

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1264
Compliance Costs for the EMF Period January 1, 2021 to December 31, 2021

Williams Exhibit No. 1
Page 1 of 2
March 1, 2022

Line No.	Renewable Resource	RECs	MWh (Energy)	Total Cost	Avoided Cost	Incremental Cost	Avoided Cost Recovered in Fuel Cost Adjustment Rider
[REDACTED]							

[REDACTED]						\$ 36,379,204	
9	Other Incremental			\$ 1,291,990		\$ 1,291,990	(g)
10	Solar Rebate Program			\$ 1,908,249	Presson Exhibit No. 2	\$ 1,908,249	(h)
11	Research			\$ 855,793		\$ 855,793	(i)
12	Total			[REDACTED]	Presson Exhibit No. 2	\$ 40,435,236	(below)

Incremental cost category - excluding Solar Rebate Program cost (allocated to DEC NC retail only)				Incremental Cost	Percent of Total Incremental Cost
[REDACTED]					
15	Total combined DEC retail and wholesale customer REPS compliance cost			\$ 38,526,987	
[REDACTED]					
17	Total - subject to allocation to DEC NC retail			\$ 40,435,236	(above)

Allocate incremental cost of solar resources between solar compliance requirement and general compliance requirement:

18	[REDACTED]						
19	[REDACTED]						
20	[REDACTED]						
21	[REDACTED]						
22	[REDACTED]						
23	[REDACTED]						

REDACTED VERSION

DUKE ENERGY CAROLINAS, LLC
 Docket No. E-7, Sub 1264
 Projected Compliance Costs for the Billing Period September 1, 2022 to August 31, 2023

Williams Exhibit No. 1
 Page 2 of 2
 March 1, 2022

Line No.	Renewable Resource	RECs	MWh (Energy)	Total Cost	Avoided Cost	Incremental Cost	Avoided Cost Recovered in Fuel Cost Adjustment Rider
1	[REDACTED]						
2							
3							
4							
5							
6							
7							
8							
9	[REDACTED]					\$ 33,558,381	
10	Other Incremental			\$ 1,309,800		\$ 1,309,800	(g)
11	Estimated receipts related to contract performance			\$ (100,000)	Presson Exhibit No. 2	\$ (100,000)	(q)
12	Solar Rebate Program			\$ 2,483,363		\$ 2,483,363	(h)
13	Research			\$ 915,000		\$ 915,000	(i)
14	Total			[REDACTED]		<u>\$ 38,166,544</u>	(below)
				Presson Exhibit No. 2			
Incremental cost category - excluding Solar Rebate Program cost (allocated to DEC NC retail only)						Incremental Cost	Percent of Total Incremental Cost
[REDACTED]							
17	Total combined DEC retail and wholesale customer REPS compliance cost					\$ 35,683,181	
19	Total - subject to allocation to DEC NC retail					\$ 38,166,544	(above)
Allocate estimated incremental cost of solar resources between solar compliance requirement and general compliance requirement:							
20	[REDACTED]						
21							
22							
23							
24							
25							

Allocate incremental cost per customer class:

Combined DEC North Carolina Retail and Wholesale									
Line No.	Customer class	Total unadjusted number of accounts ⁽¹⁾	Adjustment for self-supplied requirements ⁽¹⁾	Total adjusted number of accounts ⁽¹⁾	Annual per account cost cap	Annual adjusted revenue cap	Cost cap allocation factor	Combined incremental REPS compliance cost for DEC NC retail / wholesale	Annual per account charge ⁽²⁾
1	Residential	1,926,310	747,347	1,178,963	\$ 27	\$ 31,832,001	53.3%	\$ 20,523,326	\$ 17.41
2	General	272,989	106,412	166,577	\$ 150	\$ 24,986,550	41.8%	\$ 16,111,986	\$ 96.72
3	Industrial	4,830	1,895	2,935	\$ 1,000	\$ 2,935,000	4.9%	\$ 1,891,675	\$ 644.52
4	Total	2,204,129	855,654	1,348,475		\$ 59,753,551	100.0%	\$ 38,526,987	(b)

Williams Exhibit No. 1,
Page 1, Line No. 15

Calculate DEC NC retail-only annual REPS compliance cost per customer class:

DEC North Carolina Retail Only				
Line No.	Customer class	Total adjusted number of accounts - DEC NC retail ⁽¹⁾	Annual per account charge ⁽²⁾	Incremental REPS compliance cost allocated to DEC NC retail
5	Residential	1,073,278	\$ 17.41	\$ 18,685,770
6	General	154,557	\$ 96.72	\$ 14,948,753
7	Industrial	2,783	\$ 644.52	\$ 1,793,699
8	Total	1,230,618		35,428,222

(a) Percent allocated to DEC NC retail 91.96% (a) / (b)

DEC NC retail components for cost allocation to customer class					
		Incremental REPS compliance cost by type	DEC NC retail incremental REPS compliance cost by type	Add: Solar Rebate Program cost	Total DEC NC retail REPS recovery cost by type
9	Set-aside, Other Incremental, and Research, + Solar Rebate Program	70.3%	\$ 24,906,040	\$ 1,908,249	\$ 26,814,289
10	General RECs	29.7%	\$ 10,522,182	\$ -	\$ 10,522,182
11	Total incremental REPS compliance cost for DEC NC retail	Williams Exhibit No. 1, Page 1, Line Nos. 13,14	\$ 35,428,222	\$ 1,908,249	37,336,471

(a) Williams Exhibit No. 1, Page 1, Line No. 16

Notes:

- (1) Average number of accounts subject to REPS charge during 2021.
- (2) Annual per account charges are the result of the allocation of REPS costs between Duke Energy Carolinas retail customers and the Company's wholesale REPS customers, and are used only for calculating the total cost obligations of Duke Energy Carolinas retail customers and the wholesale REPS customers, respectively. Proposed REPS rider charges per account are instead calculated using unadjusted REPS account totals by class - see Williams Exhibit No. 4.

Compliance Costs - EMF Period January 1, 2021 - December 31, 2021

DEC North Carolina Retail Only

Calculate Set-aside and other incremental costs per customer class:

Line No.	Customer class	Total unadjusted number of accounts ⁽¹⁾	Annual per account cost cap	Calculated annual revenue cap	Cost cap allocation factor	Allocated annual Set-aside, Other Incremental, Solar Rebate Program, and Research Cost
1	Residential	1,788,797	\$ 27	48,297,519	52.74%	\$ 14,141,990
2	General	257,595	\$ 150	38,639,250	42.19%	\$ 11,313,954
3	Industrial	4,639	\$ 1,000	4,639,000	5.07%	\$ 1,358,345
4	Total	2,051,031		91,575,769	100.00%	\$ 26,814,289

Williams Ex. No. 2 Pg 1
Line No. 9

Calculate General Requirement incremental costs per customer class:

Line No.	Customer class	Number of RECs for General compliance ^(a)	% of EE RECs supplied by class ⁽²⁾	REC requirement supplied by EE by class ^(b)	Number of General RECs net of EE (c) = (a) - (b)	General cost allocation factor (e) = (c) / (d)	Allocated annual General incremental costs
5	Residential		41.64%			61.23%	\$ 6,442,732
6	General		46.69%			38.76%	\$ 4,078,398
7	Industrial		11.67%			0.01%	\$ 1,052
8	Total		100.00%			100.00%	\$ 10,522,182

(d)

Williams Ex. No. 2 Pg 1
Line No. 10

Total cost allocation by customer class:

	Total Incremental REPS cost by class	% Incremental REPS cost by class
9 Residential	\$ 20,584,722	55.13%
10 General	\$ 15,392,352	41.23%
11 Industrial	\$ 1,359,397	3.64%
12 Total	\$ 37,336,471	100.00%

Williams Ex. No. 2 Pg 1
Line No. 11

- (1) Average number of accounts subject to REPS charge during 2021.
- (2) EE allocated to account type according to actual relative contribution by customer class of EE RECs.
- (3) Total General RECs per note (4) * "Cost Cap Allocation Factor" by class per line Nos. 1-3 above.
- (4) General REC requirement for EMF Period (total requirement net of solar, poultry, and swine set-asides)
- (5) Total REC requirement met with EE savings - capped at 40% total - allocated by class according to contribution by class

Total compliance requirement - EMF period	6,938,983
Maximum allowed to be met with EE savings	40%
REC requirement supplied by EE savings	2,775,593

Compliance Costs - EMF Period January 1, 2021 - December 31, 2021

Calculate incremental cost under/(over) collection per customer class:

