

## Program Offering for Existing Building Projects

Existing Equipment	Installation Type	Measure Description		Incentive Per Unit
<b>A High-performance (HP) T8 or NLO T5 Lamp and Ballast</b>				
<i>Includes HPT8, low-wattage T8 &amp; NLO T5, 2' to 8' lamps: Ballast: PF ≥95%, THD ≤20%. Lamp: Lumen Maint. ≥93%, CRI ≥80, lamp life ≥24,000 hours, initial system lumens/watt ≥95 (for 5000K+ lamps ≥ 93). Note: All lamps and ballasts on CEE's high-performance products list qualify. All NEMA premium ballasts qualify.</i>				
T12	New Fixture, Retrofit	A1	Upgrade to 1 lamp with high-performance electronic ballast	\$25
		A11	1 HP lamp with HP electronic ballast and either a) low-ballast factor ballast (BF<0.8) or b) low-wattage lamps (≤28 watts)	\$30
		A2	Upgrade to 2–4 lamps with high-performance electronic ballast	\$50
		A21	2–4 HP lamps with HP electronic ballast and either a) low-ballast factor ballasts (BF<0.8) or b) low-wattage lamps (≤28 watts)	\$55
		A3	HP lamps with HP electronic ballast with delamping from a T-12 baseline (proposed fixture must have minimum 1 fewer lamp than existing)	\$65
Standard T8	New Fixture, Retrofit	A31	T8 HP lamps with HP electronic ballast with delamping from a T-8 baseline (proposed fixture must have minimum 1 fewer lamp than existing)	\$30
<b>B Standard T8 or T5 Lamp and Ballast</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>				
T12	New Fixture, Retrofit	B1	Upgrade to 1 lamp with standard electronic ballast	\$10
		B2	Upgrade to 2–4 lamps with standard electronic ballast	\$20
<b>C Hardwired Compact Fluorescent</b>				
<i>Includes both typical hardwired (any shape) or GU-24 base, See Energy Star for guidance, CRI ≥80</i>				
T12 HO/VHO, I, MV, MH, HPS, LPS	New Fixture, Retrofit	C1	49 watts or less with electronic ballast	\$40
		C2	50 or more watts with electronic ballast	\$80
<b>D Ceramic Metal Halide</b>				
<i>CRI ≥80, lamp life ≥10,000 hours</i>				
T12 HO/VHO, I, MV, MH, HPS, LPS	New Fixture	D1	99 watts or less	\$80
		D2	100 or more watts	\$150
<b>E Screw-in Lamps</b>				
<i>Energy Star compliant where applicable.</i>				
T12 HO/VHO, I, MV, MH, HPS, LPS	Retrofit	E1	CFL or cold-cathode - 1 to 24 watts	\$3
		E2	CFL or cold-cathode - 25 to 45 watts	\$6
		E3	CFL or cold-cathode - over 45 watts	\$12
		E4	Dimmable or flashable cold-cathode - 3 to 25 watts	\$15
		E5	Ceramic metal-halide (CMH) display light - 20 to 30 watts	\$30
		E6	Induction - screw-in	\$80
		E7	LED barn light or area light	\$120
<b>F LED</b>				
<i>Energy Star compliant where applicable.</i>				
I, CFL	New Fixture, Retrofit	F1	Upgrade incandescent/CFL exit sign to LED	\$50
T12 HO/VHO, I, MV, MH, HPS, LPS	New Fixture, Retrofit	F2	Recessed cans, track heads, dock lights, or wall packs to LED (per head)	\$30
		F3	Refrigerated case lighting - 1 to 6 watts per linear foot of LED (new fixture); includes LR-6-type kit or equivalent.	\$15
		F4	Backlit outdoor or indoor signage, perimeter outdoor lighting - 1 to 6 watts per linear foot of LED	\$15

incentives from BPA lighting calculator version 2.2.001 (dated 5/2/2011)



