

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

Line No.	Customer Class	Number of REPS Accounts ⁽¹⁾	Annual per account cost cap	Calculated annual revenue cap	Cost cap allocation factor	Allocated annual Set-aside, Other Incremental, Customer Solar Programs, and
1	Residential	1,286,978	\$ 27	\$ 34,748,406	51.3%	\$ 14,090,880
2	General	207,951	\$ 150	\$ 31,192,650	46.0%	\$ 12,648,979
3	Industrial	1,817	\$ 1,000	\$ 1,817,000	2.7%	\$ 736,814
4	Totals	<u>1,496,746</u>		<u>\$ 67,758,056</u>	<u>100%</u>	<u>\$ 27,476,672</u>

Williams Ex No. 1, Pg 1
Line 12

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 ^{(c) / (d)}	Allocated annual General incremental costs
5	Residential	2,198,751	51.46%	941,156	1,257,595	51.2%	\$ 6,039,508
6	General	1,973,755	46.18%	844,590	1,129,165	45.9%	\$ 5,422,733
7	Industrial	114,973	2.36%	43,162	71,811	2.9%	\$ 344,867
8	Totals	<u>4,287,479</u>	<u>100.00%</u>	<u>1,828,908</u>	<u>2,458,571</u>	<u>100.0%</u>	<u>\$ 11,807,108</u>
		(4)		(5)	(d)		Williams Ex No. 1, Pg 1 Line 13

Total cost allocation by customer class - EMF Period:

	Total Incremental REPS cost by class	% Incremental REPS cost by class
9 Residential	\$ 20,130,388	51.24%
10 General	\$ 18,071,712	46.00%
11 Industrial	\$ 1,081,681	2.75%
12 Total	<u>\$ 39,283,781</u>	<u>100.00%</u>

Williams Ex. No. 1 Pg 1
Line No. 14

- (1) Average number of accounts subject to REPS charge during the EMF Period.
(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 calendar 2022 (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 - calendar 2022	4,572,269
Maximum allowed to be met with EE savings	40%
REC requirement supplied by EE savings	<u>1,828,908</u>

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1320

Williams Exhibit No.
Page 2 of
June 13, 2023

Compliance Costs - EMF Period April 1, 2022 to March 31, 2023

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

Line No.	Customer class	Allocated annual Set-aside, Other Incremental, Customer Solar Programs, and Research cost	Allocated annual General incremental costs	Total incremental costs incurred (a)	Actual REPS rider revenues realized (b)	REPS EMF - under/(over)- collection, before interest (a) - (b) - (c)	Interest on over- collection ⁽¹⁾	REPS EMF - under/(over)- collection
1	Residential	\$ 14,090,880	\$ 6,039,508	\$ 20,130,388	\$ 19,395,551	\$ 734,836	\$ -	\$ 734,836
2	General	\$ 12,648,979	\$ 5,422,733	\$ 18,071,712	\$ 18,021,388	\$ 50,324	\$ -	\$ 50,324
3	Industrial	\$ 736,814	\$ 344,867	\$ 1,081,681	\$ 1,082,612	\$ (931)	\$ (155)	\$ (1,086)
4	Total	\$ 27,476,673	\$ 11,807,108	\$ 39,283,781	\$ 38,499,551	\$ 784,230	\$ (155)	\$ 784,075

<<<Williams Exhibit No. 2 page 1>>>

Notes:

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

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

Line No.	Customer Class	Number of REPS Accounts ⁽¹⁾	Annual per account cost cap	Calculated annual revenue cap	Cost cap allocation factor	Allocated annual Set-aside, Other Incremental, Customer Solar Programs, and Research cost
1	Residential	1,310,765	\$ 27	\$ 35,390,655	51.6%	\$ 15,007,881
2	General	209,738	\$ 150	\$ 31,460,700	45.9%	\$ 13,341,330
3	Industrial	1,709	\$ 1,000	\$ 1,709,000	2.5%	\$ 724,724
4	Totals	<u>1,522,212</u>		<u>\$ 68,560,355</u>	100.0%	<u>\$ 29,073,935</u>

Williams Ex No. 1, Pg 2
Line 14

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 ^{(c) / (d)}	Allocated annual General incremental costs
5	Residential	2,290,014	51.46%	996,220	1,293,794	51.7%	\$ 6,433,630
6	General	2,035,720	46.18%	894,004	1,141,716	45.7%	\$ 5,677,394
7	Industrial	110,584	2.36%	45,687	64,897	2.6%	\$ 322,712
8	Totals	<u>4,436,318</u>	100.00%	<u>1,935,911</u>	<u>2,500,407</u>	100.0%	<u>\$ 12,433,736</u>
		(4)		(5)	(d)		Williams Ex No. 1, Pg 2 Line 15

Total cost allocation by customer class:

		Total Incremental REPS cost by class	% Incremental REPS cost by class
9	Residential	\$ 21,441,511	51.66%
10	General	\$ 19,018,724	45.82%
11	Industrial	\$ 1,047,436	2.52%
12	Total	<u>\$ 41,507,671</u>	100.00%
		Williams Ex No. 1, Pg 2 Line 16	

- (1) Projected number of accounts subject to REPS charge during the billing period.
(2) EE allocated to account type according to actual projected 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) Forecast general REC requirement for Billing Period (Total requirement net of solar, poultry, and swine set-asides)
(5) 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 | 4,839,777 |
| Maximum allowed to be met with EE savings | 40% |
| Forecast REC requirement supplied by EE savings | <u>1,935,911</u> |

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1320

Williams Exhibit No. 3
Page 2 of 2
June 13, 2023

Projected Compliance Costs - Billing Period December 1, 2023 - November 30, 2024

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

Line No.	Customer Class	Allocated annual Set-aside, Other Incremental, Customer Solar Programs, and Research cost	Allocated annual General incremental costs	Total incremental cost
1	Residential	\$ 15,007,881	\$ 6,433,630	\$ 21,441,511
2	General	\$ 13,341,330	\$ 5,677,394	\$ 19,018,724
3	Industrial	\$ 724,724	\$ 322,712	\$ 1,047,436
4	Total	<u>\$ 29,073,935</u>	<u>\$ 12,433,736</u>	<u>\$ 41,507,671</u>
		Williams Exhibit No. 3, Pg 1, line 4	Williams Exhibit No. 3, Pg 1, line 8	Williams Exhibit No. 3, Pg 1, line 12

DUKE ENERGY PROGRESS, LLC
Docket No. E-2, Sub 1320

Williams Exhibit No.
Page 1 of
June 13, 2023

Calculate DEP NC Retail monthly REPS rider components:

Line No.	Customer class	Total projected number of accounts - DEP NC retail ⁽¹⁾	Annual REPS EMF under/(over)-collection	Receipts for contract amendments, penalties, change-of-control, etc. ⁽²⁾	Total EMF costs/(credits)	Monthly EMF Rider	Projected total incremental REPS costs	Monthly REPS Rider
1	Residential	1,310,765	\$ 734,836	\$ (1,802,958)	\$ (1,068,121)	\$ (0.07)	\$ 21,441,511	\$ 1.36
2	General	209,738	\$ 50,324	\$ (1,618,464)	\$ (1,568,140)	\$ (0.62)	\$ 19,018,724	\$ 7.56
3	Industrial	1,709	\$ (1,086)	\$ (94,277)	\$ (95,363)	\$ (4.65)	\$ 1,047,436	\$ 51.07
4		<u>1,522,212</u>	<u>\$ 784,075</u>	<u>\$ (3,515,700)</u>	<u>\$ (2,731,625)</u>		<u>\$ 41,507,671</u>	
			Williams Ex. No. 2, Pg 2			Williams Ex. No. 3, Pg 2		

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

Line No.	Customer class	Monthly EMF Rider	Monthly REPS Rider	Combined Monthly Rider	Regulatory Fee Multiplier	Monthly EMF rider including regulatory fee	Monthly REPS rider including regulatory fee	Combined monthly rider including regulatory fee	Combined annual rider including regulatory fee	Annual per account cost cap	Information only: Total Annual REPS Charge excluding Customer Solar Program cost - for per-account cap comparison
5	Residential	\$ (0.07)	\$ 1.36	\$ 1.29	1.001402	\$ (0.07)	\$ 1.36	\$ 1.29	\$ 15.48	\$ 27.00	\$ 14.18
6	General	\$ (0.62)	\$ 7.56	\$ 6.94	1.001402	\$ (0.62)	\$ 7.57	\$ 6.95	\$ 83.40	\$ 150.00	\$ 76.07
7	Industrial	\$ (4.65)	\$ 51.07	\$ 46.42	1.001402	\$ (4.66)	\$ 51.14	\$ 46.48	\$ 557.76	\$ 1,000.00	\$ 509.99

Notes:

- (1) Projected average number of accounts subject to REPS charge during the billing period.
(2) Credit for receipts for contract amendments, penalties, change-of-control, etc:

Customer Class	Total contract receipts - EMF period Apr 2022 - Mar 2023	Allocation to customer class - Williams Exhibit No. 2, Pg 1	Receipts for fees, contract amendments, penalties, change-of-control, etc.
Residential		51.28%	\$ (1,802,958)
General		46.04%	\$ (1,618,464)
Industrial		2.68%	\$ (94,277)
Total contract payments received - EMF Period	<u>\$ (3,515,700)</u>	<u>100.00%</u>	<u>\$ (3,515,700)</u>

Presson Exhibit No. 2