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Andrea R. Kells



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October 25, 2018

VIA Electronic Filing

Ms. M. Lynn Jarvis, Chief Clerk North Carolina Utilities Commission **Dobbs Building** 430 North Salisbury Street Raleigh, North Carolina 27603

> RE: Docket No. E-22, Sub 545—Application of Dominion Energy North Carolina, for Approval of Demand Side Management and Energy Efficiency Cost Recovery Rider Pursuant to N.C.G.S. 62-133.9 and Commission Rule R8-69

Dear Ms. Jarvis:

Enclosed for filing on behalf of Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina (the "Company"), in the above-referenced proceeding are Corrections to Dominion Energy North Carolina's May 1, 2018 Evaluation, Measurement & Verification Report ("EM&V Report"). As specifically identified in the Table 1 and Table 2 summary documents presented in Attachment 1 to this filing, the Company is resubmitting certain appendices to the Company's 2018 EM&V Report, with adjustments and corrections to the previous version submitted on May 1, 2018. Table 1 presents an explanation of the adjustments that were made, location in the May 1, 2018 EM&V Report, and brief explanation of the reason for the correction. Table 2 describes the impact of each adjustment (in kWh, kW, and percent change, as applicable) compared to those reported in the May 1, 2018 version of the EM&V Report. Attachment 2 to this filing presents the amended and corrected pages to Appendices B.6, C.7, D.7, and F of the Company's 2018 EM&V Report.

Certain information contained in Attachment 2 qualifies as "trade secrets" under N.C.G.S. § 66-152(3). Pursuant to N.C.G.S. § 132-1.2, the Company has redacted this confidential information from this public version of this filing and is contemporaneously filing a confidential version of this information under seal.

Ms. M. Lynn Jarvis, Chief Clerk October 25, 2018 Page 2

Please feel free to contact me with any questions. Thank you for your assistance in this matter.

Very truly yours,

/s/Andrea R. Kells

Enclosures

Attachment 1

Cover Page
Table 1
Table 2

DNV GL is re-submitting appendices to the May 1, 2018 EM&V Reporting of Dominion Energy's DSM Programs, with adjustments and corrections from the previous version submitted on May 1, 2018. This cover page summarizes those changes and includes the following tables:

- Table 1. Explanation of adjustments describes the adjustments that were made, locations in the May 1, 2018 EM&V report, and brief explanations of the reasons for the corrections.
- Table 2. Impact of adjustments shows the impacts of the adjustments, compared to those reported in the May 1, 2018 version of the EM&V report.

Table 1. Explanation of adjustments

Appendix Section and Title	Location of Correction	Reason for Correction
1. Adjustments to the Ro	esidential Retail LED Lighting I	Program annual hours of use value in the 2017 deemed savings
equation, and net-to-g	gross factor in the 2017 net adjus	sted savings calculations.
Appendix F. Section 17, Residential Retail LED Lighting Program	Table 128. Input Parameter for LED Lighting Savings	Adjusted hours of use per year (HOU) value from 1,059 hours/year referenced in the Opinion Dynamics "Evaluation of the PH2015 Duke Energy Progress Energy Efficient Lighting Program" report (Dec. 5,
		2016) to 920 hours/year referenced in the Northeast Energy Efficiency Partnership Mid-Atlantic Technical Reference Manual Version 7.0 (May 2017)
		This adjustment was made in response to requests by the North Carolina Public Staff Utilities Commission Re: 2018 NC DSM Case – Docket No. E-22 Sub 545 (EM&V report submitted on May 1, 2018) and Sub 556 Data Request No. 05 (on September 28, 2018).
Appendix B.6. North Carolina Residential Retail LED Lighting Program 2017	Net-to-Gross (NTG) Adjustment Factor	Error correcting for the misapplication of the Non-residential Small Business Improvement NTG factor of 93% to the Residential Retail LED Lighting Program. Corrected NTG to 85%, per program initial design assumptions, as documented in Table 3-3. Net-to-Gross Factor and Sources by Program, and Table 4-20. Residential LED Lighting Program Planning Assumptions in North Carolina of the EM&V report.
		This adjustment was made in response to requests by the North Carolina Public Staff Utilities Commission Re: 2018 NC DSM Case – Docket No. E-22 Sub 545 (EM&V report submitted on May 1, 2018) and Sub 556 Data Request No. 05 (on September 28, 2018).

