b>
<b>C. Sensor or Timer Control of Fluorescent</b>		
	Sensors required by code are not eligible.	
1	Controls a minimum of 120 watt connected load.	<b>\$30</b>
<b>D. Stairwell Fluorescent Fixture</b>		
	Fixture must be specifically designed for stairwell lighting.	
1	Bi-level fixture with occupancy sensor control	<b>\$50</b>
<b>E. Ceramic Metal Halide (hard-wired)</b>		
	Hard-wired new recessed can or track heads (cans). Incentive is per lamp, i.e. per track head.	
1	20 to 100 Watts (Nominal Lamp Watts)	<b>\$40</b>
2	101 to 400 Watts (Nominal Lamp Watts)	<b>\$50</b>

\* Note: Applies to lighting systems in Commercial, Industrial & Agricultural New Construction facilities.  
For instance: all commercial & industrial facilities. Plus; wineries; potato storage sheds, pump houses, office space, and other on-farm facilities.

\*\* Note: More than one measure can be claimed per fixture.  
For example: a high-bay T8 fixture could receive a high-performance, high-bay and sensor incentive for each fixture.