# Ohio Public Utilities Commission

Application to Commit Energy Efficiency/Peak Demand Reduction Programs (Mercantile Customers Only)

Case No.: 11-3700 -EL	-EEC
Mercantile Customer:	Walgreen Co.
Electric Utility:	The Cleveland Electric Illuminating Company
Program Title or Description:	Lighting & refrigeration

Rule 4901:1-39-05(F), Ohio Administrative Code (O.A.C.), permits a mercantile customer to file, either individually or jointly with an electric utility, an application to commit the customer's existing demand reduction, demand response, and energy efficiency programs for integration with the electric utility's programs. The following application form is to be used by mercantile customers, either individually or jointly with their electric utility, to apply for commitment of such programs in accordance with the Commission's pilot program established in Case No. <u>10-834-EL-POR</u>

Completed applications requesting the cash rebate reasonable arrangement option (Option 1) in lieu of an exemption from the electric utility's energy efficiency and demand reduction (EEDR) rider will be automatically approved on the sixty-first calendar day after filing, unless the Commission, or an attorney examiner, suspends or denies the application prior to that time. Completed applications requesting the exemption from the EEDR rider (Option 2) will also qualify for the 60-day automatic approval so long as the exemption period does not exceed 24 months. Rider exemptions for periods of more than 24 months will be reviewed by the Commission Staff and are only approved up the issuance of a Commission order.

Complete a separate application for each customer program. Projects undertaken by a customer as a single program at a single location or at various locations within the same service territory should be submitted together as a single program filing, when possible. Check all boxes that are applicable to your program. For each box checked, be sure to complete all subparts of the question, and provide all requested additional information. Submittal of incomplete applications may result in a suspension of the automatic approval process or denial of the application.

Any confidential or trade secret information may be submitted to Staff on disc or via email at <u>ee-pdr@puc.state.oh.us</u>.

## Section 1: Mercantile Customer Information

Name:Walgreen Co. Principal address:302 Wilmot Rd. MS#3301 Address of facility for which this energy efficiency program applies: #4294-5881 Som Center-Willoughby, OH #4684-12777 Rock Side Drive, Garfield Heights, OH #4685-2135 Warrensville Center Rd. South Euclid, OH #5550-21010 Center Ridge, Rocky River, OH #6889-6270 Som Center Rd, Solon, OH #5206-11701 Detroit Ave, Lakewood, OH #3226-6410 Broadway, Cleveland, OH #3234-4281 W 130th St, Cleveland, OH #3235-16400 Chagrin, Shaker Heights, OH #3238-14525 Euclid Ave, East Cleveland, OH #3256-11401 Union Ave, Cleveland, OH #3307-15609 Lake Shore Blvd, Cleveland, OH #5030-6605 Mayfield Rd, Mayfield Heights, OH #5031-7260 Pearl, Middleburg Heights, OH #6889-6270 Som Center Rd, Solon Rd, Solon, OH #7474-751 Richmond Rd. Richmond Heights, OH #9073-20200 Van Aken, Shaker Heights, OH #10220-520 Broadway, Bedford, OH #10328-7888 York Rd, Parma, OH #10518-6707 N Ridge, Madison, OH #9407-14815 Madison Ave, Lakewood, OH #1234-6 E Bagley Rd, Berea, OH #3313-5264 Lee Rd, Maple Heights, OH

Revised June 24, 2011

FE Rev 06.29.11

## #4130-3020 Mayfield Rd, Cleveland Heights, OH

Name and telephone number for responses to questions: Laura Hill 847-527-4729

Electricity use by the customer (check the box(es) that apply):

- The customer uses more than seven hundred thousand kilowatt hours per year at the above facility. (Please attach documentation.)
- The customer is part of a national account involving multiple facilities in one or more states. (Please attach documentation.)

# Section 2: Application Information

- A) The customer is filing this application (choose which applies):
  - Individually, without electric utility participation.
  - Jointly with the electric utility.
- B) The electric utility is: The Cleveland Electric Illuminating Company
- C) The customer is offering to commit (check any that apply):
  - Energy savings from the customer's energy efficiency program. (Complete Sections 3, 5, 6, and 7.)
  - Capacity savings from the customer's demand response/demand reduction program. (Complete Sections 4, 5, 6, and 7.)
  - Both the energy savings and the capacity savings from the customer's energy efficiency program. (Complete all sections of the Application.)

# Section 3: Energy Efficiency Programs

- A) The customer's energy efficiency program involves (check those that apply):
  - Early replacement of fully functioning equipment with new equipment. (Provide the date on which the customer replaced fully functioning equipment, and the date on which the customer would have replaced such equipment if it had not been replaced early. Please include a brief explanation for how the customer determined this future replacement date (or, if not known, please explain why this is not known)). If Checked, Please see Exhibit 1 and Exhibit 2
  - Installation of new equipment to replace equipment that needed to be replaced The customer installed new equipment on the following date(s):
  - Installation of new equipment for new construction or facility expansion. The customer installed new equipment on the following date(s):

Behavioral or operational improvement.

- B) Energy savings achieved/to be achieved by the energy efficiency program:
  - If you checked the box indicating that the project involves the early replacement of fully functioning equipment replaced with new equipment, then calculate the annual savings [(kWh used by the original equipment) – (kWh used by new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: <u>518,685</u> kWh

2) If you checked the box indicating that the customer installed new equipment to replace equipment that needed to be replaced, then calculate the annual savings [(kWh used by less efficient new equipment) – (kWh used by the higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_ kWh

Please describe any less efficient new equipment that was rejected in favor of the more efficient new equipment.

 If you checked the box indicating that the project involves equipment for new construction or facility expansion, then calculate the annual savings [(kWh used by less efficient new equipment) – (kWh used by higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_ kWh

Please describe the less efficient new equipment that was rejected in favor of the more efficient new equipment.

4) If you checked the box indicating that the project involves behavioral or operational improvements, provide a description of how the annual savings were determined.

# Section 4: Demand Reduction/Demand Response Programs A) The customer's program involves (check the one that applies): X Coincident peak-demand savings from the customer's energy efficiency program. Actual peak-demand reduction. (Attach a description and documentation of the peak-demand reduction.) Potential peak-demand reduction (check the one that applies): The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a tariff of a regional transmission organization (RTO) approved by the Federal Energy Regulatory Commission. The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a program that is equivalent to an RTO program, which has been approved by the Public Utilities Commission of Ohio. B) On what date did the customer initiate its demand reduction program? Please See Exhibit 2 C) What is the peak demand reduction achieved or capable of being achieved (show calculations through which this was determined): 43 kW

# Section 5: Request for Cash Rebate Reasonable Arrangement (Option 1) or Exemption from Rider (Option 2)

Under this section, check the box that applies and fill in all blanks relating to that choice.

Note: If Option 2 is selected, the application will not qualify for the 60-day automatic approval. All applications, however, will be considered on a timely basis by the Commission.

A) The customer is applying for:

Option 1: A cash rebate reasonable arrangement.

OR

Option 2: An exemption from the energy efficiency cost recovery mechanism implemented by the electric utility.

OR

Commitment payment

- B) The value of the option that the customer is seeking is:
  - Option 1: A cash rebate reasonable arrangement, which is the lesser of (show both amounts):
    - A cash rebate of 336.060 (Rebate shall not exceed 50% project cost. Attach documentation showing the methodology used to determine the cash rebate value and calculations showing how this payment amount was determined.)
  - Option 2: An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider.
    - An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for months (not to exceed 24 months). (Attach calculations showing how this time period was determined.)

### OR

A commitment payment valued at no more than \$\_\_\_\_\_. (Attach documentation and calculations showing how this payment amount was determined.) OR

Ongoing exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for an initial period of 24 months because this program is part of the customer's ongoing efficiency program. (Attach documentation that establishes the ongoing nature of the program.) In order to continue the exemption beyond the initial 24 month period, the customer will need to provide a future application establishing additional energy savings and the continuance of the organization's energy efficiency program.)

