

Baltimore Gas and Electric Company
Prescriptive Lighting
 a BGE Smart Energy Savers ProgramSM



Application

Date of Application	Expected Completion Date
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I. CUSTOMER INFORMATION

Company Name		Contact Person		Email	
Street Address (facility)			Electric Account Number (required, if applicable)		
City	State	Zip	Customer Telephone ()	Customer Fax ()	
Company Mailing Address (if different than above)		City		State	Zip

II. BUSINESS TYPE WHERE EQUIPMENT IS INSTALLED

Office
 Retail
 School
 University
 Religious Facility
 Grocery
 Restaurant
 Lodging
 Industrial Processing
 Warehouse
 Health Facility
 Multifamily
 Other _____

III. PROJECT TYPE

New Building
 Equipment Replacement
 Expansion
 Renovation
 Other _____
 Square footage covered by application: _____

IV. CONTRACTOR/VENDOR INFORMATION

Company Name		Contact Person		Email	
Company Address			City	State	Zip
<input type="checkbox"/> Corporation <input type="checkbox"/> LLC <input type="checkbox"/> Partnership <input type="checkbox"/> Individual Proprietorship <input type="checkbox"/> Not-for-Profit					Vendor Telephone ()
Federal Tax ID Number					

V. CUSTOMER ACKNOWLEDGEMENT

Payment to: Customer Contractor
 I have read the Terms and Conditions and I certify that the equipment listed in this form has been installed to my satisfaction.

Customer Name/Title	Customer Signature (Post Installation)	Date
<input type="checkbox"/> Corporation <input type="checkbox"/> LLC <input type="checkbox"/> Partnership <input type="checkbox"/> Individual Proprietorship <input type="checkbox"/> Not-for-Profit		Federal Tax ID Number

ADMINISTRATIVE USE ONLY

Date Received	Project #	Program Rep.
Pre-approved Date	Program Manager	Pre-approved Incentive \$
Final Approval Date	Program Manager	Final Incentive \$

For more information about the program, go to BGESmartEnergy.com
 Please submit for review via one of the following: Fax 410-290-0861, email to Business@BGESmartEnergy.com or
 mail to BGE Smart Energy Savers ProgramSM, c/o ICF International, 7125 Thomas Edison Drive, Suite 100, Columbia, MD 21046

VI. LIGHTING SYSTEM INCENTIVES

Measure Code	Measure Description	Min. Watts Reduced	Incentive Amount per fixture	Retrofit Quantity	Retrofit Subtotal	New Construction Quantity	New Construction Subtotal
11	T12 relamp/reballast: retrofit existing T12 systems with HPT8, Reduced Wattage T8 or T5/T5HO lamps and qualifying electronic ballast. 1-4 lamps.	10	\$15				
12	T8 relamp/reballast: retrofit existing T8 systems with Reduced Wattage T8 and qualifying electronic ballast. 1-4 lamps.	10	\$15				
15	Permanent delamping/retrofit: retrofit existing T12 or T8 systems with HPT8, Reduced Wattage T8 or T5/T5HO lamps and qualifying ballasts. Permanent delamping is required through the use of approved retrofit and / or reflector kits.	28	\$35				
20	New commodity-grade HPT8, Reduced Wattage T8 or T5/T5HO fixtures with qualifying electronic ballast. Includes basic troffers, strips, wraps and vaportight fixtures.	10	\$25				
25	New self-contained fluorescent stairwell fixture with HPT8, Reduced Wattage T8 or T5/T5HO lamps and T8 or CFL standby lamp. Integrated occupancy sensor furnished by manufacturer.	20	\$50				
30	New high-efficiency HPT8 or T5/T5HO 2-lamp troffer (lensed or parabolic).	11	\$35				
41	New high-efficiency advanced recessed fixture with HPT8 or T5/T5HO; 1 or 2 lamps.	28	\$65				
42	New 4 or 8-ft industrial fixture with reflector and HPT8 or T5/T5HO lamps.	11	\$35				
60	New high-intensity high/low bay fluorescent fixture with HPT8 or T5HO lamps; 3-12 lamps..	23	\$90				
71	New hard-wired compact fluorescent fixture or retrofit kit; 1-3 lamps.	12	\$35				
90	LED exit signs.	10	\$25				
95	LED reach-in freezer or cooler lighting.	10	\$25 / door				
Total Requested Lighting System Incentive							

