

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1306

Williams Exhibit No. 6
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February 27, 2024

Worksheet detailing energy efficiency certificate ("EEC") inventory

EEC inventory reconciliation - as of December 31, 2021	EECs ⁽¹⁾	Reference
EECs carried forward at Dec 31, 2017	8,713,917	2017 Compliance Report - Docket No. E-7, Sub 1162
EECs generated for 2018 per Company's annual update	3,060,454	E-7, Sub 1191, Williams Exhibit No. 6
Less: EECs used for compliance for 2018	1,400,307	2018 Compliance Report - Docket No. E-7, Sub 1191
EECs carried forward at Dec 31, 2018	10,374,064	2018 Compliance Report - Docket No. E-7, Sub 1191
EECs generated for 2019 per Company's annual update	3,044,778	E-7, Sub 1229, Williams Exhibit No. 6
Less: EECs used for compliance for 2019	1,487,017	2019 Compliance Report - Docket No. E-7, Sub 1229
EECs carried forward at Dec 31, 2019	11,931,825	2019 Compliance Report - Docket No. E-7, Sub 1229
EECs generated for 2020 per Company's annual update	4,244,798	E-7, Sub 1246, Williams Exhibit No. 6
Less: EECs used for compliance for 2020	1,466,063	2020 Compliance Report - Docket No. E-7, Sub 1246
EECs carried forward at Dec 31, 2020	14,710,560	2020 Compliance Report - Docket No. E-7, Sub 1246
EECs generated for 2021 per Company's annual update	3,929,238	E-7, Sub 1264, Williams Exhibit No. 6
Less: EECs used for compliance for 2021	2,775,593	2021 Compliance Report - Docket No. E-7, Sub 1264
EECs carried forward at Dec 31, 2021	15,864,205	2021 Compliance Report - Docket No. E-7, Sub 1264
EECs generated for 2022 per Company's annual update	4,110,919	E-7, Sub 1283, Williams Exhibit No. 6
Less: EECs used for compliance for 2022	2,903,403	2022 Compliance Report - Docket No. E-7, Sub 1283
EECs carried forward at Dec 31, 2022	17,071,721	2022 Compliance Report - Docket No. E-7, Sub 1283
EECs generated for 2023 per Company's annual update	4,218,881	Company workpapers ^(g)
Less: EECs used for compliance for 2023	2,952,956	2023 Compliance Report - Docket No. E-7, Sub 1306
EECs carried forward at Dec 31, 2023	<u>18,337,646</u>	

Summary workpapers - EECs generated

	Program year							Total	
	2009 - 2017	2018	2019	2020	2021	2022	2023		
Update for 2023 EECs generated - as of year-end 2023:									
Current view at year-end 2023	12,558,039	3,051,100	3,504,856	3,772,202	3,922,802	4,090,017	4,253,949	35,152,965	
Previously reported current view at year-end 2022	12,558,039	3,051,100	3,504,855	3,772,245	3,933,322	4,114,523		30,934,084	
Total adjustments to previously reported results	0	0	1	(43)	(10,520)	(24,506)			
Updated EECs created and available for 2023	(a)	(b)	(c)	(d)	(e)	(f)		4,218,881	
	<i>detail of adjustments at page 2 of 2</i>								(g)
Total EM&V and Participation adjustments	sum of (a) through (f)						(35,068)		
Current view EECs generated in 2023							4,253,949		
Net EECs generated and added to inventory - 2023							<u>4,218,881</u>		(g)

Footnote:

⁽¹⁾ Calculated EECs originate from details contained in the databases supporting Duke Energy Carolinas' energy efficiency filings, and are specific to North Carolina, calculated at the generation station level, are inclusive of free-ridership EE savings, and assume savings initiated in a program year continue only for the duration of the life of the applicable measure.

Detail for adjustments to previously reported results through program year 2022:

Adjustment type	Program	Program year						Total
		2017	2018	2019	2020	2021	2022	
° Evaluation, Measurement, & Verification ("EM&V"):								
	Non Residential Smart Saver® Energy Efficient HVAC Products	-	-	(1)	(2)	(7,346)	(17,168)	(24,517)
	Non Residential Smart Saver® Energy Efficient Lighting Products	-	-	0	0	(3,299)	(9,108)	(12,407)
	Residential Smart Saver®	-	-	0	0	-	2,638	2,638
	Residential Energy Assessments	-	-	(12)	(79)	(321)	(1,555)	(1,968)
	Energy Efficient Appliances and Devices	-	-	0	0	(114)	(1,612)	(1,726)
	Non Residential Saver® Energy Efficient Food Service Products	-	-	10	30	564	1,531	2,134
	Income Qualified Energy Efficiency and Weatherization Assistance	-	-	0	0	(14)	(23)	(37)
	Energy Efficiency Education	-	-	0	0	-	125	125
	Non Residential Saver® Energy Efficient Pumps and Drives Products	-	-	(1)	(3)	(4)	(2)	(10)
	Non Residential Energy Efficient ITEE	-	-	0	0	-	(0)	(0)
	Non Residential Saver® Energy Efficient Process Equipment Products	-	-	0	0	-	0	0
	Non Residential Saver® Custom Program Evaluation	-	-	0	0	-	70	70
	Multi-Family Energy Efficiency	-	-	0	0	-	(1)	(1)
								0
° Total EM&V adjustments		-	-	(5)	(55)	(10,534)	(25,105)	(35,699)
° Participation updates/adjustments:								
	Multi-Family Energy Efficiency	-	-	0	0	-	(1)	(1)
	EnergyWise for Business	-	-	6	13	14	527	559
	Small Business Energy Saver	-	-	0	0	-	73	73
° Total participation adjustments		-	-	6	13	14	599	631
Total adjustments to prior program years incorporated into 2023 current view - EE savings for CEPS		0	0	1	(43)	(10,520)	(24,506)	(35,068)
		(a)	(b)	(c)	(d)	(e)	(f)	

EM&V reports applicable to results reported above - included in Exhibit No. 8 to DEC witness Casey Fields' testimony filed in **Docket No. E-7, Sub 1305**:

EM&V Reports	Program Name As Filed	Effective Date
EM&V Report for the PowerShare® Program 2022-2023	PowerShare®	6/1/23
2020 – 2021 Smart Saver® Non-Residential Custom Program Evaluation	NonResidential Smart Saver® Custom	1/1/24
DEC/DEP Residential Assessments Evaluation	Residential Energy Assessments	varies: 9/1/21; 3/1/19; 3/1/20
Save Energy and Water Kit Program 2020-2021 Evaluation	Residential Energy Efficient Appliances and Devices	7/1/21
Smart Saver HVAC 2020-2022 Evaluation Report Duke Energy Carolinas and Progress	Residential Smart Saver®	4/1/22
Power Manager Winter BYOT 2022-2023 Evaluation	Power Manager®	4/1/23
Duke Energy Carolinas 2022 Power Manager Evaluation (Summer)	Power Manager®	10/1/21
Energy Efficiency in Schools Program 2021-2022 Evaluation	Residential Energy Efficiency Education	8/1/22
DEC Power Manager BYOT Winter 2021/2022 Evaluation	Power Manager®	4/1/22
Duke Energy Carolinas/Duke Energy Progress Non-Residential Smart Saver® Prescriptive Program Evaluation	NonResidential Smart Saver® Energy Efficient Products and Assessments	1/1/21