## Section 6: Cost Effectiveness

The program is cost effective because it has a benefit/cost ratio greater than 1 using the (choose which applies):

- Total Resource Cost (TRC) Test. The calculated TRC value is: \_\_\_\_\_(Continue to Subsection 1, then skip Subsection 2)
- Utility Cost Test (UCT). The calculated UCT value is: **See Exhibit 3** (Skip to Subsection 2.)

Subsection 1: TRC Test Used (please fill in all blanks).

The TRC value of the program is calculated by dividing the value of our avoided supply costs (generation capacity, energy, and any transmission or distribution) by the sum of our program overhead and installation costs and any incremental measure costs paid by either the customer or the electric utility.

The electric utility's avoided supply costs were \_\_\_\_\_.

Our program costs were \_\_\_\_\_.

The incremental measure costs were \_\_\_\_\_.

## Subsection 2: UCT Used (please fill in all blanks).

We calculated the UCT value of our program by dividing the value of our avoided supply costs (capacity and energy) by the costs to our electric utility (including administrative costs and incentives paid or rider exemption costs) to obtain our commitment.

Our avoided supply costs were See Exhibit 3

The utility's program costs were See Exhibit 3

The utility's incentive costs/rebate costs were See Exhibit 3

## Section 7: Additional Information

Please attach the following supporting documentation to this application:

- Narrative description of the program including, but not limited to, make, model, and year of any installed and replaced equipment.
- A copy of the formal declaration or agreement that commits the program or measure to the electric utility, including:
  - 1) any confidentiality requirements associated with the agreement;
  - 2) a description of any consequences of noncompliance with the terms of the commitment;
  - 3) a description of coordination requirements between the customer and the electric utility with regard to peak demand reduction;
  - 4) permission by the customer to the electric utility and Commission staff and consultants to measure and verify energy savings and/or peak-demand reductions resulting from your program; and,
  - 5) a commitment by the customer to provide an annual report on your energy savings and electric utility peak-demand reductions achieved.
- A description of all methodologies, protocols, and practices used or proposed to be used in measuring and verifying program results. Additionally, identify and explain all deviations from any program measurement and verification guidelines that may be published by the Commission.

# **Ohio** Public Utilities Commission

**Application to Commit Energy Efficiency/Peak Demand Reduction Programs** (Mercantile Customers Only)

Case No.: 11-3700 -EL-EEC

State of Ohio :

Laura Hill, Affiant, being duly sworn according to law, deposes and says that:

1. I am the duly authorized representative of:

> Walgreen Co. [insert customer or EDU company name and any applicable name(s) doing business as]

2. I have personally examined all the information contained in the foregoing application, including any exhibits and attachments. Based upon my examination and inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete.

Accountant, Credits + Incentives Signature of Affiant & Title

Sworn and subscribed before me this <u>26 <sup>th</sup> day of <u>August</u>, <u>2011</u> Month/Year <u>Aue 2 Mice</u> Signature of official administering oath
<u>June E Bricco Wotary Pablic</u> Print Name and Title</u>

My commission expires on 05/17/12

OFFICIAL SEAL JUNE E BRICCO NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:05/17/12

#### Customer Legal Entity Name: Walgreen Co.

#### Site Address: Walgreens #1234 Principal Address: 6 Bagley Road

#### What date would you have replaced your

oject No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Lamp Replacements	Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs.	See attached savings calculation worksheets.	In about another year when the warrany was up.	N/A

Docket No. 11-3700

Site: 6 Bagley Road

#### Customer Legal Entity Name: Walgreen Co. Site Address: Walgreens #1234

Principal Address: 6 Bagley Road

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	366,960	366,960	366,960	)				
	Averag	e 366,960	366,960	366,960	)				
Project Number	Project Na	ame In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	01/07/2011	\$3,317	\$1,659	5,879	5,879	2	\$677	\$508
					-	-	-		
					-	-	-		
						-	-		
						-	-		
					-	-	-		
							-		
		Total	\$3,317		5,879	5,879	2	\$677	\$508

Docket No.11-3700Site:6 Bagley Road

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

#### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avo Cost \$/MWh (B)		ć	Avoided ost \$ (C)	U	tility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	6	\$	308	\$	1,812	\$	177	\$1,439	\$0	\$ 1,616	1.1
Total	6	\$	308		1,812		177	\$1,439	\$0	1,616	1.1

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

#### Walgreen Co. ~ Walgreens #1234

Docket No. 11-3700

Site: 6 Bagley Road

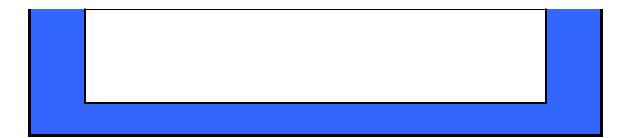
#### Lighting Inventory Form

Applicant Name: Facility Name: Date:

#### Instructions: Please also one line for each failure type in a norm or area. For existing or proposed control, choose OC to Coopany Sensor, DAVLTG for photoannoor, or NONE for none, Controls must save energy to quality. The total of column 5, the quarties of CH and estimating as in Column M, and the quartities of asmoot in Column R, will be used to calculate your incentive on the NonStandard Lighting form. Walgreen, Co. Store #3326 7/8/2011

		PROJECT B	ASIC INFORMATION			PREJIN	STALLATION						POST-INSTALL	ATION									5	nerov Calcul	ations				
Line Building Address Flo	or Area Description	Interior or Exterior	Predominant Space Type	Area Cooling	Pre Fixture	Pre Fixture Code	Pre Watts /	Pre kW /	Existing	Existing Pr	ost Post Fixtu	re Code P	ost Watts/	Post kW7	Proposed	Proposed	Interior Change		Change in	Applicant	Coincidence	Interactive	Interactive	Pre Controls	Post	Demand		Prescribed Annual	
Item		Fixture			Qty		Fixture (W)	Space (kW)	Control drop down	Sensor Fix Quantity Q	ture ity		Fixture (W)	Space (kW)	Control Please enter	Sensor Quantity	In Connected Load	Change in Connected	Connected Load	Coincidence Factor	Factor	Factor (demand)	Factor (energy)	Factor	Controls Factor	Savings (KW)	Equivalent Full Load	Equivalent Fixture Full Load Sav	e kWh
								()		When applicable	.,		()	()	DAYLTG, OCC or NONE.	When applicable	(kW) excluding	Load (kW)	(kW)			(041114110)	(01.01.877)		1 40101	()	Hours	Hours (exclu	luding
																		excluding CFL		Estimate							(EFLH)	CFLs	
																	Signs	or Exit Signs	exit sign								Estimate	Sig	ns)
e.g. 400 North Street 2	Office	Interior	Office - Small	Cooled Space	3	F44ILL	112	0.34	NONE		3 CFT55/	1-BX	56	0.17	OCC	3			0.17	84%	84%	34%	12%		30%	0.19	2,808	3,435	
e.g. Example 1	Restaurant	Exterior	Restaurant - Fast Food	Uncooled space	5	Example Cut Sheet 1	50	0.25	OCC	5	5 Example Cu	t Sheet 2	25	0.13	DAYLTG	5		0.13		88%	88%			30%	50%		8,760	4,156	_
1 4365 Mayfield Rd #3326 1	Retail	Interior	Other - Please estimate CF and EFLH	Cooled Space	282	Cut Sheet 1	28	7.90	NONE	2	B2 Cut Shi	aet 2	25	7.05	NONE		0.85					34%	12%				6,205	6,205 5,8	79
2									NONE						NONE														
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55									NONE						NONE														
56 57	-				+	1			NONE						NONE														
58	1				1	1			NONE						NONE				1										
59 60									NONE						NONE														
60	+	-			+	1			NONE						NONE				-										
62									NONE						NONE														
63 64	-				+	1			NONE						NONE														
65	1				1	1			NONE						NONE				1										
Totals					282			7.90			82			7.05			0.85			1								5,8	879