OFFICIAL COPY
Mar 01 2022

DEC North Carolina Retail Only								
Line No.	Customer class	Allocated annual Set-aside, Other Incremental, Solar Rebate Program, and Research cost	Allocated annual General incremental costs	Total incremental costs incurred January - December 2021	Actual DEC NC retail REPS revenues realized January - December 2021	REPS EMF - under/(over)-collection, before interest	Interest on over-collection ⁽¹⁾	REPS EMF - under/(over)-collection
1	Residential	\$ 14,141,990	\$ 6,442,732	\$ 20,584,722	\$ 17,402,312	\$ 3,182,410	\$ -	\$ 3,182,410
2	General	\$ 11,313,954	\$ 4,078,398	\$ 15,392,352	\$ 12,652,794	\$ 2,739,558	\$ -	\$ 2,739,558
3	Industrial	\$ 1,358,345	\$ 1,052	\$ 1,359,397	\$ 930,063	\$ 429,334	\$ -	\$ 429,334
4	Total	\$ 26,814,289	\$ 10,522,182	\$ 37,336,471	\$ 30,985,169	\$ 6,351,302	\$ -	\$ 6,351,302
		Williams Ex. No. 2 Pg 2 Line No. 4	Williams Ex. No. 2 Pg 2 Line No. 8	Williams Ex. No. 2 Pg 2 Line No. 12				

Note:
(1) Interest calculated at annual rate of 10% for number of months from mid-point of EMF period to mid-point of prospective rider billing period.

Projected Compliance Costs - Billing Period September 1, 2022 - August 31, 2023

Allocate incremental cost per customer class:

Combined DEC North Carolina Retail and Wholesale

Line No.	Customer class	Total unadjusted number of accounts ⁽¹⁾	Adjustment for self-supplied requirements ⁽¹⁾	Total adjusted number of accounts ⁽¹⁾	Annual per account cost cap	Annual adjusted revenue cap	Cost cap allocation factor	Combined incremental REPS compliance cost for DEC NC retail / wholesale	Annual per account charge ⁽²⁾
1	Residential	1,949,877	756,922	1,192,955	\$ 27	\$ 32,209,785	53.4%	\$ 19,040,546	\$ 15.96
2	General	275,367	107,326	168,041	\$ 150	\$ 25,206,150	41.8%	\$ 14,901,296	\$ 88.68
3	Industrial	4,850	1,903	2,947	\$ 1,000	\$ 2,947,000	4.9%	\$ 1,741,339	\$ 590.89
4	Total	2,230,094	866,151	1,363,943		\$ 60,362,935	100.0%	\$ 35,683,181	

Williams Exhibit No. 1, page 2 Line No. 14

DEC North Carolina Retail Only

Line No.	Customer class	Total adjusted number of accounts - DEC NC retail ⁽¹⁾	Annual per account charge ⁽²⁾	Incremental REPS compliance cost allocated to DEC NC retail	
5	Residential	1,087,121	\$ 15.96	\$ 17,350,451	
6	General	155,789	\$ 88.68	\$ 13,815,369	
7	Industrial	2,792	\$ 590.89	\$ 1,649,765	
8	Total	1,245,702		32,815,585	(a)

Percent allocated to DEC NC retail
91.96% (a) / (b)

DEC NC retail components for cost allocation to customer class		Incremental REPS compliance cost by type	DEC NC retail incremental REPS compliance cost by type	Add: Solar Rebate Program cost	Total DEC NC retail REPS recovery cost by type
9	Set-aside, Other Incremental, and Research, + Solar Rebate Program	69.6%	\$ 22,839,647	\$ 2,483,363	\$ 25,323,010
10	General RECs	30.4%	\$ 9,975,938	\$ -	\$ 9,975,938
11	Total incremental REPS compliance cost for DEC NC retail		32,815,585	2,483,363	35,298,948

Notes:

Williams Exhibit No. 1, page 2 Line Nos. 15, 16 (a)

- (1) Projected number of accounts subject to REPS charge during the billing period.
- (2) Annual per account charges are the result of the allocation of REPS costs between Duke Energy Carolinas retail customers and the Company's wholesale REPS customers, and are used only for calculating the total cost obligations of Duke Energy Carolinas retail customers and the wholesale REPS customers, respectively. Proposed REPS rider charges per account are instead calculated using unadjusted REPS account totals by class - see Williams Ex. No. 4.