2. Results from the adj	ustments in Virginia	
2. Results from the aug	ustments in virginia.	
B.6. North Carolina Residential Retail LED Lighting Program 2017	2017 Total Net Adjusted Savings (kWh/year) and Total Net Adjusted Demand Reduction (kW) values and all other values that are derived from them	These are the updated savings that resulted from edits to the Appendix F, Residential Retail LED Lighting Program HOU value, and the residential retail lighting program NTG factor value as mentioned above.
3. Cumulative results f	rom the adjustments in Virginia	and North Carolina.
C.7. Residential Retail LED Lighting Program 2017	All Table 1-5, 2017 Net kWh and Net kW values, and all other values that are derived from them.	Same reason as for B.6 above.
D.7. Residential Retail LED Lighting Program 2017	Same as for C.7 above.	Same reason as for B.6 above.

Table 2. Impact of adjustments

	State and		May 1, 2018 Reported 2017	Adjusted 2017 Gross Value. (Should match attached		Difference in % of May 1, 2018 Reported
Program	Appendix	Category	Gross Value	appendices)	Difference	Value
Residential	North	Total Net Adjusted				
Retail LED	Carolina	Savings			-488,447	
Lighting		(kWh/year)	2,371,259 kWh/year	1,882,812 kWh/year	kWh/year	-21%

Program 2018	Appendix	Total Net Adjusted				
	B.6.	Reduction (kW)	225 kW	206 kW	-19 kW	8%

Attachment 2

Amended and Corrected Pages to Appendices B, C, D and F

B. PROGRAM PERFORMANCE INDICATOR TABLES FOR NORTH CAROLINA

Oct 25 2018

EXTRAORDINARILY SENSITIVE INFORMATION REDACTED

B.6 North Carolina Residential Retail LED Lighting Program 2017

B.6.1 2017 Monthly Indicator Tables

NC- Residential LED Program		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
Category	Indicator	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Total
O&M(\$)	Direct Rebate													
O&M(\$)	Direct Implementation													
O&M(\$)	Direct EM&V													
D&M(\$)	Indirect Other (Administrative)	\$10	9 \$59	\$66	\$29:	\$193	\$234	\$7,133	\$2,772	\$3,525	\$3,472	\$2,532	\$5,772	\$26,160
Costs (\$)	Total													
Costs (\$)	Planned													
Costs (\$)	Variance													
	Cum. % toward planned total	09	6 0%	1%	1%	2%	2%	19%	25%	34%	42%	48%	61%	61%
Participants ¹	Total (Gross)		0 (0		0	0	0	5,018	14,683	14,758	19,836	15,966	70,26
	Planned (Gross)	13,75	0 13,750		13,75	13,750	13,750		13,750	13,750	13,750	13,750	13,750	165,00
	Variance	-13,75	0 -13,750	-13,750	-13,75	-13,750	-13,750	-13,750	-8,732	933		6,086	2,216	-94,73
	Cum % toward planned total (Gross)	09	6 0%	0%	0%	0%	0%	0%	3%	12%	21%	33%	43%	43%
nstalled kWh/year	Total Gross Deemed Savings (kWh/yr)	_	0 () 0			156,427	450,151	456,060	640.018	512,416	2,215,07
100%	Realization Rate Adjustment (kWh/yr)		0 0) 0		0	130,427	450,151	4,50,000	040,018	312,410	2,213,07
100%	Realization Rate Adjustment (kWh/yr) Realization Rate Adjusted Savings (kWh/yr)	_	0 () 0		0	156,427	450,151	456,060	640.018	512,416	2,215,07
85%	Net-To-Gross Adjustment (k Wh/yr)	-	0 () 0		0	-23,464	-67,523		-96,003	-76,862	-332,26
8376	Net Adjusted Savings (kWh/yr)		0 0) 0		0	132,963	382,628		544,016	435,554	1.882.81
	Planned Net Savings (kWh/yr)	187.56	6 187,566	187,566	187,56	187,566	187,566	187,566	187,566	187,566		187,566	187,566	2,250,78
	Cum. % Toward Net Planned Savings (kWh/yr)	187,50		107,500	107,50		187,500		187,500	23%		64%	84%	84%
	Avg. Gross Savings Per Participant (kWh/yr)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31	31		32	32	3
	Avg. Net Savings Per Participant (kWh/yr)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26	26		27	27	2
Installed kW	Total Gross Demand Reduction (kW)		0 () 0	17	49	50	70	5.0	242.
100%	Realization Rate Adjustment (kW)	-	0 0) 0		0	1/	49	30	/0	36	0.0
100%	Realization Rate Adjustment (k W) Realization Rate Adjusted Gross Demand Reduction (kW)	_	0 () 0		0	17	49	50	70	56	242.4
85%	Net-To-Gross Adjustment (kW)	-	0 () 0		0	1 /	49	70	-11	30	-36.
83 /6	Net Adjusted Demand Reduction (kW)		0 0) 0		0	-5	42	42	60	-0	206.
	Planned Net Demand Reduction (kW)	-	8 28	28	2:	2 29	28	28	28	28		28	28	331.
	Cum. % Toward Net Planned Demand Reduction (kW)	09		0%	0%				4%	17%		48%	62%	62.2%
	Avg. Gross Demand Reduction Per Participant (kW)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00	0.00		0.00	0.00	0.0
	Avg. Net Demand Reduction Per Participant (kW)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00	0.00		0.00	0.00	0.0
								1						
Program	Cum. \$Admin. per Cum. Participant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$2	\$1	\$1	\$0	SO	S
Performance	Cum. \$Admin, per Cum. Gross kWh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$0	\$0		\$0	\$0	\$0.0
	Cum. \$Admin. per Cum. Gross kW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$634	\$217	\$154	\$109	\$108	\$10
	Cum. \$EM&V per Cum. \$Total	0.09		0.0%	0.0%		0.0%	0.0%	3.5%	3.9%		6.8%	6.8%	6.8%
	Cum. \$Rebate per Cum. Participant			•	•									

