

**Table 1: Prescriptive**

**NEEP Commercial Lighting Initiative  
Regional Commercial Lighting Programs  
Prescriptive Incentives offered for Commercial Lighting  
Draft March 7, 2006**

<b>COMPARATIVE PRESCRIPTIVE LIGHTING TECHNOLOGY/INCENTIVE TABLE, AS OF JANUARY 1, 2006</b>								
<b><u>TECHNOLOGY</u></b>	<b>EM (small biz)</b>	<b>EM Biz</b>	<b>NJ Smart Start</b>	<b>National Grid (MA, RI) (HPT8-only requirements effective 7/1/06)</b>	<b>NSTAR (HPT8-only requirements. effective 7/1/06)</b>	<b>NH Statewide</b>	<b>Cape Light Compact</b>	<b>Efficiency Vermont</b>
LED exit signs	\$15.00	None	\$20/fixture (<75kW only)	None, required by Energy Policy Act of 2005	None, required by Energy Policy Act of 2005	Retrofit: \$20.00/ixture \$12 kit  New Equip. & Construction: (<100kW only) \$15.00	New construction: \$20/fixture for <50kW and no chains/nat'l acc'ts w/5+ facilities in territory Retrofit: \$25/fixture	none
Solid state exit signs	\$20.00	None	Same as above	Same as above	Same as above	Same as above	Same as above	none
Hard wired CFL		\$12.00	\$25/ 1 lamp fixture \$30/ 2 > lamps	Retrofit: \$20/fixture None in new construction.	Retrofit: \$20/fixture None in new construction.	Retrofit: \$25/ fixture \$40.fx dimmable  New Equip. & Construction: \$20/ fixture \$40 dimmable	Retrofit: \$25/ 1 lamp fixture \$30/ 2 lamp fixture \$40/ dimmable fixture  New construction: \$40 dimmable CF fixture For <200kW only and no chains/nat'l acc'ts \$20/ 1 lamp fixture \$25/ 2 lamp fixture	\$20.00 max. \$55 dimming CF fixture

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T-5/T-8 high bay		New Construction: \$35.00; Retrofit: \$75	\$50/250/399W HID replacements; \$75/400 W replacements in retrofit. New construction: performance only.	Retrofit: \$120/fixture; New Construction: \$80/fixture	Retrofit: \$120/fixture; New Construction: \$80/fixture	Retrofit: \$70/fixture for 125 w to 219 watts, \$100/fixture > 219 watts  New Equip. & Construction: \$35/fixture for 125 w to 219 watts, \$55/fixture > 219 watts	Retrofit: \$125/fixture New Construction: \$30/fixture	\$50.00
T-8 lamp/ballast	\$5.00 - \$10.00	None	Retrofit: \$20/fixture <75kW \$10/fixture >75kW New/renovation: No incentive	No incentives for T8s after July, 2005 (except for a few specialized applications)	No incentives for T8s after July, 2005 (except for a few specialized applications)	Retrofit: \$15 Tandem: \$20  New Equip. & Construction: \$10/fixture	New construction: \$10/ballast Retrofit: \$18/fixture	none
occupancy sensors	Wall: \$15 (retrofit only) Remote: \$50	Remote mounted only: \$50	\$20/wall mount \$35/ceiling mount (existing only); HID: \$35/fixture, remote mounted; Hi-Lo w/step ballast: \$75/fixturet	\$75/ wall or ceiling mount – retrofit and new	\$30/wall mount \$75/ceiling mount	Retrofit: \$35/fixture  New Equip. & Construction: \$35/fixture	\$30/wall mount \$75/remote mount	\$30/wall or fixture mount \$75/remote mount
daylight dimming		Fluorescent fixtures: \$40 per ballast controlled HIF: Hi-Lo, \$60.00	\$25/fixture; HID/fluorescent high bay remote, \$75./ fixture; Hi-Lo, \$75.00	\$40 per ballast – retrofit and new	\$40 per ballast	Retrofit: \$35/fixture  New Equip. & Construction: \$35/fixture	\$40 per ballast	\$40.00 per ballast