VII. LIGHTING CONTROL INCENTIVES

Measure Code	Measure Description	Min. Watts Controlled	Incentive Amount	Quantity	Incentive Subtotal
81	Occupancy Sensor – Wall switch replacement	40	\$25		
82	Occupancy Sensor – Remote wall / ceiling mount	119	\$100		
83	Occupancy Sensor – Fixture mounted	40	\$25		
84	Occupancy Sensor – High/low control: step dimming ballast	192	\$40 / ballast		
85	Daylight Control – Continuous dimming - dimming ballasts	192	\$40 / ballast		
86	Daylight Control – On/off control - standard ballasts	192	\$25 / ballast		
88	Occupancy Sensors – Reach-in freezer or cooler lighting	150	\$9 / door		
Total Requested Controls Incentive					

Total Requested Incentive

VIII. PRESCRIPTIVE LIGHTING INSTRUCTIONS

<p>1. This application can be used for all retrofit projects. However, new construction projects involving fewer than 100 fixtures, excluding controls, may also use this application. New construction projects involving more than 100 fixtures must use the New Construction Performance Lighting application.</p> <p>2. Complete the room-by-room inventory worksheet using the Prescriptive Lighting Worksheet found on BGE's Web site. Rated wattages for various existing luminaire types are found in the Lighting System Rated Wattage Table (also included on the Prescriptive Lighting Worksheet).</p>	<p>3. Meet measure code eligibility requirements found in the tables below.</p> <p>4. Transfer the total quantities installed for each measure code and calculate the incentive total for each measure code in the tables on page 2.</p> <p>5. Submit the completed electronic copy of the worksheet in accordance with the instructions on the worksheet, along with this application for pre-approval or final approval, as appropriate, to the address on page 1 or email to Business@BGESmartEnergy.com.</p>
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IX. LINEAR FLUORESCENT LAMP AND BALLAST SPECIFICATION REQUIREMENTS

- High Performance T8 (HPT8), Reduced-Wattage T8, T5/T5HO lamps and qualifying ballasts are permitted for all measure codes unless specified otherwise in the lighting system eligibility requirements.
- 17w 2-ft T8 lamps must have minimum efficacy of 75 mean lumens/watt.
- 8-ft T8 lamps are not eligible for prescriptive lighting incentives.
- 32w 4ft T8 lamps and T8 ballasts must be listed on the Consortium for Energy Efficiency (CEE) product list or must meet CEE standards. Visit www.CEE1.org for further information.
- 32w U-bend T8 lamps must have minimum efficacy of 79 mean lumens/watt.
- Reduced wattage T8 lamps are acceptable provided they are on CEE "Reduced Wattage T8" list.