1. A participant is a lamp.

Appendix C.7 Residential Retail LED Lighting Program 2017

PROGRAM: Residential LED Program
DSM Phase VI Program
Type: Energy Efficiency
Program Measure Life: 20.0 years

Table 1		Participati	on										Energy Sa	vinas									
			articipants										Net kWh										
		VA					NC					System	VA					NC NC					System
Month	Year	VA Monthly New	VA Monthly				NC Monthly New	NC Monthly Retired [-C retired]	NC Cum. for IRP (New + Retired) [G] = Σ [C] + Σ [-C retired]	NC Rate Reset Adi.	NC Cum. for Net Lost Revenue (NLR) (New + Retired + Rate Reset Adi.) [H] = \(\Sigma[C] + \Sigma[C] - C \) retired \(\) + D		VA Monthly New	VA Monthly Retired	VA Cum. for IRP (New + Retired)	VA Rate Reset Adi.	VA Cum. for Net Lost Revenue (NLR) (New + Retired + Rate Reset Adi.)	NC Monthly New	NC Monthly Retired	NC Cum. for IRP (New + Retired)	NC Rate Reset Adi.	NC Cum. for Net Lost Revenue (NLR) (New + Retired + Rate Reset Adi.)	
December	2016											0											0
January	2017					0	0		0		0	0						0		0		0	0
February	2017					0	0		0		0	0						0		0		0	0
March	2017					0	0		0		0	0						0		0		0	0
April	2017					0	0		0		0	0						0		0		0	0
Mav	2017					0	0		0		0	0						0		0		0	0
June	2017					0	0		0		0	0						0		0		0	0
July	2017					0	0		0		0	0						0		0		0	0
August	2017					0	5,018		5,018		5,018	5,018						13,036		13,036		13,036	13,036
September	2017					0	14.683		19.701		19.701	19.701						37.513		50.548		50.548 88,553	50.548 88,553
October	2017					0	14,758		34,459		34,459	5,018 19.701 34,459 54,295						38,005		88,553		88,553	88,553
November	2017					0	19,836		54,295		54,295	54,295						53,335		141,888		141,888	
December	2017					0	15,966		70,261		70,261	70,261						42,701		184,589		184,589	184,589