Project Estimate Savings Sum		
Estimated Annual kWh Savings	5,879	
otal Change in Connected Load	0.85	
		, 1
Annual Estimated Cost Savings	\$587.90	
Annual Operating Hours	6,205	
nterior Lighting incentive		1
60.80/W (excluding CFLs, sensors, or LED exit signs)	\$676.80	
exterior Lighting incentive @ 60.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL amp (includes all CFLs, both interior and exterior)	\$0.00	
otal LED Exit Incentive @ \$10/exit	\$0.00	
otal Lighting Controls Incentive @ 25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
otal Calculated Incentive	\$676.80	
otal Fixture Quantity excluding CFLs and ED Exit Sign	282	
otal Lamp Quantity for Screw-In CFLs	0	
otal Lamp Quantity for Hard-Wired CFLs	0	
otal Fixture Quantity for LED Exit Signs	0	
otal Quantity for Occupancy Sensors	0	
otal Quantity for Daylight Sensors	0	



#### Customer Legal Entity Name: Walgreen Co.

#### Site Address: Walgreens #3226 Principal Address: 6410 Broadway

What date would you have replaced your equipment if you had not replaced it early? Please describe the less efficient new Project Narrative description of your program including, but not limited to, Description of methodologies, protocols and practices Also, please explain briefly how you equipment that you rejected in favor of No. Project Name make, model, and year of any installed and replaced equipment: used in measuring and verifying project results determined this future replacement date. the more efficient new equipment. Lamp Replacements Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs. N/A 1 See attached savings calculation worksheets. In about another year when the warrany was up.

Docket No. 11-3700

Site: 6410 Broadway

#### Customer Legal Entity Name: Walgreen Co. Site Address: Walgreens #3226

Principal Address: 6410 Broadway

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	428,960	428,960	433,025	i				
	Average	428,960	428,960	433,025	=				
Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	03/29/2010	\$3,532	\$1,766	5,337	5,337	1	\$653	\$490
					-	-	-		
						-	-		
					-	-	-		
						-	-		
					-	-	-		
					-	-	-		
		Total	\$3,532		5,337	5,337	1	\$653	\$490

 Docket No.
 11-3700

 Site:
 6410 Broadway

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

#### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoide Cost \$/MWh (B)	d U1	tility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	5	\$ 30	8\$	1,645	\$ 177	\$490	\$0	\$ 667	2.5
Total	5	\$ 30	3	1,645	177	\$490	\$0	667	2.5

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

#### Walgreen Co. ~ Walgreens #3226

Docket No. 11-3700

Site: 6410 Broadway

#### Lighting Inventory Form

Applicant Name: Facility Name: Date: Walgreen, Co. Store #3226 7/28/2011

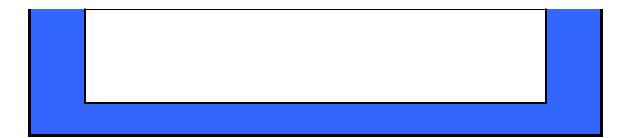
# technicitors: Please use one line for each stature type in a nom or area. For exempting or proposed control, divose OC for Docupany Sternor, DNVLTG for photoamour, or NONE for none. Controls must save energy to quality. The total of Carlom 5, the qualities of CPL and earl sign is Column X, and the qualities of animous in Column X, will be used to calculate your incentive on the NonStandard Lighting form.

				PROJECT E	ASIC INFORMATION			PRE-III	STALLATION						POST-INSTAL	LATION									E	nerov Calcula	tions			
Line	Building Ad	dress Floor	Area Description	Interior or Exterior	Predominant Space Type	Area Cooling		Pre Fixture Code	Pre Watts /	Pre kW /	Existing	Existing	Post	Post Fixture Code	Post Watts/	Post kW7	Proposed	Proposed	Interior Change	Exterior	Change in	Applicant Coincidence	Coincidence	Interactive	Interactive Factor (energy)	Pre Controls	Post	Demand .	Applicant	Prescribed Annual Interior
Item	1			Fixture			Qty		Fixture	Space (kW)	Control drop down	Sensor	Fixture		Fixture	Space (kW)	Control	Sensor	in Connected	Change in Connected	Connected	Coincidence	Factor	Factor	Factor	Factor	Controls	Savings E	Equivalent	Equivalent Fixture kWh
									(W)	(kW)	drop down	Quantity	Qty			(kW)		Quantity				Factor		(demand)	(energy)		Factor	(KW)		Full Load Saved
												When applicable					NONE.	When applicable	(kW) excluding	Load (kW)	(kW)								Hours	Hours (excluding
																				excluding CFLs		Estimate							(EFLH)	CFLs or Exit
																			Signs	or Exit Signs	exit sign								Estimate	Signs)
e.g.	400 North St	treet 2	Office	Interior Exterior	Office - Small	Cooled Space	3	F44ILL	112	0.34	NONE		3	CFT55/1-BX Example Cut Sheet 2	56	0.17	OCC	3			0.17	84%	84%	34%	12%		30%	0.19	2,808	3,435 4,156
e.g.	Example	1	Restaurant	Exterior	Restaurant - Fast Food	Uncooled space	5	Example Cut Sheet 1	50	0.25	0CC	5	5	Example Cut Sheet 2	25	0.13	DAYLTG	5		0.13		88%	88%			30%	50%		8,760	4,156
		#3226 1	Retail	Interior	Other - Please estimate CF and EFLH	Cooled Space	272	Cut Sheet 1	28	7.62	NONE		272	Cut Sheet 2	25	6.80	NONE		0.82					34%	12%				5,840	5,840 5,337
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Total	s						272			7.62	1	L	272			6.80	L		0.82											5,337

Page 1 of 3

Version 1.0

Project Estimate Savings Sum		
Estimated Annual kWh Savings	5,337	
Total Change in Connected Load	0.82	
		1
Annual Estimated Cost Savings	\$533.70	
Annual Operating Hours	5,840	
Interior Lighting Incentive @		
\$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$652.80	
Exterior Lighting incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL amp (includes all CFLs, both nterior and exterior)	\$0.00	
Total LED Exit Incentive @ \$10/exit sign	\$0.00	
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
		•
Total Calculated Incentive	\$652.80	
Total Fixture Quantity excluding CFLs and LED Exit Sign	272	
Total Lamp Quantity for Screw-In CFLs	0	
Total Lamp Quantity for Hard-Wired CFLs	0	
Total Fixture Quantity for LED Exit Signs	0	
Fotal Quantity for Occupancy Sensors	0	
Total Quantity for Daylight Sensors	0	



#### Customer Legal Entity Name: Walgreen Co.

#### Site Address: Walgreens #3234 Principal Address: 4281 W 130th

#### What date would you have replaced your

oject No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Lamp Replacements	Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs.	See attached savings calculation worksheets.	In about another year when the warrany was up.	N/A

Docket No. 11-3700

Site: 4281 W 130th

#### Customer Legal Entity Name: Walgreen Co. Site Address: Walgreens #3234

Principal Address: 4281 W 130th

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	353,760	353,760	357,395	5				
	Average	353,760	353,760	357,395	5				
Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	05/05/2010	\$3,452	\$1,726	5,505	5,505	1	\$653	\$490
					-	-	-		
						-	-		
					-	-	-		
						-	-		
					-	-	-		
						-	-		
		Total	\$3,452		5,505	5,505	1	\$653	\$490

Docket No. 11-3700 Site: 4281 W 130th

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.



#### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Ave Cost \$/MW (B)	t	(	Avoided Cost \$ (C)	U	tility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	6	\$	308	\$	1,697	\$	177	\$490	\$0	\$ 667	2.5
Total	6	\$	308		1,697		177	\$490	\$0	667	2.5

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

#### Walgreen Co. ~ Walgreens #3234

Docket No. 11-3700

Site: 4281 W 130th

#### Lighting Inventory Form

Version 1.0

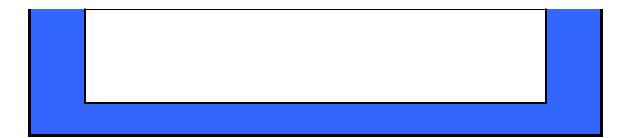
Applicant Name: Facility Name: Date: Walgreen, Co. Store #3234 7/28/2011

# technicitors: Please use one line for each stature type in a nom or area. For exempting or proposed control, divose OC for Docupany Sternor, DNVLTG for photoamour, or NONE for none. Controls must save energy to quality. The total of Carlom 5, the qualities of CPL and earl sign is Column X, and the qualities of animous in Column X, will be used to calculate your incentive on the NonStandard Lighting form.

PROJECT BASIC INFORMATION								PRE4	STALLATION						POST-INSTA	LLATION									E	nergy Calcula	ations					
Lin Iter	Building	Address	Floor	Area Description	Interior or Exterior Fixture	Predominant Space Type	Area Cooling	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Control drop down	Existing Sensor Quantity When applicable	Fixture	Post Fixture Code	Post Watts/ Fixture (W)	Post kW/ Space (kW)	Proposed Control Please enter DAYLTG, OCC or NONE.	Proposed Sensor Quantity When applicable	Interior Chang in Connected Load (kW) excluding CFLs or Exit Signs	Change in Connected	Load (kW) CFL or LED	Factor (CF)	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls	Post Controls Factor	Savings I (KW)		Full Load S Hours (ex CFL:	ual Interior ture KWh Saved kcluding _s or Exit Signs)
0.9	400 Nor	nh Street	2	Office	Interior	Office - Small	Cooled Space	3	F44ILL	112	0.34	NONE		3	CFT55/1-BX	56	0.17	OCC	3			0.17	84%	84%	34%	12%		30%	0.19	2,808	3,435	
0.9	Exa	mple	1	Restaurant	Interior Exterior	Restaurant - Fast Food	Cooled Space Uncooled space	5	F44ILL Example Cut Sheet 1	50	0.25	000	5	5	Example Cut Sheet 2	25	0.13	DAYLTG	5		0.13		88%	88%			30%	50%		8,760	4,156	
	4281 W 1	30th #3234	1	Retail	Interior	Other - Please estimate CF and EFLH	Cooled Space	272	Cut Sheet 1	28	7.62	NONE		272	Cut Sheet 2	25	6.80	NONE		0.82					34%	12%				6,023	6,023 5	5,505
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11/16/2011

Project Estimate Savings Sum		
Estimated Annual kWh Savings	5,505	
Total Change in Connected Load	0.82	
		1
Annual Estimated Cost Savings	\$550.50	
Annual Operating Hours	6,023	
Interior Lighting Incentive @		1
\$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$652.80	
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL amp (includes all CFLs, both interior and exterior)	\$0.00	
Total LED Exit Incentive @ \$10/exit sign	\$0.00	
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
		•
Total Calculated Incentive	\$652.80	
Total Fixture Quantity excluding CFLs and	272	
_ED Exit Sign Total Lamp Quantity for Screw-In CFLs	0	
Total Lamp Quantity for Hard-Wired CFLs	0	
Total Fixture Quantity for LED Exit Signs	0	
Total Quantity for Occupancy Sensors	0	
Total Quantity for Daylight Sensors	0	



#### Customer Legal Entity Name: Walgreen Co.

#### Site Address: Walgreens #3235 Principal Address: 16400 Chagrin

#### What date would you have replaced your

F	Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
	1	Lamp Replacements	Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs.	See attached savings calculation worksheets.	In about another year when the warrany was up.	N/A

Docket No. 11-3700

Site: 16400 Chagrin

#### Customer Legal Entity Name: Walgreen Co. Site Address: Walgreens #3235

Principal Address: 16400 Chagrin

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	353,760	353,760	357,380					
	Average	353,760	353,760	357,380	=				
Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	05/06/2010	\$3,970	\$1,985	5,505	5,505	1	\$653	\$490
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						-	-		
					-	-	-		
		Total	\$3,970		5,505	5,505	1	\$653	\$490

**Docket No.** 11-3700 **Site:** 16400 Chagrin

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

#### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Ave Cost \$/MW (B)	t	(	Avoided Cost \$ (C)	U	tility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	6	\$	308	\$	1,697	\$	177	\$490	\$0	\$ 667	2.5
Total	6	\$	308		1,697		177	\$490	\$0	667	2.5

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

#### Walgreen Co. ~ Walgreens #3235

Docket No. 11-3700

Site: 16400 Chagrin

#### Lighting Inventory Form

Version 1.0

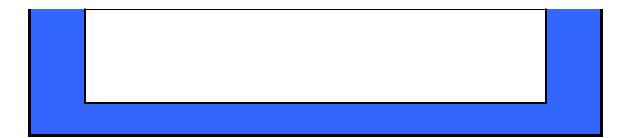
Applicant Name: Facility Name: Date: Walgreen, Co. Store #3234 7/28/2011

# technicitors: Please use one line for each stature type in a nom or area. For exempting or proposed control, divose OC for Docupany Sternor, DNVLTG for photoamour, or NONE for none. Controls must save energy to quality. The total of Carlom 5, the qualities of CPL and earl sign is Column X, and the qualities of animous in Column X, will be used to calculate your incentive on the NonStandard Lighting form.

					PROJECT E	ASIC INFORMATION			PRE-IN	STALLATION						POST-INSTAL	LATION									E	nergy Calcul	ations				
Lin	<ul> <li>Building</li> </ul>	Address	Floor	Area Description	Interior or Exterior	Predominant Space Type	Area Cooling	Pre Fixture	Pre Fixture Code	Pre Watts /	Pre kW /	Existing	Existing P	ost Po	Post Fixture Code	Post Watts/	Post kW7	Proposed	Proposed	Interior Change	Exterior	Change in	Applicant Coincidence	Coincidence	Interactive	Interactive	Pre Controls Factor	Post I	Demand Ap	plicant Pre	rescribed An	nnual Interior
Iter	1				Fixture			Qty		Fixture	Space (kW)	Control	Sensor Fit	xture		Fixture	Space (kW)	Control	Sensor	In Connected	Change in Connected	Connected	Coincidence	Factor	Factor	Factor	Factor	Controls 3	Savings Eq.		quivalent Fi	Fixture kWh
										(W)	(kW)		Quantity 0	Dity			(kW)	Please enter	Quantity				Factor		(demand)	(energy)		Factor		ull Load Fu	full Load	Saved
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1	4281 W 13	30th #3234	1	Retail	Interior	Other - Please estimate CF and EFLH	Cooled Space	272	Cut Sheet 1	28	7.62	NONE	2	272	Cut Sheet 2	25	6.80	NONE		0.82					34%	12%			e	6,023	6,023	5,505
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12/6/2011

Project Estimate Savings Sum		
Estimated Annual kWh Savings	5,505	
Total Change in Connected Load	0.82	
		1
Annual Estimated Cost Savings	\$550.50	
Annual Operating Hours	6,023	
Interior Lighting Incentive @		1
\$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$652.80	
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL amp (includes all CFLs, both interior and exterior)	\$0.00	
Total LED Exit Incentive @ \$10/exit sign	\$0.00	
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
		•
Total Calculated Incentive	\$652.80	
Total Fixture Quantity excluding CFLs and	272	
_ED Exit Sign Total Lamp Quantity for Screw-In CFLs	0	
Total Lamp Quantity for Hard-Wired CFLs	0	
Total Fixture Quantity for LED Exit Signs	0	
Total Quantity for Occupancy Sensors	0	
Total Quantity for Daylight Sensors	0	



