

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1283

Williams Exhibit No. 6
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Worksheet detailing energy efficiency certificate ("EEC") inventory

EEC inventory reconciliation - as of December 31, 2021

	EECs ⁽¹⁾	Reference
EECs carried forward at Dec 31, 2016	7,046,042	2016 Compliance Report - Docket No. E-7, Sub 1131
EECs generated for 2017 per Company's annual update	2,531,010	E-7, Sub 1162, Williams Exhibit No. 6
Less: EECs used for compliance for 2017	863,135	2017 Compliance Report - Docket No. E-7, Sub 1162
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	Company workpapers ^(g)
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

Summary workpapers - EECs generated

	Program year							Total
	2009 - 2016	2017	2018	2019	2020	2021	2022	
Update for 2022 EECs generated - as of year-end 2022:								
Current view at year-end 2022	9,946,925	2,611,114	3,051,100	3,504,855	3,772,245	3,933,322	4,114,523	30,934,084
Previously reported current view at year-end 2021	9,947,016	2,612,972	3,054,166	3,506,850	3,774,533	3,927,628	0	26,823,165
Total adjustments to previously reported results	(91)	(1,858)	(3,066)	(1,995)	(2,288)	5,694		
Updated EECs created and available for 2022	(a)	(b)	(c)	(d)	(e)	(f)		4,110,919
								(g)

detail of adjustments at page 2 of 2

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.

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Detail for adjustments to previously reported results through program year 2021:

Adjustment type	Program	Program year						Total
		2016	2017	2018	2019	2020	2021	
° Evaluation, Measurement, & Verification ("EM&V"):								
	Home Energy Comparison Report (HECR)	(91)	(1,858)	(3,066)	(2,797)	(3,175)	7,406	(3,581)
	Income Qualified Energy Efficiency and Weatherization Assistance (IQEE & WA)	-	-	-	(413)	(1,988)	(2,365)	(4,766)
	Small Business Energy Saver (SBES)	-	-	-	1,229	2,910	698	4,837
	EnergyWise for Business (EWB)	-	-	-	(6)	(12)	(14)	(32)
° Total EM&V adjustments		(91)	(1,858)	(3,066)	(1,987)	(2,265)	5,725	(3,542)
° Participation updates/adjustments:								
	Non Residential Smart Saver Energy Efficient Food Service Products (NFRS)	-	-	-	(10)	(29)	-32	(71)
	Non Residential Smart Saver Energy Efficient Lighting Products (NRLTG)	-	-	-	-	-	(10)	(10)
	HVAC Energy Efficiency (HVAC EE)	-	-	-	1	2	6	9
	Non Residential Smart Saver Energy Efficient Pumps and Drives Products (NRP&M)	-	-	-	1	4	5	10
° Total participation adjustments		-	-	-	(8)	(23)	(31)	(62)
Total adjustments to prior program years incorporated into 2022 current view - EE savings for REPS		(91)	(1,858)	(3,066)	(1,995)	(2,288)	5,694	(3,604)
		(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 1285**.

EM&V Reports	Report Finalization Date	Effective Date	Evaluation Type
My Home Energy Report Program Evaluation	3/6/2022	See Note (1)	Impact & Process
EM&V Report for the Duke Energy Multifamily Energy Efficiency Program	4/20/2022	7/1/2021	Impact & Process
Duke Energy Progress & Duke Energy Carolinas Neighborhood Energy Saver Program - 2021 Eval. Report - FINAL	5/11/2022	7/1/2019	Impact & Process
EM&V Report for the Duke Energy Small Business Energy Saver Program 2019-2020 (Revised)	6/9/2022	7/1/2020	Impact & Process
EM&V Report for the Duke Energy 2020/2021 EnergyWise Business Program	7/7/2022	10/1/2021	Impact
Smart \$aver Non-Residential Custom Program Years 2018-2019 Evaluation Report	7/14/2022	8/1/2022	Impact & Process
2021 Power Manager Evaluation Report (Includes Bring Your Own Thermostat)	11/22/2022	10/1/2021	Impact & Process
Duke Energy Carolinas & Duke Energy Progress Retail Lighting Program - 2022 Evaluation Report - Final	12/5/2022	4/1/2022	Impact & Process
Duke Energy Carolinas Low Income Weatherization Program (2019-2020) Evaluation Report	12/13/2022	1/1/2021	Impact & Process

Note (1): 2/1/2021 (MyHER, MyHER Interactive); 11/1/16 (Multifamily, Multifamily Interactive)