Table 1		Capacity S Net kW	avings										Energy Sav				avings / Pa	
		VA					NC				NC Cum. for Net Lost	System						
Month	Year	VA Monthly New	VA Monthly Retired	VA Cum. for IRP (New+Retired)	VA Rate Reset Adi.	VA Cum. for Net Lost Revenue (NLR)	NC Monthly New	NC Monthly Retired	NC Cum. for IRP (New + Retired)	NC Rate Reset Adi.	Revenue (NLR) (New + Retired + Rate Reset Adi.)	System Cum for IRP	VA	NC	System	VA	NC	System
December	2016											0						
January	2017					0	0		0		0	0		-	-			-
February	2017					0	0		0		0	0		-	-			-
March	2017					0	0		0		0	0			-			_
April	2017					0	0		0		0	0		-	-		_	_
Mav	2017					0	0		0		0	0					_	
June July	2017					0	0		0		0	0		-	-		1	_
August	2017					0	17		17		17	17		- 2	- 2		0.00	0.00
September	2017					0	49		66		66	66		2	2		0.00	0.00
October	2017					0	50		116		116			3	3		0.00	0.00
November	2017					0	70		186		186	186		3	3		0.00	0.00
December	2017					0	56		242		242			3	3		0.00	0.00

Appendix C.7 Residential Retail LED Lighting Program 2017

		1 M . W											
Table 2. EM&V Dat													
	Program Parti	ticipants						Net Increm	ental Energy (kWh)		 		
					NC IRP						NC TRP		
		VA IRP		VA NLR		NC NLR	System IRP		VA IRP	VA NLR		NC NLR	System IRP
2017		-		-	70,261	70,261	70,261		-	-	478,614	478,61	478,614
Table 3. EM&V Dat	ta Annualized by	y Vintage Year											
	Program Parti	ticipants						Net Annuali	zed Energy (kWh)				
		VA IRP		VA NLR	NC IRP	NC NLR	System IRP		VA IRP	VA NLR	NC IRP	NC NLR	System IRP
2017		VAIRP		VANLK	70.261	70.261			VAIRP	VANLK	2.215.073	2,215,07	
2017		-			/0,261	/0,261	/0,201		-		2,215,073	2,215,07	73 2,213,073
Table 4 EMRV Day	n Accumulated	through Vintage Year (for F	DDT\										
	Drogram Barti	ticinante						Not Energy	(IvWh) for DDT				
	Program Parti	ticipants						Net Energy	(kWh) for PPI				
	Program Parti	ticipants						Net Energy	(kWh) for PPI				
	Program Parti	ticipants			NC PPI		System	Net Energy VA	(kWh) for PPI		NC PPI		System
2017		ticipants			NC PPI 70.261				(kWh) for PPI				System
2017		ticipants							(kWh) for PPI		NC PPI 478,614		System
2017		ticipants							(kWh) for PPI				System
		ticipants							(kWh) for PPI				System
Table 5. EM&V	VA	ticipants							(kWh) for PPI				System
Table 5. EM&V Data Accumulated	VA	ticipants							(kWh) for PPI				System
Table 5. EM&V Data Accumulated	VA						System	VA					System
Table 5. EM&V Data Accumulated	VA						System						System
Table 5. EM&V Data Accumulated through Vintage Year (for IRP and	VA	ticipants			70,261		System	VA Net Energy	(kWh)		478,614		
Table 5. EM&V	VA			VA NLR		NC NLR 70,251	System IRP	VA Net Energy		VA NLR		NC NLR 478,61	System IRP

Appendix C.7 Residential Retail LED Lighting Program 2017

Table 2. EM&V Data										Increment			Increment		
	Net Peak D	emand (kW	n .		 					Net kWh/F	Participant 1	or IRP	Net kW/Pa	rticipant fo	or IRP
			VA IRP	VA NLR		NC IRP	NC NLI		System IRP	VA	NC	System	VA	NC	System
2017				-		242		242	242			7		-	0.00
Table 3. EM&V Data		.,								Annualized Savings/P	articipant		Savings/P		
-	Net Peak D	emand (kW	1)				_			Net kWh/F	Participant 1	or IRP	Net kW/P	articipant f	or IRP
			VA IRP	VA NLR		NC IRP	NC NLI	.	System IRP	VA	NC	System	VA.	NC	System
2017			-	-		242		242	242		32	32		0.00	0.00
Table 4. EM&V Data		ed through Demand (kW		1)				_			y Savings/F Participant	articipant	PPI Capad		/Participant
	VA					NC PPI			System	VA	NC	System	VA	NC	System
2017						242					/			0.00	
Table 5. EM&V Data Accumulated										IRP Energy	y Savings/F	Participant	IRP Capac	ity Savings	/Participant
	Net Peak D	emand (kW	1)							Net kWh/F	Participant		Net kW/P	articipant	
Year (for IRP and NLR)			VA TRP	VA NLR		NC IRP	NC NLI	,	System IRP	VA	NC	System	VA	NC	System
2017						242		242	242					0.00	0.00