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New pulse start metal halide fixture		None	\$45/fixture	\$70/fixture, retrofit, \$10/fixture, new	\$70/fixture, retrofit \$10/fixture, new	Retrofit \$40 lamp/ballast \$60 New Fixture  New Equip. & Construction \$15.00/fixture	New Construction: \$10 Retrofit: \$80/fixture \$45/lamp/ballast kit	\$25.00/fixture
HP T8, 1-4 lamp 4', existing fixture		\$15.00	Performance lighting incentives only	\$15 for std. new or existing fixtures, recessed or surface (retrofit program)	\$15 for std. new or existing fixtures, recessed or surface (retrofit program)	Retro: \$5 adder  New Equip. & Construction \$5 adder	No Super T8 lamp/ballast incentive Retrofit: \$40/fx high-effi troffer \$60 low glare	Super T8: \$20.00 low BF ballast \$15 reduced wattage lamp
HP T8, 1-4 lamp 4', new fixture		\$20.00	Performance lighting incentives only	\$20 per 2' or 4' new high performance fixture, recessed or surface, (new construction) \$60 per fixture in retrofit application	\$20 per 2' or 4' new high performance fixture, recessed or surface, (new construction) \$60 per fixture in retrofit application.	Retrofit: \$20.00  New Equip. & Construction \$15.00	No Super T8 lamp/ballast incentive New: \$15/fx high-eff troffer #20/fx low glare, \$30/fx indirect	Same as above
Recessed fixture/HP T8		\$25.00	Performance lighting incentives only	Same as above.	Same as above.	Retrofit: Troffer \$35 Low glare Trof: \$40  New Equip. & Construction Troffer \$15 Low glare Trof: \$30	No Super T8 lamp/ballast incentive New: \$15/fixture for high-efficiency troffer fixture Retrofit: \$40/fixture for high-efficiency troffer fixture	Same as above

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Pendant mounted HP T8		\$35.00	Performance lighting incentives only	\$30.00	\$30.00	New Equip. & Construction \$30 / Indirect fixture		Same as above
8' premium efficiency industrial fixture		\$25.00	Performance lighting incentives only	\$35/fixture – retrofit, \$25/fixture – new construction	\$35/fixture – retrofit, \$25/fixture – new construction	Retrofit: \$30.00 New Equip. & Construction: \$25.00	No Super T8 lamp/ballast incentive	None

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<b><u>TECHNOLOGY</u></b>	<b>NYSERD A Smart Eq</b>	<b>LIPA</b>	<b>Connecticut Light &amp; Power</b>				
LED exit signs	\$6/sign	N/A	Prescriptive: \$10/sign Custom: 50% of cc				
Solid state exit signs	\$6/sign	N/A	N/A				
Hard wired CFL	N/A	N/A	Prescriptive: \$25/fixt Custom: 50% of cost				
T-5/T-8 high bay	\$35/fx	\$75/fx	Prescriptive: \$30-\$50/fixt Custom: 50% of cost				
T-8 lamp/ballast	N/A	\$10 Reflector \$15 Tandem \$20 Specular	Prescriptive: \$10-\$15/fixt Custom: 50% of cost				
occupancy sensors	Wall \$10/ea Ceiling \$20	Wall \$30/control Ceil \$75/control	Prescriptive: \$10/fixt controlled Custom: 50% of cost				
daylight dimming	2-balst \$65/contr 4-balst \$100/contr	\$40/ballst	Prescriptive: \$30/ballast Custom: 50% of cost				
New pulse start metal halide fixture	Indoor \$25/fx Outside \$60/fx	Mag: \$30/fx Electr: \$60/fx	Prescriptive: \$30/fixt Custom: 50% of cost				
HP T8, 1-4 lamp 4',existing fixture	\$5/fx	2-imp: \$15 3-imp: \$20	Prescriptive: \$15-\$20/fixt Custom: 50% of cost				

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HP T8, 1-4 lamp 4', new fixture	\$10/fx	2-imp: \$15 3-imp: \$20	Prescriptive: \$15-\$20/fixt Custom: 50% of cost				
Recessed fixture/HP T8	\$12/fx Low glare: \$20/fx	N/A	Prescriptive: \$25/fixt Custom: 50% of cost				
Pendant mounted HP T8	\$15/fx	N/A	Prescriptive: \$15-\$20/fixt Custom: 50% of cost				
8' premium efficiency industrial fixture	N/A	N/A	Prescriptive: \$10-\$50/fixt Custom: 50% of cost				

**Table 2: Performance**

**NEEP Commercial Lighting Initiative  
Regional Commercial Lighting Programs  
Incentives offered by Lighting Performance  
Draft February 16, 2006**

<b>COMPARATIVE PERFORMANCE LIGHTING TECHNOLOGY/INCENTIVE TABLE, AS OF JANUARY 1, 2006</b>								
<b>Program Admin <u>TECHNOLOGY</u></b>	<b>Efficiency Maine</b>	<b>NJ Smart Start</b>	<b>MA &amp; RI: NGRID, NSTAR, WMECo</b>	<b>NH Statewide</b>	<b>Cape Light Compact</b>	<b>Efficiency Vermont</b>	<b>NYSERDA</b>	<b>CT</b>
Performance based incentives	LPD code +20% Baseline is prescriptive list (HPT8)	\$1/w/sf below threshold Max: \$30/fx Baseline NJ code 90.1 '99 NC: Code +20% Retro: Code +10%	\$0.40/w/sf below threshold Floor is code +25% Use only prescriptive technology 2 <sup>nd</sup> Tier: \$0.80/w.sf below threshold Code +25%, 75% or space Must use innovative technology	N/A	N/A	N/A	N/A	\$0.08/tenth w/sf below baseline; max \$0.32 Max: \$30/fx; bonus for emerging techs. LPD table in prog material.