Measure Code	Lighting System Eligibility Requirements	Measure Code	Lighting System Eligibility Requirements
11	<ul style="list-style-type: none"> • Lamp-for-lamp retrofits of existing T12 fluorescent systems • Lamps and ballasts must replace existing T12 systems • HPT8 lamps must be installed in conjunction with qualifying electronic ballasts 	71	<ul style="list-style-type: none"> • Installation of hard-wired compact fluorescent fixtures in place of incandescent or HID sources in retrofit and new construction • Compact fluorescent fixtures must incorporate electronic ballasts with < 33% THD. • Fixtures and retrofit kits with 1– 3 lamps are eligible; screw-in CFL lamps are not eligible
12	<ul style="list-style-type: none"> • Lamp-for-lamp retrofits of existing T12 or T8 fluorescent systems • Lamps and ballasts may replace existing T12 or full-wattage T8 systems • Reduced wattage T8 lamps must be listed on CEE qualifying "Reduced Wattage T8" list and installed in conjunction with qualifying electronic ballasts 	90	<ul style="list-style-type: none"> • Installation of LED exit signs to replace incandescent or fluorescent sources in retrofits only • Complete signs must be installed; LED retrofit kits are not eligible for incentive
15	<ul style="list-style-type: none"> • Delamping and retrofit of existing T12 or T8 fluorescent systems • Luminaires must be permanently delamped through the use of UL / CSA-listed retrofit kits specifically for this purpose; lamps must be re-centered in luminaires • Light levels may be affected; therefore, delamping may not be appropriate for all applications • Reflectors, if specified, shall have a minimum reflectivity of 90% and should be used if necessary to provide proper lighting levels or quality 	95	<ul style="list-style-type: none"> • Installation of LED strips to replace T12 and T8 sources in refrigerated display case for retrofit and new construction • LED strips must completely replace prior equipment; existing channel wiring may be re-used
20	<ul style="list-style-type: none"> • Installation of commodity-grade fluorescent luminaires in retrofit or new construction • Eligible new fixtures may be surface, recessed, suspended, or self-contained retrofit kits • Commodity grade fixtures include most standard troffers, strips, wraps, and vaportights 	Measure Code	Lighting Controls Eligibility Requirements
25	<ul style="list-style-type: none"> • Installation of self-contained occupancy-based luminaires in stairwells for retrofit or new construction • Eligible fixtures contain on-board, factory-furnished occupancy sensors and are designed for stairwells and other seldom-occupied spaces • Standby (unoccupied) mode may be accomplished with the use of separate low-wattage fluorescent or CFL lamp or step-dimming ballast 	81	<ul style="list-style-type: none"> • Hardwired wallswitch occupancy sensor; passive infrared, ultrasonic, or dual technology • Occupancy sensors with "manual on" override are not eligible for incentives
		82	<ul style="list-style-type: none"> • Hardwired or wireless ceiling or wall-mounted remote occupancy sensor; passive infrared, ultrasonic, or dual technology • Occupancy sensors with "manual on" override are not eligible for incentives
30	<ul style="list-style-type: none"> • Installation of 2-lamp high-efficiency luminaires in place of those with higher lamp quantity in retrofit or new construction • Overall fixture efficiency must be equal to or greater than 83% for prismatic; 75% for parabolic • Eligible new fixtures may be surface, recessed, suspended, or self-contained retrofit kits 	83	<ul style="list-style-type: none"> • Hardwired fixture-mounted occupancy sensors; passive infrared, ultrasonic or dual technology • Sensors may be furnished as new equipment by fixture manufacturer or installed on existing fixtures in retrofit applications
		84	<ul style="list-style-type: none"> • Hardwired occupancy sensor designed to operate lamps in high/low mode • Ballast wattage on "low" mode shall not exceed 60% of rated fixture wattage • Minimum of four ballasts per control unit
41	<ul style="list-style-type: none"> • Installation of high-efficiency advanced luminaires in place of those with higher lamp quantity in retrofit or new construction • Overall fixture efficiency must exceed 80%; zonal lumen percentage from 60-90 deg. \geq 15% • Eligible new fixtures may be surface, recessed, suspended or self-contained retrofit kits 	85	<ul style="list-style-type: none"> • Hardwired photo sensor designed to dim lamps in response to ambient daylight • Minimum of four CEE-listed dimming ballasts per control unit
42	<ul style="list-style-type: none"> • Installation of industrial luminaires with reflectors to direct light output to the working plane • Each fixture must have new reflectors with reflectivity of 87% or greater; retrofit kits permitted • Up to 20% uplight through the use of reflector slots may be included in the design 	86	<ul style="list-style-type: none"> • Hardwired photo sensor designed to extinguish lamps in response to ambient daylight • Minimum of four ballasts per control unit
60	<ul style="list-style-type: none"> • Installation of fluorescent high/low bay luminaires in place of HID sources in retrofit and new construction • Reduced-wattage T8 and standard T5 lamps are not permitted with this measure code • Overall fixture efficiency must be equal to or greater than 80% • Luminaires must contain 3–12 lamps and be installed \geq to 15ft AFF 	88	<ul style="list-style-type: none"> • Hardwired occupancy sensor designed to operate refrigerated case strips • Sensors may be installed at end of aisle or for individual cases