Appendix D.7 Residential Retail LED Lighting Program 2017

PROGRAM: Residential LED Program DSM Phase VI Program Tvoe: Energy Efficiency Program Measure Life: 20.0 years

		_																							
Table 1		Participati	on										Tab	e 1	Energy S	avings									
		Program P	articipants												Net kWh										
		VA					NC					System			VA					NC					System
Month	Year	VA Monthly New	Revenue (NLR) NC NC NC Revenue (NLR) NC NC NC NC NC NC NC N							NC Cum. for Net Lost Revenue (NLR) (New + Retired + Rate Reset Adj.) H = Σ[C] + Σ[-C retired + D	System Cum for IRP	Month	Year	VA Monthl New	y VA Monthly Retired	VA Cum. for IRP (New + Retired)	VA Rate Reset Adj.	VA Cum. for Net Lost Revenue (NLR) (New + Retired + Rate Reset Adj.)	NC Monthly New	NC Monthly Retired	NC Cum. for IRP (New + Retired)	NC Rate Reset Adj.	NC Cum. for Net Lost Revenue (NLR) (New + Retired + Rate Reset Adj.)	System Cum for IRP	
December												0	December												0
January	2017	7				0	0		0		0	0	January	2017 2017						0		0		0	0
February	2017	²				0	0		0		0		February							0		0		0	0
March	2017	²				0	0		0		0		March	2017						0		0		0	0
April	2017	/				0	0		0		0	0	April	2017						0		0		0	0
May	2017	/				0	0		0		0	0	May	2017						- 0		0		0	0
June	2017					0			0		0	0	June	2017						0	-	0		0	0
July	2017				_	0	- 0		0			0	July	2017						0	-	0			0
August	2017					0	5.018		5.018 19,701		5.018	5.018	August	2017 2017						11.080	-	11.080		11.080	11.080
September						0	14,683	-			19,701		September							31,886	-	42,966		11.080 42,966 75.270 120,605	42,966
October	2017					0	14.758		34.459 54,295		34.459 54,295	34.459	October November	2017 2017						32.304	_	75.270 120,605		75.270	75.270 120,605
November December						0	19,836 15,966		70.261		70,261		December							45,335 36,296		120,605		156,901	156,901

Table 1		Capacity S	avings										Energy Sav			Capacity S		
		Net kW VA					NC					System	Net kWh/F	articipant 1	or IRP	Net kW/Pa	articipant fo	r IRP
Month	Year	VA Monthly New	VA Monthly Retired	VA Cum. for IRP (New+Retired)	VA Rate Reset Adj.	VA Cum. for Net Lost Revenue (NLR)	NC Monthly New	NC Monthly Retired	NC Cum. for IRP (New + Retired)	NC Rate Reset Adj.	NC Cum. for Net Lost Revenue (NLR) (New + Retired + Rate Reset Adj.)		VA	NC	System	VA	NC	System
December	2016											0						
January	2017					0	0		0		0	0		-	-		-	-
February	2017					0	0		0		0	0		-	-		-	-
March	2017					0	0		0		0	0			-		-	-
April May	2017 2017					0	0		0		0	0			-		-	-
June	2017					0	0		0	_	0	0			_		-	-
July	2017					i i	0		0		0	0					- :	
August	2017					0	15		15		15	15		2	2		0.00	0.00
September	2017					Ō	42		15 56		15 56	56		2	2		0.00	0.00
October	2017					0	42		99		99	99		2	2		0.00	0.00
November	2017					0	60		158		158	158		2	2		0.00	0.00
December	2017					0	48		206		206	206		2	2		0.00	0.00