G		Induction		
Lamp Life ≥60,000 hours, CRI ≥80, can include retrofit kit that has been bench tested.				
T12 HO/VHO, I, MV, MH, HPS, LPS	New Fixture	G1	99 watts or less	\$80
		G2	100 to 399 watts	\$150
		G3	400 or more watts	\$400
H		New High-output T5 or T8 HP fixtures		
Includes T8, 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, MV, HPS, MH	New Fixture	H1	40 to 129 watts	\$120
		H2	130 to 189 watts	\$140
		H3	190 to 249 watts	\$160
		H4	250 watts and above	\$180
I		Pulse-Start or Electronic Metal Halide		
Lamp: Lamp life ≥15,000 hours, lumen maint. ≥70%, CRI ≥65, initial system lumens/watt ≥89				
T12 HO/VHO, I, MV, MH, HPS, LPS	New Fixture	I0	Less than 200 watts - lamp-life and lumen specifications don't apply	\$80
		I1	200 to 399 watts	\$150
≥1000W HID	New Fixture	I2	400 watts and above electronically ballasted	\$400
J		Occupancy Sensors, Timers, Photocells, and Control Panels		
Includes infrared, ultrasonic & dual-technology sensors, and/or timers, photocells, or central control panels.				
50 to 200 W controlled	New Equipment	J1	50 to 200 watts controlled	\$35
≥200W controlled	New Equipment	J2	over 200 watts controlled	\$60
K		Retrofit High-Output Fixtures with T8 Lamps & Ballasts		
Ballast: PF ≥95%, THD ≤20%. Lamp: 4' or 8' T8. Lumen Maint. ≥90%, CRI ≥80, lamp life ≥20,000 hours, initial system lumens/watt ≥95 (for 5000K+ lamps ≥ 93). <i>Note: All lamps and ballasts CEE/UL listed or equivalent. All NEMA premium ballasts qualify.</i>				
T12 HO/VHO, T8HO/VHO with delamp	Retrofit	K1	(1) T8 8' lamp -or- (1 or 2) T8HP 4' lamps and standard electronic ballast	\$50
		K2	(2) T8 8' lamps -or- (3 to 8) 4' T8HP lamps and standard electronic ballast	\$80
L		Retrofit Very High-Output Fixtures with T5 Lamps & Ballasts		
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				
T12 VHO	New Fixture, Retrofit	L1	(1 to 2) T5 lamps and high-output ballast	\$50
		L2	(3 to 4) T5 lamps and high-output ballast	\$100
M		Other One-time Measure with Pre-approval from BPA		
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.				
N		Demonstration Technologies (requires BPA pre-approval)		
Includes fixtures or screw-in lamps that have been approved by BPA.				
≥400W HID	New Fixture, Retrofit	N1	LED canopy lights	\$230
Any	Retrofit	N2	LED screw-in reflector lamps	\$20
			<b>Eligibility: Minimum project-wide kWh savings for incentives</b>	<b>25%</b>

incentives from BPA lighting calculator version 2.2.001 (dated 5/2/2011)



## Program Offering for New Construction Projects

New Fixture/Sensor Description		Incentive
<b>A-NC</b>	<b>High-Performance T8 Fluorescent Lamps and Electronic Ballast in a New Fixture</b>	
<i>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">http://www.cee1.org</a> . All NEMA Premium ballasts qualify.</i>		
A1NC	Upgrade any fluorescent fixture to high-performance fixture	\$10
<b>B-NC</b>	<b>High-output T8 or T5 Fluorescent Fixture</b>	
<i>T5 fixture must have 2 or more lamps, T8 fixture must have 3 or more lamps. Fixture must be installed in a high bay area with a minimum mounting height of 15'.</i>		
B1NC	T8 or T5 new high-output fixture	\$50
<b>C-NC</b>	<b>Sensor or Timer Control of Fluorescent</b>	
<i>Sensors required by code are not eligible.</i>		
C1NC	Controls a minimum of 100 watts of connected load	\$30
<b>D-NC</b>	<b>Stairwell/Garage Fluorescent Fixture</b>	
<i>Fixture must be specifically designed for stairwell/garage lighting.</i>		
D1NC	Bi-level fixture with occupancy sensor control	\$50
<b>E-NC</b>	<b>Ceramic Metal-Halide (hard-wired)</b>	
<i>Hard-wired new recessed can or track heads (cans). Incentive is per lamp, i.e. per track head.</i>		
E1NC	20 to 100 watts (nominal lamp watts)	\$40
E2NC	101 to 400 watts (nominal lamp watts)	\$50
<b>F-NC</b>	<b>Demonstration Technologies</b>	
<i>Includes approved technologies</i>		
F1NC	LED recessed downlight, docklight, or wall pack	\$30
<b>M-NC</b>	<b>Other One-time Measure with Pre-approval from BPA</b>	
<i>Includes lighting measures that are not on the above list (A-F). One-time deemed credit/reimbursement can be given to measures that receive pre-approval from BPA.</i>		
<b>Eligibility: Minimum project-wide kWh savings for incentives</b>		<b>20%</b>

incentives from BPA lighting calculator version 2.2.001 (dated 5/2/2011)