X. TERMS & CONDITIONS

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| <p>1. INCENTIVE OFFER: This application covers products contracted for, purchased or installed within 60 days of the date BGE receives the application and is not retroactive prior to this date.</p> <p>2. ELIGIBILITY: Incentives are available to industrial, commercial, government and institutional electric service customers for the purchase and installation of qualifying energy savings measures in the BGE service territory. BGE reserves the right to deny any application that may result in BGE exceeding its program budget. Incentives are offered on a first-come, first-served basis and are subject to project and Customer eligibility, availability of funds and distribution of incentives across BGE customer base.</p> <p>3. APPROVAL AND VERIFICATION: Pre-approval is required for all custom projects as well as all prescriptive projects qualifying for a total incentive over \$5,000. BGE reserves the right to pre-inspect any project prior to pre-approval. No project related energy savings measures may be contracted for, purchased or installed prior to the date of BGE's pre-approval. Projects must be completed by the date listed on the pre approval notification letter (within 180 calendar days of project pre approval for retrofit projects and one (1) year of pre approval for new construction projects). All projects that require pre-approval may also require pre-inspection. BGE reserves the right to verify sales transaction and to have reasonable access to your facility, to inspect the energy savings measures installed under this Initiative, prior to issuing incentives, or at a later time. BGE reserves the right, for any reasons, to stop pre-approving energy savings measures at any time without notice. In particular, BGE is not obligated to pre-approve any application for an incentive that may result in BGE exceeding its program budget.</p> <p>4. PROOF OF PURCHASE: This application must have complete information and be submitted with an invoice itemizing the new equipment purchased. The invoice must indicate the date of purchase, the size, type, make, model, serial number, part number and/or equipment manufacturer specification sheets. The signed application must be returned to ICF International, 7125 Thomas Edison Dr., Suite #100, Columbia, MD 21406.</p> <p>5. COMPLIANCE: All projects must comply with all federal, state and local codes. All equipment must be new. Used or rebuilt equipment is not eligible for incentives. Existing equipment must be removed and disposed in a proper and legal manner. BGE encourages that equipment is disposed of and/or recycled in an environmentally friendly manner. Equipment must meet specification requirements and be purchased and operating prior to submitting the application form. Only one incentive will be granted for each project. Incentives granted to contractors, distributors or other market providers cannot also be claimed by end-use customers.</p> | <p>6. PAYMENT: Once completed paperwork is submitted, incentive payments will be made within an estimated 4-6 weeks. Incomplete applications will be returned. The customer may assign the incentive payment to a qualified contractor (if allowed). The benefits/payments conferred upon the Customer or their designated contractor through participation in this program may be taxable by the federal, state, and local government. The Customer or their designated contractor is responsible for declaring and paying all such taxes.</p> <p>7. INSPECTION: BGE staff or their representatives may conduct an inspection of the facility to survey the installed projects.</p> <p>8. PUBLICITY: BGE reserves the right to publicize your participation in this program.</p> <p>9. BGE/PROGRAM LOGO: Customers or market providers may not use the BGE or Program name or logo in any marketing, advertising, or promotional materials without BGE's prior written permission.</p> <p>10. DISCLAIMERS: BGE does not endorse any particular market provider, manufacturer, product, labor or system design by offering this program; will not be responsible for any tax liability imposed on a Customer as a result of the payment of incentives; does not expressly or implicitly warrant the performance of installed equipment or contractor's quality of work (contact your contractor for detailed warranties); is not responsible for proper and legal disposal/recycling of any waste generated as a result of this project; and is not liable for any damage caused by the installation of the equipment or for any damage caused by the malfunction of the installed equipment.