#### Customer Legal Entity Name: Walgreen Co.

#### Site Address: Walgreens #3238 Principal Address: 14525 Euclid Ave

#### What date would you have replaced your

roject No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Lamp Replacements	Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs.	See attached savings calculation worksheets.	In about another year when the warrany was up.	N/A

Docket No. 11-3700

Site: 14525 Euclid Ave

Principal Address: 14525 Euclid Ave

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	421,440	421,440	423,739	1				
	Average	421,440	421,440	423,739	=				
Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	08/05/2010	\$4,117	\$2,059	5,632	5,632	1	\$689	\$517
					-	-	-		
						-			
					-	-	-		
						-			
					-	-	-		
						-	-		
		Total	\$4,117		5,632	5,632	1	\$689	\$517

Docket No. 11-3700 Site: 14525 Euclid Ave

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	6	\$ 308	\$ 1,736	\$ 177	\$517	\$0	\$ 694	2.5
Total	6	\$ 308	1,736	177	\$517	<b>\$</b> 0	694	2.5

## Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

## Walgreen Co. ~ Walgreens #3238

Docket No. 11-3700

Site: 14525 Euclid Ave

Version 1.0

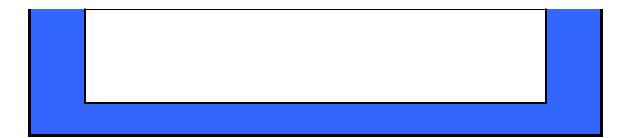
Applicant Name: Facility Name: Date: Walgreen, Co. Store #3238 7/28/2011

# technicitors: Please use one line for each stature type in a nom or area. For exempting or proposed control, divose OC for Docupany Sternor, DNVLTG for photoamour, or NONE for none. Controls must save energy to quality. The total of Carlom 5, the qualities of CPL and earl sign is Column X, and the qualities of animous in Column X, will be used to calculate your incentive on the NonStandard Lighting form.

				PROJECT E	ASIC INFORMATION			PRE-III	STALLATION						POST-INSTAL	LLATION									E	nerov Calcula	tions			
Line	Building A	ddress Floor	r Area Description	Interior or Exterior	Predominant Space Type	Area Cooling		Pre Fixture Code		Pre kW /	Existing	Existing	Post	Post Fixture Code	Post Watts/	Post kW7	Proposed	Proposed	Interior Change	Exterior	Change in	Applicant Coincidence	Coincidence	Interactive	Interactive Factor (energy)	Pre Controls	Post	Demand .	Applicant	Prescribed Annual Interi
Iten	1			Fixture			Qty		Fixture	Space (kW)	Control drop down	Sensor	Fixture		Fixture	Space (kW)	Control	Sensor	in Connected	Change in Connected	Connected	Coincidence	Factor	Factor	Factor	Factor	Controls	Savings E	Equivalent	Equivalent Fixture kWh
									(W)	(kW)	drop down	Quantity	Qty			(kW)	Please enter DAYLTG, OCC or	Quantity				Factor		(demand)	(energy)		Factor	(KW)		Full Load Saved
												When applicable					NONE.	When applicable	(kW) excluding	Load (kW)	(kW)								Hours	Hours (excluding
																				excluding CFLs		Estimate							(EFLH)	CFLs or Exi
																			Signs	or Exit Signs	exit sign								Estimate	Signs)
0.0	400 North	Street 2	Office	Interior	Office - Small	Cooled Space	3	F4411 I	112	0.34	NONE		3	CET55/1-BX	56	0.17	000	3			0.17	84%	84%	34%	12%		30%	0.19	2.808	3.435
0.0	Examp	le 1	Restaurant	Interior Exterior	Restaurant - Fast Food	Uncooled space	5	F44ILL Example Cut Sheet 1	50	0.25	OCC	5	5	Example Cut Sheet 2	25	0.13	DAYLTG	5		0.13		88%	88%			30%	50%		8,760	3,435 4,156
												-						-				0071					00770		0,100	
1	14525 Euclid	1#3238 1	Retail	Interior	Other - Please estimate CF and EFLH	Cooled Space	287	Cut Sheet 1	28	8.04	NONE		287	Cut Sheet 2	25	7.18	NONE		0.86					34%	12%				5.840	5,840 5,632
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64	+			-					_	_	NONE						NONE								_					
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104							201	1		0.04	1		287			7.18	•		0.00											0,632

11/16/2011

Project Estimate Savings Sum		
Estimated Annual kWh Savings	5,632	
Total Change in Connected Load	0.86	
		, ,
Annual Estimated Cost Savings	\$563.20	
Annual Operating Hours	5,840	
Interior Lighting Incentive @		•
\$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$688.80	
Exterior Lighting incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL amp (includes all CFLs, both interior and exterior)	\$0.00	
Total LED Exit Incentive @ \$10/exit sign	\$0.00	
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
		-
Total Calculated Incentive	\$688.80	
Total Fixture Quantity excluding CFLs and	287	
_ED Exit Sign Total Lamp Quantity for Screw-In CFLs	0	
Total Lamp Quantity for Hard-Wired CFLs	0	
Total Fixture Quantity for LED Exit Signs	0	
Total Quantity for Occupancy Sensors	0	
Total Quantity for Daylight Sensors	0	



#### Site Address: Walgreens #3256 Principal Address: 11401 Union Ave

#### Inion Ave

#### What date would you have replaced your

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Lamp Replacements	Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs.	See attached savings calculation worksheets.	In about another year when the warrany was up.	N/A

Docket No. 11-3700

Site: 11401 Union Ave

Principal Address: 11401 Union Ave

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	378,720	378,720	381,043					
	Average	378,720	378,720	381,043	=				
Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	08/10/2010	\$3,142	\$1,571	5,887	5,887		\$720	\$540
					-	-	-		
						-	-		
					-	-	-		
					-	-	-		
						-	-		
					-				
		Total	\$3,142		5,887	5,887	0	\$720	\$540

**Docket No.** 11-3700 **Site:** 11401 Union Ave

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	6	\$ 308	\$ 1,815	\$ 177	\$540	\$0	\$ 717	2.5
Total	6	\$ 308	1,815	177	\$540	\$0	717	2.5

## Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

## Walgreen Co. ~ Walgreens #3256

Docket No. 11-3700

Site: 11401 Union Ave

Applicant Name: Facility Name: Date:

Version 1.0

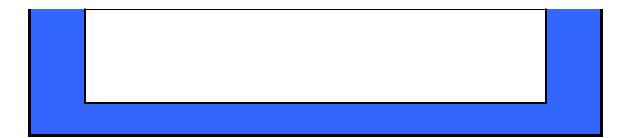
Walgreen, Co. Store #3256 7/28/2011

# technicitors: Please use one line for each stature type in a nom or area. For exempting or proposed control, divose OC for Docupany Sternor, DNVLTG for photoamour, or NONE for none. Controls must save energy to quality. The total of Carlom 5, the qualities of CPL and earl sign is Column X, and the qualities of animous in Column X, will be used to calculate your incentive on the NonStandard Lighting form.