Projected Compliance Costs - Billing Period September 1, 2022 - August 31, 2023

DEC North Carolina Retail Only

Calculate Set-aside and other incremental costs per customer class:

Line No.	Customer class	Total unadjusted number of accounts ⁽¹⁾	Annual per account cost cap	Calculated annual revenue cap	Cost cap allocation factor	Allocated annual Set-aside, Other Incremental, Solar Rebate Program, and Research Cost
1	Residential	1,811,869	\$ 27	48,920,463	52.87%	\$ 13,389,420
2	General	259,649	\$ 150	38,947,350	42.10%	\$ 10,659,801
3	Industrial	4,654	\$ 1,000	4,654,000	5.03%	\$ 1,273,789
4	Total	2,076,172		92,521,813	100.00%	\$ 25,323,010

Williams Ex. No. 3 Pg 1
Line 9

Calculate General Requirement incremental costs per customer class:

Line No.	Customer class	Number of RECs for General compliance ⁽³⁾ (a)	% of EE RECs supplied by class ⁽²⁾	REC requirement supplied by EE by class ^(b)	Number of General RECs net of EE (c) = (a) - (b)	General cost allocation factor (e) = (c) / (d)	Allocated annual General incremental costs
5	Residential		41.6%			61.52%	\$ 6,137,197
6	General		46.7%			38.56%	\$ 3,846,722
7	Industrial		11.7%			-0.08%	\$ (7,981)
8	Total		100.0%			100.00%	\$ 9,975,938

(d)
Williams Ex. No. 3 Pg 1
Line 10

Total cost allocation by customer class:

	Total Incremental REPS cost by class	% Incremental REPS cost by class
9 Residential	\$ 19,526,617	55.32%
10 General	\$ 14,506,523	41.10%
11 Industrial	\$ 1,265,808	3.59%
12 Total	\$ 35,298,948	100.00%

Williams Ex. No. 3 Pg 1
Line 11

- Projected number of accounts subject to REPS charge during the billing period.
- EE allocated to account type according to actual projected contribution by customer class of EE RECs.
- Total General RECs per note (4) * "Cost Cap Allocation Factor" by class per line Nos. 1-3 above.
- Forecast general REC requirement for Billing Period (Total requirement net of solar, poultry, and swine set-asides)
- Total REC requirement projected to be met with EE savings - capped at 40% total - allocated by class according to contribution by class

Forecast total compliance requirement - billing period	7,258,496
Maximum allowed to be met with EE savings	40%
Forecast REC requirement supplied by EE savings	2,903,398

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1264

Williams Exhibit No. 3
Page 3 of 3
March 1, 2022

Projected Compliance Costs - Billing Period September 1, 2022 - August 31, 2023

Calculate incremental cost to collect per customer class - Billing Period:

DEC North Carolina Retail Only

Line No.	Customer class	Allocated annual Set-aside, Other Incremental, Solar Rebate Program, and Research cost	Allocated annual General incremental costs	Total incremental cost - September 1, 2020 - August 31, 2122
1	Residential	\$ 13,389,420	\$ 6,137,197	\$ 19,526,617
2	General	\$ 10,659,801	\$ 3,846,722	\$ 14,506,523
3	Industrial	\$ 1,273,789	\$ (7,981)	\$ 1,265,808
4	Total	\$ 25,323,010	\$ 9,975,938	\$ 35,298,948
		Williams Exhibit No. 3, Pg 2, line 4	Williams Exhibit No. 3, Pg 2, line 8	Williams Exhibit No. 3, Pg 2, line 12

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1264

Williams Exhibit No. 4
Page 1 of 1
March 1, 2022

Calculate DEC NC Retail monthly REPS rider components:

Line No.	Customer class	Total projected number of accounts -DEC NC retail ⁽¹⁾	Annual REPS EMF under/(over)-collection	Receipts for contract amendments, penalties, change-of-control, etc. ⁽³⁾	Total EMF costs/(credits)	Monthly EMF Rider ⁽²⁾	Projected total incremental REPS costs	Monthly REPS Rider ⁽²⁾
1	Residential	1,811,869	\$ 3,182,410	\$ (57,038)	\$ 3,125,372	\$ 0.14	\$ 19,526,617	\$ 0.90
2	General	259,649	\$ 2,739,558	\$ (42,650)	\$ 2,696,908	\$ 0.87	\$ 14,506,523	\$ 4.66
3	Industrial	4,654	\$ 429,334	\$ (3,767)	\$ 425,567	\$ 7.62	\$ 1,265,808	\$ 22.67
4		<u>2,076,172</u>	<u>\$ 6,351,302</u>	<u>\$ (103,455)</u>	<u>\$ 6,247,847</u>		<u>\$ 35,298,948</u>	