</p> <p>11. VERIFICATION: Any customer receiving an incentive check may be contacted by an evaluator to verify service/equipment installation or be asked to complete a written, oral or electronic customer survey.</p> <p>12. APPLICATION DOES NOT ENTITLE CUSTOMER TO PARTICIPATE: The program described in this application may be altered, suspended, or canceled by BGE at any time without prior notice. Under such circumstances, the Customer is not entitled to any program benefits in excess of those approved prior to such action by BGE. Submission of a completed application does not entitle the Customer to program participation. Entitlement to program participation can only occur after BGE has signed a copy of the application and granted pre-approval if required by BGE.</p> <p>13. REMOVAL OF EQUIPMENT: The Customer agrees, as a condition of participation in the program, to remove and dispose of the equipment being replaced by the energy savings measures in accordance with all legal requirements. The Customer agrees to not install any of this equipment in the BGE service territory.</p> <p>14. CHANGES TO THE PROGRAM: BGE may change the program and the Terms & Conditions at any time without notice. Pre-approved applications, however, will be processed to completion under the Terms & Conditions in effect at the time of the pre-approval by BGE.</p> | <p>15. NO WARRANTIES: BGE does not endorse, guarantee, or warrant any particular manufacturer or product and BGE provides no warranties, expressed or implied, for any products or services. The Customer's reliance on warranties is limited to any warranties that may arise from, or be provided by contractors, vendors, etc. The Customer acknowledges that neither BGE nor any of its consultants are responsible for assuring the design, engineering and construction of the Facility or installation of the energy savings measures is proper or complies with any particular laws (including patent laws), codes, or industry standards. BGE DOES NOT MAKE ANY REPRESENTATIONS OF ANY KIND REGARDING THE RESULTS TO BE ACHIEVED BY THE ENERGY SAVINGS MEASURES OR THE ADEQUACY OR SAFETY OF SUCH MEASURES, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.</p> <p>16. LIMITATION OF LIABILITY: BGE's sole liability is limited to paying the properly qualified rebates specified herein. Neither BGE nor any of its affiliates shall be liable to the Customer or any other party for any indirect, consequential or incidental damages, regardless of the theory of recovery, caused by or arising from any activities associated with this program.</p> <p>17. VENDOR SELECTION: BGE acknowledges that the Customer may select any vendor or contractor to perform the work contemplated by this Application, even after the Application is submitted for pre-approval by BGE. Notwithstanding the foregoing, the Customer acknowledges that BGE has the right to prohibit specific vendors or contractors from program participation for any reason or no reason.</p> <p>18. OBLIGATIONS BETWEEN THE PARTIES: Customer acknowledges that any contractor selected by the Customer is not an agent, contractor or subcontractor of BGE. BGE shall have no obligation to maintain, remove or perform any work whatsoever on the energy savings measures installed. BGE shall have no liability for contractor's failure to perform, for failure of the energy savings measures to function, for any damage to the Customer's premises caused by the contractor or for any and all damages to property or injuries to persons caused by the energy savings measures.</p> <p>19. ENERGY BENEFITS: BGE is entitled to 100% of the energy benefits associated with the energy savings measures, excluding the value of energy cost savings realized by the Customer, but including all rights to all associated PJM Energy, Capacity and Reserves Products, and the Customers agrees to provide BGE with such further documentation as the BGE may request to confirm BGE's ownership of such benefits and products.</p> <p>20. CUSTOMER'S CERTIFICATION: Customer certifies that he/she has purchased and installed the equipment listed above at the defined location. Customer agrees that all information is true and that he/she has conformed to all Initiative and equipment requirements listed. Customer has verified that the units listed above have been installed correctly. Customer or Customer's representative has been instructed on how to operate and maintain this equipment and has received all necessary operation and maintenance manuals.</p> |
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