				PROJECT E	BASIC INFORMATION			PRE-II	STALLATION						POST-INSTAL	LLATION									E	nerov Calcula	tions			
Line	Building Ac	Idress Floor	Area Description	Interior or Exterior	Predominant Space Type	Area Cooling	Pre Fixture	Pre Fixture Code	Pre Watts /	Pre kW /	Existing	Existing	Post	Post Fixture Code	Post Watts/	Post kW/	Proposed	Proposed	Interior Change	Exterior	Change in	Applicant Coincidence	Coincidence	Interactive	Interactive Factor (energy)	Pre Controls	Post	Demand .	Applicant	Prescribed Annual Interio
Item				Fixture			Qty		Fixture	Space (kW)	Control drop down	Sensor	Fixture		Fixture	Space (kW)	Control	Sensor	in Connected	Change in Connected	Connected	Coincidence	Factor	Factor	Factor	Factor	Controls	Savings E	quivalent	Equivalent Fixture kWh
									(W)	(kW)	drop down	Quantity	Qty			(kW)	Please enter DAYLTG, OCC or	Quantity				Factor		(demand)	(energy)		Factor	(KW)		Full Load Saved
												When applicable					NONE.		(kW) excluding	Load (kW)	(kW)	(CF)							Hours	Hours (excluding
																			CFLs or Exit	excluding CFLs		Estimate							(EFLH)	CFLs or Exit
																			Signs	or Exit Signs	exit sign								Estimate	Signs)
0.0	400 North S	Street 2	Office	Interior	Office - Small	Cooled Space	3	F4411 I	112	0.34	NONE		3	CET55/1-BX	56	0.17	000	3			0.17	84%	84%	34%	12%		30%	0.19	2.808	3,435
0.0	Exampl	0 1	Restaurant	Interior Exterior	Restaurant - Fast Food	Uncooled space	5	F44ILL Example Cut Sheet 1	50	0.25	000	5	5	Example Cut Sheet 2	25	0.13	DAYITG	5		0.13		88%	88%			32%	50%		8 760	3,435 4,156
	and the second											-	-					-				00/1	0070				00770			
1	11401 Union	#3256 1	Retail	Interior	Other - Please estimate CF and EFLH	Cooled Space	300	Cut Sheet 1	28	8.40	NONE		300	Cut Sheet 2	25	7.50	NONE		0.90					34%	12%				5.840	5,840 5,887
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59 60 61	1			1	i	1	-	1			NONE						NONE					-								
62	1		1	1			1				NONE	1	-				NONE													
63			1	1			1	1	1	1	NONE					1	NONE			1	1									
64											NONE						NONE													
65										1	NONE						NONE				1									
Total							300			8.40			300			7.50			0.90											5,887
								-			-	-					-													

11/16/2011

Project Estimate Savings Sum		
Estimated Annual kWh Savings	5,887	
Total Change in Connected Load	0.90	
		J •
Annual Estimated Cost Savings	\$588.70	
Annual Operating Hours	5,840	
Interior Lighting Incentive @		•
\$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$720.00	
Exterior Lighting incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL amp (includes all CFLs, both interior and exterior)	\$0.00	
Total LED Exit Incentive @ \$10/exit sign	\$0.00	
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
		•
Total Calculated Incentive	\$720.00	
Total Fixture Quantity excluding CFLs and	300	
_ED Exit Sign Total Lamp Quantity for Screw-In CFLs	0	
Total Lamp Quantity for Hard-Wired CFLs	0	
Total Fixture Quantity for LED Exit Signs	0	
Total Quantity for Occupancy Sensors	0	
Total Quantity for Daylight Sensors	0	



#### Site Address: Walgreens #3307 Principal Address: 15609 Lake Shore Blvd

#### What date would you have replaced your

 Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Lamp Replacements	Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs.	See attached savings calculation worksheets.	In about another year when the warrany was up.	NA

Docket No. 11-3700

Site: 15609 Lake Shore Blvd

Exhibit 1

Site Address: Walgreens #3307

Principal Address: 15609 Lake Shore Blvd

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	391,320	391,320	393,020					
	Average	391,320	391,320	393,020	=				
Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	09/08/2010	\$3,657	\$1,829	5,396	5,396	1	\$660	\$495
					-	-	-		
					-	-	-		
						-	-		
						-	-		
						-	-		
					-	-	-		
		Total	\$3,657		5,396	5,396	1	\$660	\$495

Docket No. 11-3700 Site: 15609 Lake Shore Blvd

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoid Cost \$/MWh (B)	ed U	Jtility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UСТ (Н)
1	5	\$ 30	)8 \$	1,663	\$ 177	\$495	\$0	\$ 672	2.5
Total	5	\$ 30	8	1,663	177	\$495	\$0	672	2.5

## Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

## Walgreen Co. ~ Walgreens #3307

Docket No. 11-3700

Site: 15609 Lake Shore Blvd

Version 1.0

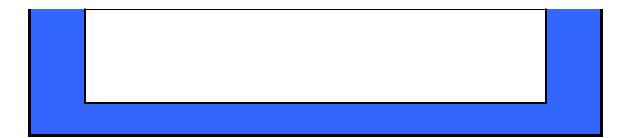
Applicant Name: Facility Name: Date: Walgreen, Co. Store #3307 7/28/2011

# technicitors: Please use one line for each stature type in a nom or area. For exempting or proposed control, divose OC for Docupany Sternor, DNVLTG for photoamour, or NONE for none. Controls must save energy to quality. The total of Carlom 5, the qualities of CPL and earl sign is Column X, and the qualities of animous in Column X, will be used to calculate your incentive on the NonStandard Lighting form.

				PROJECT E	BASIC INFORMATION			PRE-II	STALLATION						POST-INSTAL	LLATION									E	nerov Calcula	tions			
Line	Building A	ddress Floo	r Area Description	Interior or Exterior	Predominant Space Type	Area Cooling	Pre Fixture	Pre Fixture Code	Pre Watts /	Pre kW /	Existing	Existing	Post	Post Fixture Code	Post Watts/	Post kW7	Proposed	Proposed	Interior Change	Exterior	Change in	Applicant Coincidence	Coincidence	Interactive	Interactive Factor (energy)	Pre Controls	Post	Demand J	Applicant	Prescribed Annual Inter
Iten	1			Fixture			Qty		Fixture	Space (kW)	Control drop down	Sensor	Fixture		Fixture	Space (kW)	Control	Sensor	In Connected	Change in Connected	Connected	Coincidence	Factor	Factor	Factor	Factor	Controls	Savings E	Equivalent	Equivalent Fixture kWI
									(W)	(kW)	drop down	Quantity	Qty			(kW)	Please enter DAYLTG, OCC or	Quantity			Load	Factor		(demand)	(energy)		Factor	(KW) 1		Full Load Saved
												When applicable					NONE.		(kW) excluding	Load (kW)	(kW)	(CF)							Hours	Hours (excluding
																			CFLs or Exit	excluding CFLs		Estimate							(EFLH)	CFLs or Ex
																			Signs	or Exit Signs	exit sign								Estimate	Signs)
0.0	400 North	Street 2	Office	Interior	Office - Small	Cooled Space	3	F4411 I	112	0.34	NONE		3	CET55/1-BX	56	0.17	000	3			0.17	84%	84%	34%	12%		30%	0.19	2.808	3,435
0.0	Examp	10 1	Restaurant	Interior Exterior	Restaurant - Fast Food	Uncooled space	5	F44ILL Example Cut Sheet 1	50	0.25	OCC	5	5	Example Cut Sheet 2	25	0.13	DAYLTG	5		0.13		88%	88%			30%	50%		8,760	3,435 4,156
												-	-									00/1					00770		0,100	
1	15609 Lake Sh	lore #330 1	Retail	Interior	Other - Please estimate CF and EFLH	Cooled Space	275	Cut Sheet 1	28	7.70	NONE		275	Cut Sheet 2	25	6.88	NONE		0.83					34%	12%				5.840	5,840 5,396
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104							2/5	3		1.10		-	275			6.88			0.03											0,390

11/17/2011

Project Estimate Savings Sum		
Estimated Annual kWh Savings	5,396	
Total Change in Connected Load	0.83	
Annual Estimated Cost Savings	\$539.60	
Annual Operating Hours	5,840	
Interior Lighting Incentive @		
\$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$660.00	
Exterior Lighting incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL amp (includes all CFLs, both interior and exterior)	\$0.00	
Total LED Exit Incentive @ \$10/exit sign	\$0.00	
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
Total Calculated Incentive	\$660.00	
Total Fixture Quantity excluding CFLs and _ED Exit Sign	275	
Total Lamp Quantity for Screw-In CFLs	0	
Total Lamp Quantity for Hard-Wired CFLs	0	
Total Fixture Quantity for LED Exit Signs	0	
Total Quantity for Occupancy Sensors	0	
Total Quantity for Daylight Sensors	0	