Williams Ex. No. 2 Pg 3 Line No. 4

Williams Ex. No. 3 Pg 3 Line No. 4

Compare total annual REPS charges per account to per-account cost caps:

Line No.	Customer class	Monthly EMF Rider ⁽²⁾	Monthly REPS Rider ⁽²⁾	Combined Monthly Rider ⁽²⁾	Regulatory Fee Multiplier	Total monthly REPS charge including regulatory fee	Total annual REPS charge including regulatory fee	Annual per account cost cap	Information only: Total annual REPS charge excluding solar rebate cost - for per-account cap comparison only
5	Residential	\$ 0.14	\$ 0.90	\$ 1.04	1.001302	\$ 1.04	\$ 12.48	\$ 27.00	\$ 11.66
6	General	\$ 0.87	\$ 4.66	\$ 5.53	1.001302	\$ 5.54	\$ 66.48	\$ 150.00	\$ 61.88
7	Industrial	\$ 7.62	\$ 22.67	\$ 30.29	1.001302	\$ 30.33	\$ 363.96	\$ 1,000.00	\$ 340.04

Notes:

- (1) Projected number of accounts subject to REPS charge during the billing period.
- (2) Per account rate calculations apply to Duke Energy Carolinas NC Retail customers only.
- (3) Credit for receipts for contract amendments, penalties, change-of-control, etc

Customer Class	Total contract receipts - EMF period Jan 2021 - Dec 2021	DEC NC retail percentage of EMF period costs - Williams Exhibit No. 2, Pg 1	Allocation to customer class - Williams Exhibit No. 2, Pg 2	DEC NC retail - Receipts for contract amendments, penalties, change-of-control, etc.
Residential			55.13%	\$ (57,038)
General			41.23%	\$ (42,650)
Industrial			3.64%	\$ (3,767)
Total contract payments received	<u>\$ (112,500)</u>	<u>\$ (103,455)</u>	<u>100.00%</u>	<u>\$ (103,455)</u>

(a) 91.96%

REPS (NC)
RENEWABLE ENERGY PORTFOLIO STANDARD RIDER

APPLICABILITY (North Carolina Only)

Service supplied to the Company's retail customer agreements is subject to a REPS Monthly Charge. This charge is adjusted annually, pursuant to North Carolina General Statute 62-133.8 and North Carolina Utilities Commission Rule R8-67 as ordered by the North Carolina Utilities Commission. This Rider is not applicable to agreements for the Company's outdoor lighting rate schedules, OL, PL, NL, nor for services defined as auxiliary to another agreement. An auxiliary service is defined as a non-demand metered, nonresidential service, provided on Schedule SGS, at the same premises, with the same service address, and with the same account name as an agreement for which a monthly REPS charge has been applied.

APPROVED REPS MONTHLY CHARGE

The Commission has ordered that a REPS Monthly Charge, which includes an Experience Modification Factor (EMF), be included in the customers' bills as follows:

RESIDENTIAL SERVICE AGREEMENTS

REPS Monthly Charge		0.90	\$/month
Experience Modification Factor	+	0.14	\$/month
Net REPS Monthly Charge		1.04	\$/month
Regulatory Fee Multiplier	×	1.001302	
Total REPS Monthly Charge per agreement per month		1.04	\$/month

GENERAL SERVICE AGREEMENTS

REPS Monthly Charge		4.66	\$/month
Experience Modification Factor	+	0.87	\$/month
Net REPS Monthly Charge		5.53	\$/month
Regulatory Fee Multiplier	×	1.001302	
Total REPS Monthly Charge per agreement per month		5.54	\$/month

INDUSTRIAL SERVICE AGREEMENTS

REPS Monthly Charge		22.67	\$/month
Experience Modification Factor	+	7.62	\$/month
Net REPS Monthly Charge		30.29	\$/month
Regulatory Fee Multiplier	×	1.001302	
Total REPS Monthly Charge per agreement per month		30.33	\$/month

USE OF RIDER

The REPS Billing Factor is not included in the Company's current rate schedules and will apply as a separate charge to each agreement for service covered under this Rider as described above, unless the service qualifies for a waiver of the REPS Billing Factor for an auxiliary service. An auxiliary service is a non-demand metered, nonresidential service on Schedule SGS for the same customer at the same service location.

