



Lighting Schedule for Existing Building(s) - Updated January 9, 2009

Street Address: <u>Street Address</u>		Project Name: <u>Project Name</u>			
Facility City: <u>City</u>		Invoice #: <u>Utility Invoice Number</u>			
Existing Equipment	Measure Description	Incentive Per Unit	Number of Units	Total by Measure	
T12 Fluorescent, T8 De-Lamp, Incandescent, or Mercury Vapor	A High Performance T8 or T5 Lamp and Ballast (New or Retrofit)				
	<i>Includes T8 & NLO T5, 2' to 8' lamps: <u>Ballast:</u> PF ≥ 95%, THD ≤ 20%. <u>Lamp:</u> 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.</i>				
	1	Upgrade to 1 lamp with high performance electronic ballast	\$20	#VALUE!	#VALUE!
	2	Upgrade to 2 - 4 lamps with high performance electronic ballast	\$40	#VALUE!	#VALUE!
	B Standard T8 or T5 Lamp and Ballast (New or Retrofit)				
	<i>Includes T8 and T5, 2' to 8' lamps. <u>Ballast:</u> PF ≥ 90%, THD ≤ 20%. <u>Lamp:</u> Lumen Maint. ≥ 90%, CRI ≥ 80, 4' lamp life ≥ 20,000 hours, Initial System Lumens/Watt ≥ 80.</i>				
Mercury Vapor or Mercury Vapor or HO/VHO T12 or HPS / LPS	1	Upgrade to 1 lamp with standard electronic ballast	\$10	#VALUE!	
	2	Upgrade to 2 - 4 lamps with standard electronic ballast	\$20	#VALUE!	
	C Hardwired Compact Fluorescent (New Fixture or Retrofit kit)				
	<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	#VALUE!	#VALUE!
	2	50 or more Watts (Nominal Lamp Watts)	\$80	#VALUE!	#VALUE!
D Ceramic Metal Halide (New Fixture)					
<i>CRI ≥ 80, lamp life ≥ 10,000 hours.</i>					
Mercury Vapor or HO/VHO T12 or HPS / LPS	1	99 Watts or less (Nominal Lamp Watts)	\$80	#VALUE!	
	2	100 or more Watts (Nominal Lamp Watts)	\$150	#VALUE!	
	E Screw-in Lamps (Lamp Only)				
	<i>Energy Star compliant where applicable. Includes CFL and Cold Cathode.</i>				
	1	CFL or Cold Cathode - 1 to 24 Watts	\$3	#VALUE!	#VALUE!
	2	CFL or Cold Cathode - 25 to 45 Watts	\$6	#VALUE!	#VALUE!
HO/VHO T12 or HPS / LPS	3	CFL or Cold Cathode - over 45 watts	\$12	#VALUE!	
	F LED or Cold Cathode (New Fixture or Retrofit kit)				
	<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	#VALUE!	#VALUE!
	2	Upgrade incandescent recessed cans or track heads to LED	\$30	#VALUE!	#VALUE!
	G Induction (New Fixture)				
<i>Lamp Life ≥ 60,000 hours, CRI ≥ 80, can include retrofit kit that has been bench tested.</i>					
HO/VHO T12 or MV / HPS / LPS or Probe-Start Metal Halide or Incandescent	1	99 Watts or less (Nominal Lamp Watts) incentive per lamp	\$80	#VALUE!	
	2	100 or more Watts (Nominal Lamp Watts) incentive per lamp	\$150	#VALUE!	
	H High Output (high-bay) Fluorescent (New Fixture)				
	<i>Includes T8, T5, bi-ax T5; 1'-8'. <u>Ballast:</u> PF ≥ 90%, THD ≤ 20%. <u>Lamp:</u> 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	#VALUE!	#VALUE!
	2	130 to 189 Watts (3 lamp T5) or equivalent T8	\$140	#VALUE!	#VALUE!
3	190 to 249 Watts (4 lamp T5) or equivalent T8	\$160	#VALUE!	#VALUE!	
4	250 Watts and above (5 - 12 lamp T5) or equivalent T8	\$180	#VALUE!	#VALUE!	
I Pulse-Start or Electronic Metal Halide (New Fixture)					
<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	#VALUE!	#VALUE!	
2	400 Watts and above (Nominal Lamp Watts)	\$200	#VALUE!	#VALUE!	



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<i>Manual Control</i>	J Occupancy Sensors, Timers, Photocells, and Control Panels				
	<i>Includes infrared, ultrasonic, & dual-technology sensors and/or Timers, Photocells, and Control Panels.</i>				
	1	50 to 200 Watts controlled	\$35	#VALUE!	#VALUE!
	2	over 200 Watts controlled	\$60	#VALUE!	#VALUE!
<i>8' T12 HO/VHO 4' HO de-lamp</i>	K Retrofit High Output Fixtures with T8 Lamps & Ballasts				
	<i>Includes lamp/ballast retrofits & 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	#VALUE!	#VALUE!
	2	(2 to 8) 4' T8 lamps and standard electronic ballast	\$80	#VALUE!	#VALUE!
<i>8' T12 VHO</i>	L Retrofit Very High Output Fixtures with T5 Lamps & Ballasts				
	<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	#VALUE!	#VALUE!
	2	3 to 4 T5 lamps and high output ballast	\$100	#VALUE!	#VALUE!
<i>Any existing condition</i>	M Other "one time" measure with pre-approval from BPA				
	<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>>	#VALUE!	#VALUE!	#VALUE!
	2	Put measure description here and deemed value in next cell>>	#VALUE!	#VALUE!	#VALUE!
				A. Incentive Item Total (\$):	#VALUE!
				B. Total Project Cost:	\$0
				C. 50% of Project Cost	\$0
				D. Reimbursement/Credit = Lower of "A" or "C" above:	#VALUE!
				Percent (%) Kilowatt-Hour Reduction:	
				Annual kWh Savings:	0

Useful Information

1. Has the installed equipment met the project requirements and specifications?	(yes/no)	
2. Are the measures listed properly installed and operating?	(yes/no)	
3. Has the Sub-Project achieved a 25% or greater kWh reduction?	(yes/no)	
4. Have invoices been labeled with the unique identifying number from the RTF reporting system?	(yes/no)	

Completed By: _____

Date: 6/9/09 11:43 AM

[For more information, contact Vic Hubbard at 509.542.5904 or via email at vhubbard@franklinpud.com](mailto:vhubbard@franklinpud.com)