#### Site Address: Walgreens #3313 Principal Address: 5264 Lee Rd

#### What date would you have replaced your

oject No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Lamp Replacements	Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs.	See attached savings calculation worksheets.	In about another year when the warrany was up.	N/A

Docket No. 11-3700

Site: 5264 Lee Rd

Principal Address: 5264 Lee Rd

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	457,200	457,200	457,200					
	Average	457,200	457,200	457,200	=				
Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	01/14/2011	\$3,616	\$1,808	6,401	6,401	1	\$737	\$553
					-	-	-		
							-		
					-	-	-		
						-	-		
						-	-		
					-	-	-		
		Total	\$3,616		6,401	6,401	1	\$737	\$553

**Docket No.** 11-3700 **Site:** 5264 Lee Rd

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoi Cost \$/MWh (B)		Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UСТ (Н)
1	6	\$	308 5	\$ 1,973	\$ 177	\$553	\$0	\$ 730	2.7
Total	6	\$ 3	808	1,973	177	\$553	\$0	730	2.7

## Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

## Walgreen Co. ~ Walgreens #3313

Docket No. 11-3700

Site: 5264 Lee Rd

Version 1.0

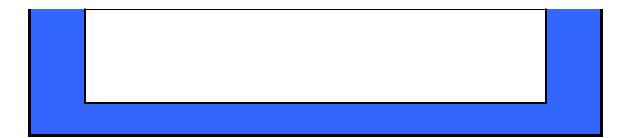
Applicant Name: Facility Name: Date: Walgreen, Co. Store #3313 7/28/2011

# technicitors: Please use one line for each stature type in a nom or area. For exempting or proposed control, divose OC for Docupany Sternor, DNVLTG for photoamour, or NONE for none. Controls must save energy to quality. The total of Carlom 5, the qualities of CPL and earl sign is Column X, and the qualities of animous in Column X, will be used to calculate your incentive on the NonStandard Lighting form.

					PROJECT BAS	SIC INFORMATION			PRE-II	STALLATION						POST-INSTAL	LLATION									E	nerov Calcula	tions				
Lin	Building A	ddress Flo	or Area Desci	iption Interio	ior or Exterior	Predominant Space Type	Area Cooling	Pre Fixture	Pre Fixture Code	Pre Watts /	Pre kW /	Existing	Existing	Post	Post Fixture Code	Post Watts/	Post kW/	Proposed	Proposed	Interior Change	Exterior	Change in	Applicant Coincidence	Coincidence	Interactive	Interactive Factor (energy)	Pre Controls	Post	Demand .	Applicant	Prescribed Annual Inte	terior
Iter	1				Fixture			Qty		Fixture	Space (kW)	Control drop down	Sensor	Fixture		Fixture	Space (kW)	Control	Sensor	In Connected	Change in Connected	Connected	Coincidence	Factor	Factor	Factor	Factor	Controls	Savings E	Equivalent	Equivalent Fixture KV	Wh
										(W)	(kW)	drop down	Quantity	Qty			(kW)	Please enter DAYLTG, OCC or	Quantity				Factor		(demand)	(energy)		Factor	(KW)		Full Load Saved	<i>i</i>
													When applicable					NONE.	When applicable	(kW) excluding	Load (kW)	(kW)								Hours	Hours (excludin	ing
																					excluding CFL:		Estimate							(EFLH)	CFLs or E	
																				Signs	or Exit Signs	exit sign								Estimate	Signs)	0
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0.0	400 North	Street 2	Office		Interior	Office - Small	Cooled Space	3	F44ILL	112	0.34	NONE		3	CET55/1-BX	56	0.17	OCC	3			0.17	84%	84%	34%	12%		30%	0.19	2.808	3,435	_
0.0	Examp	10 1	Restaur	ot B	Interior Exterior	Restaurant - Fast Food	Uncooled space	5	F44ILL Example Cut Sheet 1	50	0.25	OCC	5	5	Example Cut Sheet 2	25	0.13	DAYLTG	5		0.13		88%	88%			30%	50%		8.760	3,435 4,156	_
1	5264 Lee 1	#3313 1	Retai		Interior	Other - Please estimate CF and EFLH	Cooled Space	307	Cut Sheet 1	28	8.60	NONE		307	Cut Sheet 2	25	7.68	NONE		0.92					34%	12%				6,205	6,205 6,401	_
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11/17/2011

Project Estimate Savings Sum		
Estimated Annual kWh Savings	6,401	
Total Change in Connected Load	0.92	
		1
Annual Estimated Cost Savings	\$640.10	
Annual Operating Hours	6,205	
Interior Lighting Incentive @		-
\$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$736.80	
Exterior Lighting incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00	
Total LED Exit Incentive @ \$10/exit sign	\$0.00	
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
		•
Total Calculated Incentive	\$736.80	
Total Fixture Quantity excluding CFLs and LED Exit Sign	307	
Total Lamp Quantity for Screw-In CFLs	0	
Total Lamp Quantity for Hard-Wired CFLs	0	
Total Fixture Quantity for LED Exit Signs	0	
Total Quantity for Occupancy Sensors	0	
Total Quantity for Daylight Sensors	0	



#### Site Address: Walgreens #3326 Principal Address: 4365 Mayfield Rd

#### What date would you have replaced your

roject No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Lamp Replacements	Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs.	See attached savings calculation worksheets.	NA	NA

Docket No. 11-3700

Site: 4365 Mayfield Rd

Principal Address: 4365 Mayfield Rd

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	437,600	437,600	437,600	)				
	Average	437,600	437,600	437,600	7				
Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	01/18/2011	\$3,700	\$1,850	5,879	5,879	1	\$677	\$508
					-	-	-		
						-			
					-	-	-		
						-	-		
						-	-		
		Total	\$3,700		5,879	5,879	1	\$677	\$508

 Docket No.
 11-3700

 Site:
 4365 Mayfield Rd

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	6	\$ 308	\$ 1,812	\$ 177	\$508	\$0	\$ 685	2.6
Total	6	\$ 308	1,812	177	\$508	\$0	685	2.6

## Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

#### Walgreen Co. ~ Walgreens #3326

Docket No. 11-3700

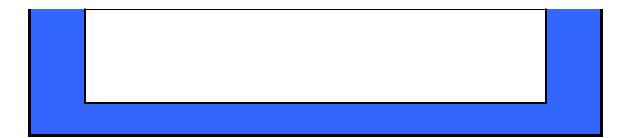
Site: 4365 Mayfield Rd

Applicant Name: Facility Name: Date:

## Instructions: Please also one line for each failure type in a norm or area. For existing or proposed control, choose OC to Coopany Sensor, DAVLTG for photoannoor, or NONE for none, Controls must save energy to quality. The total of column 5, the quarties of CH and estimating as in Column M, and the quartities of asmoos in Column R, will be used to calculate your incentive on the NonStandard Lighting form. Walgreen, Co. Store #3326 7/8/2011