Appendix D.7 Residential Retail LED Lighting Program 2017

Table 2. EM&V Data	a Increme	ental by Vinta	age Year												Table 2. EM&V Dat	a Increment	al by Vinta	ge Year					
2017	2017 70,261 70,261										System IRP 70,261		Net Increm	ental Energ	y (kWh) VA IRP	VA NLR		NC IRP 406,822	NC NLR 406,	System IRP 822 406,822			
	EM&V Data Annualized by Vintage Year												Table 3. EM&V Dat										
	Program	Participants														Net Annual	ized Energy	y (kWh)					
2017			VA IRF			VA NLR				NC IRP	61	NC I	NLR 70.261	System IRP 70.261	2017			VA IRP	VA NLR		NC IRP 1,882,812	NC NLR	System IRP 812 1,882,812
2017				-			-			/0,2	61		/0,261	/0,261	2017						1,882,812	1,882,	812 1,882,812
Table 5. EM&V Data Accumulated through Vintage		Participants	i												Table 5. EM&V Data Accumulated through Vintage	Net Energy	(kWh)						
Year (for IRP and NLR)			VA IRF			VA NLR				NC IRP		NC I	NLR 70.261		Year (for IRP and NLR)			VA IRP	VA NLR		NC IRP 406,822	NC NLR 406,8	System IRP 22 406,822

Appendix D.7 Residential Retail LED Lighting Program 2017

								Incremental Energy Savings/Participant		Incremental Capacity Savings/Participant				
Net Peak Demand (kW)								Net kWh/Participant for IRP		Net kW/Participant for IRP				
2017		VA IRP	VA NLR		NC IRP		NC NLR	System IRP		NC	System	VA	NC	System 0.00
2317					200		200	200						0.00
												1		
Table 3. EM&V Data Annualized by Vintage Year								Annualized Energy Savings/Participant		Annualized Capacity Savings/Participant				
	Net Peak Demand (kW	()							Net kWh/Participant for IRP		Net kW/Participant for IRP			
		VA IRP	VA NLR		NC IRP			System IRP		NC	System	VA	NC	System
2017		-	-		206		206	206		27	27		0.00	0.00
Table S. EM&V Data Accumulated IRP Energy Savings/Participant IRP Capacity Savings/Participant														
through Vintage									Net kWh/Participant			Net kW/Participant		
Year (for IRP and NLR)		VA IRP	VA NLR		NC IRP			System IRP		NC	System	VA	NC	System
2017			-		206		206	206		6	6		0.00	0.00

Input Variables

Table 1: Input Parameters for LED Lighting Savings

-					
Component	Туре	Value	Units	Sources	
Total Units	Variable	Total quantity of lighting bulbs	No. of bulbs	Customer application	
ISR	Variable	All LED (non-recessed downlight luminaire) = 0.98; Recessed Downlight Luminaire =1	-	Mid-Atlantic TRM 2017, p. 30, p. 21	
watts _{base}	Variable	See Table 2: Baseline Wattage Determination	watts	Mid-Atlantic TRM 2017, p. 29-30	
wattsee	Variable	See customer application.	watts	Customer application	
нои	Fixed	920	Hours/year	Mid-Atlantic TRM 2017, p. 31	
WHF _{eHeat}	Fixed	0.899	-	Mid-Atlantic TRM 2017, p. 32	
WHF _{eCool}	Fixed	1.077	-	Mid-Atlantic TRM 2017, p. 31	
WHFd	Fixed	1.17	-	Mid-Atlantic TRM 2017, p. 33	
CF	Fixed	0.084	-	Mid-Atlantic TRM 2017, p. 34	

For time of sale, the baseline wattage is assumed to be an incandescent or EISA compliant (where applicable) bulb installed in a screw-base socket. Note that the baseline will be EISA compliant bulbs for all categories to which EISA applies.

Table 2: Baseline Wattage Determination

Bulb Type	Lower Lumen Range	Upper Lumen Range	watts _{base}
	250	449	25
	450	799	29
	800	1099	43
Standard A-Type	1100	1599	53
Standard A-Type	1600	1999	72
	2000	2599	72
	2600	3000	150
	3001	3999	200
	4000	6000	300

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing <u>Corrections to Dominion Energy North</u>

<u>Carolina's May 1, 2018 Evaluation, Measurement & Verification Report</u>, filed in Docket

No. E-22, Sub 545, was served electronically or via U.S. mail, first-class postage prepaid,

upon all parties of record.

This the 25th day of October, 2018.

/s/ Andrea R. Kells

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