

Customer Legal Entity Name: Moen Incorporated
Site Address: Moen Incorporated
Principal Address: 25300 Al Moen Drive

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	What date would you have replaced your 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	Moen Office Lighting Fixtures Energy Savings Retrofit Project	Replace all T12 lamps in building with T8. Replace (4) metal halide lights with LED. Replace incandescent lamps with TCP-23 watt.	See attached files for supporting documentation Moen_Lighting_Calculator_P1.xls and Moen_Engineering_Study_P1.xls.	The existing equipment estimated replacement would have been (5) years (2017). Determination of replacement would have been based on the maintenance and energy savings.	N/A

Exhibit 2

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	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C)	Note 1
2011	3,482,130	3,482,130	3,482,130	
2010	3,974,315	3,974,315	3,974,315	
2009	3,366,094	3,366,094	3,366,094	
Average	3,607,513	3,607,513	3,607,513	

Project Number	Project Name	In-Service Date	Project Cost \$	KWh Saved/Year Counting towards Utility compliance	KWh Saved/Year (D) eligible for incentive	Utility Peak Demand Reduction Contribution, KW	Commitment Payment \$
1	Moen Office Lighting Fixtures Energy Savings Retrofit Project	01/17/2012	\$74,044	141,513	141,513	45	
				-	-	-	
				-	-	-	
				-	-	-	
				-	-	-	
				-	-	-	
				-	-	-	
			Total	141,513	141,513	45	\$0

Docket No.	13-0070	Savings as percent of usage	3.9% Note 2
Site:	25300 Al Moen Drive	= Total (D) divided by Average (C)	

Site: 25300 Al Moen Drive

Customer Eligible Exemption Period: 48 Month(s) Note 3

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) Savings as a percent of usage is equal to the of total project savings (D) divided by the 3 year average Weather Adjusted Usage with Energy Efficiency Addbacks (C).

(3) Customer exemption determined by savings percentage in relation to energy efficiency schedule as set forth in O.R.C. 4928.66(A)(1)(a).

(4) The exemption period reflects the maximum potential exemption period. NOTE: The FirstEnergy Utilities cannot guarantee the length of the exemption period that will ultimately be approved by the Commission.

Exhibit 3 Utility Cost Test

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	142	\$ 308	\$ 43,626	\$ 4,050	\$0	\$1,415	\$ 5,465	8.0
Total	142	\$ 308	43,626	4,050	\$0	\$1,415	5,465	8.0

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)

Moen Incorporated ~ Moen Incorporated
Docket No. 13-0070

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Case No(s). 13-0070-EL-EEC

Summary: Exhibit - Amended Exhibit to Application to Commit Energy Efficiency/Peak Demand Reduction Programs of The Cleveland Electric Illuminating Company and Moen Inc. electronically filed by Ms. Jennifer M. Sybyl on behalf of The Cleveland Electric Illuminating Company and Moen Inc.