To qualify for an auxiliary service, not subject to this Rider, the Customer must notify the Company, and the Company must verify that such agreement is considered an auxiliary service, after which the REPS Billing Factor will not be applied to qualifying auxiliary service agreements. The Customer shall also be responsible for notifying the Company of any change in service that would no longer qualify the service as auxiliary.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1264

Williams Exhibit No. 6
Page 1 of 2
March 1, 2022

Worksheet detailing energy efficiency certificate ("EEC") inventory

EEC inventory reconciliation - as of December 31, 2021

	EECs ⁽¹⁾	Reference
EECs carried forward at Dec 31, 2015	5,759,937	2015 Compliance Report - Docket No. E-7, Sub 1106
EECs generated for 2016 per Company's annual update	2,152,597	E-7, Sub 1131, Williams Exhibit No. 6
Less: EECs used for compliance for 2016	866,492	2016 Compliance Report - Docket No. E-7, Sub 1131
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	Company workpapers ^(e)
Less: EECs used for compliance for 2021	2,775,593	2021 Compliance Report - Docket No. E-7, Sub 1264 ⁽²⁾
EECs carried forward at Dec 31, 2021	15,864,205	2021 Compliance Report - Docket No. E-7, Sub 1264 ⁽²⁾

Summary workpapers - EECs generated

Update for 2021 EECs generated - as of year-end 2021:	Program year							Total
	2009 - 2015	2016	2017	2018	2019	2020	2021	
Current view at year-end 2021	7,654,793	2,292,223	2,612,972	3,054,166	3,506,850	3,774,533	3,927,628	26,823,165
Previously reported current view at year-end 2020	7,654,793	2,292,223	2,612,972	3,054,509	3,506,921	3,772,509		22,893,927
Total adjustments to previously reported results	0	0	0	(343)	(71)	2,024		
Updated EECs created and available for 2021	(a)	(b)	(c)	(d)	(e)	(f)		3,929,238 ^(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.

⁽²⁾ To be reported in DEC's 2021 Compliance Report when it is filed pursuant to the Commission's February 22, 2022 *Order Granting Extension of Time to Retire RECs and File REPS Compliance Report* issued in the current REPS rider Docket No. E-7, Sub 1264.

Detail for adjustments to previously reported results through program year 2020:

Adjustment type	Program	Program year						Total
		2015	2016	2017	2018	2019	2020	
° Evaluation, Measurement, & Verification ("EM&V"):								
	EnergyWise for Business (EWB)	-	-	-	-	(790)	(2,433)	(3,223)
	Non Residential Smart Saver Energy Efficient Lighting Products (NRLTG)	-	-	-	206	404	401	1,011
	Small Business Energy Saver (SBES)	-	-	-	-	-	(325)	(325)
	Income Qualified Energy Efficiency and Weatherization Assistance (IQEE & WA)	-	-	-	-	134	301	435
	Energy Efficient Appliances and Devices (EEAD)	-	-	-	139	325	218	682
	Energy Efficiency Education (K12)	-	-	-	-	-	(186)	(186)
° Total EM&V adjustments		-	-	-	345	73	(2,024)	(1,606)
° Participation updates/adjustments								
	Non Residential Smart Saver Energy Efficient Food Service Products (NFRS)	-	-	-	(2)	(2)	-	(4)
° Total participation adjustments		-	-	-	(2)	(2)	-	(4)
Total adjustments to prior program years incorporated into 2021 current view - EE savings for REPS		0	0	0	343	71	(2,024)	(1,610)
		(a)	(b)	(c)	(d)	(e)	(f)	

EM&V reports applicable to results reported above - included in Exhibit No. 8 to DEC witness Robert Evans' testimony filed in **Docket No. E-7, Sub 1265**.

EM&V Reports	Report Finalization Date	Effective Date	Evaluation Type
Duke Energy Carolinas Low Income Weatherization Program (2016-2018) Evaluation Report - Final	4/16/2021	1/1/2019	Impact & Process
2019-2020 Power Manager Evaluation Report	6/23/2021	1/1/2021	Impact & Process
Duke Energy Carolinas & Duke Energy Progress Online Savings Store Program 2021 Evaluation Report - Final	11/30/2021	Varies	Impact & Process
K12 Education Program 2019-2020 Evaluation Report - Submitted to Duke Energy Carolinas and Duke Energy Progress	12/2/2021	8/1/2020	Impact & Process
EM&V Report for the Duke Energy Small Business Energy Saver Program 2019-2020	11/23/2021	7/1/2020	Impact & Process
2020 EM&V Interim Report for the EnergyWise Business Program	2/5/2021	3/1/2019	Impact