## Table 3: Program Links

### Lighting Program Requirements & Forms Links Draft February 16, 2006 JJJ

#### Efficiency Maine

- Prescript Ltg app: <http://www.energymaine.com/business/pdfs/PreEstablished-Lighting-Application.pdf>
- Custom app: <http://www.energymaine.com/business/pdfs/Custom-Lighting-Application.pdf>

#### Efficiency Vermont

- App. Forms: <http://www.energymaine.com/Docs/lighting.pdf>

#### New Hampshire

- New Equip. and Construction Instr & apps 13pp <http://www.psnh.com/SharePDFs/NewEquipLightingInstr.pdf>
- Retrofit: <http://www.psnh.com/SharePDFs/RetroLightingInstr.pdf>

#### National Grid: MA, RI

- NC: D2 ltg sys & contr app: [http://www.nationalgridus.com/non\\_html/shared\\_energysave\\_d2light\\_pif.pdf](http://www.nationalgridus.com/non_html/shared_energysave_d2light_pif.pdf)
- Retro EI ltg & contr: [http://www.nationalgridus.com/non\\_html/shared\\_energysave\\_eilight\\_pif.pdf](http://www.nationalgridus.com/non_html/shared_energysave_eilight_pif.pdf)

#### NSTAR

- List of apps: [http://www.nstaronline.com/your\\_business/ee-forms.asp](http://www.nstaronline.com/your_business/ee-forms.asp)
- Retro app: [http://www.nstaronline.com/ss/your\\_business/ee-forms/con-comm-light.pdf](http://www.nstaronline.com/ss/your_business/ee-forms/con-comm-light.pdf)
- Performance app: [http://www.nstaronline.com/ss/your\\_business/ee-forms/con-perf-light.pdf](http://www.nstaronline.com/ss/your_business/ee-forms/con-perf-light.pdf)

#### Cape Light

- Rebate applications: [http://www.capelightcompact.org/doc.ccml?28,,507345p,cap496772,0,0,Index,ck\\_.html](http://www.capelightcompact.org/doc.ccml?28,,507345p,cap496772,0,0,Index,ck_.html)
- Program descriptions: <http://www.capelightcompact.org/doc.ccml?15>

#### WMECo

- Express: <http://www.wmeco.com/programs/pdf/lighting.pdf>

### Table 3: Program Links

#### CL&P

- Performance: <http://www.cl-p.com/clpcommon/pdfs/clmbus/target/Lighting.pdf>
- Prescriptive app: <http://www.cl-p.com/clpcommon/pdfs/clmbus/express/lighting.pdf>

#### UI

- Performance incentives: [http://www.uinet.com/pdfs/EB/EB\\_Prescriptive\\_Incentives.pdf](http://www.uinet.com/pdfs/EB/EB_Prescriptive_Incentives.pdf)

#### NJ Smart Start

- Prescrip Ltg app: [http://www.njsmartstartbuildings.com/pdf/forms/010\\_prescrip\\_lighting.pdf](http://www.njsmartstartbuildings.com/pdf/forms/010_prescrip_lighting.pdf)
- Performance Ltg wksht: [http://www.njsmartstartbuildings.com/pdf/forms/015\\_perf\\_lighting\\_app.pdf](http://www.njsmartstartbuildings.com/pdf/forms/015_perf_lighting_app.pdf)

#### NYSERDA

- SCLP app: <http://sclp.lightingresearch.org/pdf/Project%20Incentive%20Application%20Form%20Worksheets%2001-05-06.pdf>
- Smart eq choices: <http://www.nyserda.org/Programs/SmartEC/default.asp>
- New construction prog: [http://www.nyserda.org/programs/New\\_Construction/default.asp](http://www.nyserda.org/programs/New_Construction/default.asp)

#### LIPA

- NC Ltg=pp4-6: [http://www.lipower.org/pdfs/commercial/commconst\\_prog.pdf](http://www.lipower.org/pdfs/commercial/commconst_prog.pdf)