		PROJECT B	ASIC INFORMATION			PREJN	STALLATION						POST-INSTAL	LATION									F	nergy Calcul	ations				
Line Building Address Floor	r Area Description	Interior or Exterior	Predominant Space Type	Area Cooling	Pre Fixture		Pre Watts /	Pre kW /	Existing	Existing I		Post Fixture Code	Post Watts/	Post kW7	Proposed	Proposed	Interior Change		Change in	Applicant	Coincidence	Interactive	Interactive	Pre Controls	Post	Demand	Applicant	Prescribed A	Annual Interior
Item		Fixture			Qty		Fixture (W)	Space (kW)	Control drop down	Sensor F Quantity	Dixture Oty		Fixture (W)	Space (kW)	Control Please enter	Sensor Quantity	in Connected Load	Change in Connected	Connected Load	Coincidence Factor	Factor	Factor (demand)	Factor (energy)	Factor	Controls Factor	Savings (KW)	Equivalent Full Load	Equivalent I Full Load	Fixture KWh Saved
										When applicable	~.,		(,		DAYLTG, OCC or NONE.	When applicable	(kW) excluding	Load (kW)	(kW)	(CF)		(041114110)				()	Hours	Hours	(excluding
																		excluding CFL		Estimate							(EFLH) Estimate		CFLs or Exit
																	Signs	or Exit Signs	eur sign								Estimate		Signs)
																													1
e.g. 400 North Street 2	Office	Interior	Office - Small	Cooled Space	3	F44ILL	112	0.34	NONE		3	CFT55/1-BX	56	0.17	OCC	3			0.17	84%	84%	34%	12%		30%	0.19	2,808	3,435	
e.g. Example 1	Restaurant	Exterior	Restaurant - Fast Food	Uncooled space	5	Example Cut Sheet 1	50	0.25	OCC	5	5 Exa	cample Cut Sheet 2	25	0.13	DAYLTG	5		0.13		88%	88%			30%	50%		8,760	4,156	
1 4365 Mayfield Rd #3326 1	Retail	Interior	Other - Please estimate CF and EFLH	Cooled Space	282	Cut Sheet 1	28	7.90	NONE		282	Cut Sheet 2	25	7.05	NONE		0.85					34%	12%				6,205	6,205	5,879
2									NONE						NONE														
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Totals	1				282	1		7.90	INJINE .		282			7.05	NUME		0.85												5,879
					-	-			-				-		-					-							-	_	

Project Estimate Savings Sum		
Estimated Annual kWh Savings	5,879	
otal Change in Connected Load	0.85	
		, 1
Annual Estimated Cost Savings	\$587.90	
Annual Operating Hours	6,205	
nterior Lighting incentive		1
60.80/W (excluding CFLs, sensors, or LED exit signs)	\$676.80	
exterior Lighting incentive @ 60.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL amp (includes all CFLs, both interior and exterior)	\$0.00	
otal LED Exit Incentive @ \$10/exit	\$0.00	
otal Lighting Controls Incentive @ 25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
otal Calculated Incentive	\$676.80	
otal Fixture Quantity excluding CFLs and ED Exit Sign	282	
otal Lamp Quantity for Screw-In CFLs	0	
otal Lamp Quantity for Hard-Wired CFLs	0	
otal Fixture Quantity for LED Exit Signs	0	
otal Quantity for Occupancy Sensors	0	
otal Quantity for Daylight Sensors	0	



#### Site Address: Walgreens #4130 Principal Address: 3020 Mayfield

#### What date would you have replaced your

oject No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Lamp Replacements	Replacing existing 28W T-8 fluorescent lamps with energy efficient 25W bulbs.	See attached savings calculation worksheets.	In about another year when the warrany was up.	N/A

Docket No. 11-3700

Site: 3020 Mayfield

Principal Address: 3020 Mayfield

		Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) Note 1					
	2010	449,360	449,360	449,360					
	Average	449,360	449,360	449,360	=				
Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2
1	Lamp Replacements	03/22/2011	\$4,227	\$2,114	6,401	6,401	1	\$737	\$553
					-	-	-		
						-	-		
						-	-		
						-	-		
						-	-		
					-	-	-		
		Total	\$4,227		6,401	6,401	1	\$737	\$553

Docket No. 11-3700 Site: 3020 Mayfield

Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	6	\$ 308	\$ 1,973	\$ 177	\$553	\$O	\$ 730	2.7
Total	6	\$ 308	1,973	177	\$553	<b>\$</b> 0	730	2.7

## Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).

(C) = (A) \* (B)

- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.

(G) = (D) + (E) + (F)

(H) =(C) / (G)

## Walgreen Co. ~ Walgreens #4130

Docket No. 11-3700

Site: 3020 Mayfield

Version 1.0

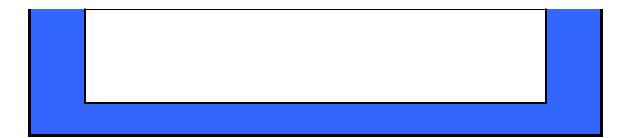
Applicant Name: Facility Name: Date: Walgreen, Co. Store #3313 7/28/2011

# technicitors: Please use one line for each stature type in a nom or area. For exempting or proposed control, divose OC for Docupany Sternor, DNVLTG for photoamour, or NONE for none. Controls must save energy to quality. The total of Carlom 5, the qualities of CPL and earl sign is Column X, and the qualities of animous in Column X, will be used to calculate your incentive on the NonStandard Lighting form.

					PROJECT B	ASIC INFORMATION			PRE4	STALLATION						POST-INSTAL	LLATION									E	nergy Calcul	ations				
Lin	Building.	Address	Floor	Area Description	Interior or Exterior Fixture	Predominant Space Type	Area Cooling	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Control drop down	Existing Sensor Quantity When applicable	Fixture	Post Fixture Code	Post Watts/ Fixture (W)	Post kW/ Space (kW)	Proposed Control Please enter DAYLTG, OCC or NONE.	Proposed Sensor Quantity When applicable	Interior Chang in Connected Load (kW) excluding CFLs or Exit Signs	Change in Connected	Load (kW) CFL or LED	Factor (CF)	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls	Post	Demand Savings (KW)	Applicant Equivalent Full Load Hours (EFLH) Estimate	Full Load Hours C	nnual Interior Fixture KWh Saved (excluding CFLs or Exit Signs)
0.0	400 North	th Street	2	Office	Interior	Office - Small	Cooled Space	3	F441LL	112	0.34	NONE		3	CFT55/1-BX	56	0.17	000	3			0.17	84%	84%	34%	12%		30%	0.19	2.808	3,435	
0.9	Exam	nple	3	Office Restaurant	Interior Exterior	Restaurant - Fast Food	Cooled Space Uncooled space	5	F44ILL Example Cut Sheet 1	50	0.25	000	5	5	Example Cut Sheet 2	25	0.13	DAYLTG	5		0.13		88%	88%			30%	50%		8,760	4,156	
	5264 Lee	e#3313	1	Retail	Interior	Other - Please estimate CF and EFLH	Cooled Space	307	Cut Sheet 1	28	8.60	NONE		307	Cut Sheet 2	25	7.68	NONE		0.92					34%	12%				6,205	6,205	6,401
2												NONE						NONE														
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1.054	-										0.00	•						•		V.04			•									

12/6/2011

Project Estimate Savings Sum		
Estimated Annual kWh Savings	6,401	
Total Change in Connected Load	0.92	
		1
Annual Estimated Cost Savings	\$640.10	
Annual Operating Hours	6,205	
		• •
structure for the second secon	\$736.80	
Exterior Lighting incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00	
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00	
Total LED Exit Incentive @ \$10/exit sign	\$0.00	
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00	
Total Calculated Incentive	\$736.80	
Total Fixture Quantity excluding CFLs and	307	
LED Exit Sign Total Lamp Quantity for Screw-In CFLs	0	
Total Lamp Quantity for Hard-Wired CFLs	0	
Total Fixture Quantity for LED Exit Signs	0	
Total Quantity for Occupancy Sensors	0	
Total Quantity for Daylight Sensors	0	



## This foregoing document was electronically filed with the Public Utilities

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in

Case No(s). 11-3700-EL-EEC

Summary: Application Part 1 of 3 - Application to Commit Energy Efficiency/Peak Demand Reduction Programs of The Cleveland Electric Illuminating Company and Walgreen Co. electronically filed by Ms. Jennifer M. Sybyl on behalf of The Cleveland Electric Illuminating Company and Walgreen Co.