

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke)	
Energy Ohio, Inc., to Set its Electric)	Case No. 18-1042-EL-UEx
Uncollectible Recovery Rate Under)	
Rider UE-GEN.)	

**APPLICATION OF DUKE ENERGY OHIO, INC.
TO ADJUST AND SET THE RATE FOR ITS
ELECTRIC UNCOLLECTIBLE RECOVERY RATE UNDER RIDER UE-GEN**

Pursuant to R.C. 4909.18, Duke Energy Ohio, Inc., (Duke Energy Ohio or the Company) requests approval to set the rate for its electric uncollectible rider, Rider UE-GEN, and continued authority to defer uncollectible expense for subsequent recovery.

Duke Energy Ohio is an Ohio corporation engaged in the business of supplying electric transmission, distribution, and generation service to customers in southwestern Ohio, all of whom will be affected by this Application, and is a public utility as defined by R.C. 4905.02 and 4905.03. Duke Energy Ohio serves incorporated communities and unincorporated territory within its entire service area, which includes all or parts of Adams, Brown, Butler, Clinton, Clermont, Hamilton, Montgomery, and Warren Counties in Ohio.

In support of its Application, Duke Energy Ohio states as follows:

1. This Application is made pursuant to the Opinion and Order of the Public Utilities Commission of Ohio (Commission), issued November 22, 2011, in Case No. 11-3549-EL-SSO, *et al.* (Opinion and Order).¹ In its Opinion and Order, the Commission approved a stipulation in which the signatory parties agreed, among other things, that Duke Energy Ohio would

¹ *In the Matter of the Application of Duke Energy Ohio for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form of an Electric Security Plan, Accounting Modifications, and Tariffs for Generation Service*, Case No. 11-3549-EL-SSO, *et al.*, Opinion and Order, at pp. 18, 32-33, 48 (November 22, 2011).

implement an electric uncollectible expense rider (Rider UE-GEN), to enable recovery of uncollectible accounts expense related to generation service. Rider UE-GEN is applicable to all retail jurisdictional customers, including those taking generation service from competitive retail electric service (CRES) providers, except for those customer accounts designated by CRES providers as not part of Duke Energy Ohio's Purchase of Accounts Receivable (PAR) Program.

2. Rider UE-GEN is bypassable with regard to dual-billed customer accounts and customer accounts designated by CRES providers as not part of the PAR program, but is non-bypassable by all other retail customers, including standard service offer customers and customers designated by CRES providers as part of PAR program.

3. The electric uncollectible rider, Rider UE-GEN, currently has a monthly charge of \$0.000858 per kWh for residential customers and \$0.47 per bill for non-residential customers, which were approved in Case No. 17-1438-EL-UEx in a Finding and Order dated December 20, 2017.²

4. Pursuant to the terms of the stipulation and the Opinion and Order, Duke Energy Ohio now applies to the Commission to establish a value to recover incremental expenses for Rider UE-GEN. The total unrecovered balance as of March 31, 2019, is projected to be approximately \$5,018,734 for residential and \$357,746 for non-residential rate classes (exclusive of any fees for a third-party audit that the Commission may determine is required). The Company proposes Rider UE-GEN monthly charges of \$0.000690 per kWh for residential customers and \$0.41 per bill for non-residential customers. Attachment 1 provides the calculation of proposed rates for Rider UE-GEN. Attachments 2 and 3 are copies of the tariff for Rider UE-GEN, showing tracked changes and final language, respectively.

² *In the Matter of the Application of Duke Energy Ohio, Inc. to Adjust its Electric Uncollectible Recovery Rate Under Rider UE-GEN*, Case Nos. 17-1438-EL-UEx, *et al.*, Finding and Order (December 20, 2017).

5. In addition, Duke Energy Ohio notes that the Commission has previously authorized the Company to create a regulatory asset to defer variances in uncollectible expense in future periods for recovery or refund in further proceedings to adjust Rider UE-GEN. As such authority was not limited in duration, Duke Energy Ohio respectfully requests that the Commission clarify that the Company's authority to create a regulatory asset continues.

WHEREFORE, Duke Energy Ohio respectfully requests that the Commission approve this Application, subject to the terms outlined herein and in the testimony filed contemporaneously herewith.

Respectfully submitted,

Duke Energy Ohio, Inc.

/s/ Jeanne W. Kingery

Rocco O. D'Ascenzo (0077651)

Deputy General Counsel

Jeanne W. Kingery (0012172)

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Duke Energy Business Services LLC

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Duke Energy Ohio
139 East Fourth Street
Cincinnati, Ohio 45202

P.U.C.O. Electric No. 19
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RIDER UE-GEN

UNCOLLECTIBLE EXPENSE – ELECTRIC GENERATION RIDER

APPLICABILITY

Applicable to all retail jurisdictional customers in the Company's electric service territory including those customers taking generation service from a Competitive Retail Electric Service provider, except for those customer accounts not designated for Duke Energy Ohio's Purchase of Accounts Receivable.

DESCRIPTION

This rider enables the recovery of uncollectible accounts expense related to generation service. The amounts in the Rider will only be collected from the class (residential or non-residential) that created the uncollectible accounts expense. .

CHARGE

A charge of \$0.000690858 per kWh shall be applied to all kWh delivered to residential customers. A charge of \$0.417 per bill shall be applied to each non-residential customer.

Filed pursuant to an Order dated ~~December 20, 2017~~ in Case No. 187-1438-EL-UEX before the Public Utilities Commission of Ohio.

Issued: ~~December 21, 2017~~
2018

Effective: ~~January 2,~~

Issued by ~~James P. Henning~~ Amy B. Spiller, President

Duke Energy Ohio
139 East Fourth Street
Cincinnati, Ohio 45202

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RIDER UE-GEN

UNCOLLECTIBLE EXPENSE – ELECTRIC GENERATION RIDER

APPLICABILITY

Applicable to all retail jurisdictional customers in the Company's electric service territory including those customers taking generation service from a Competitive Retail Electric Service provider, except for those customer accounts not designated for Duke Energy Ohio's Purchase of Accounts Receivable.

DESCRIPTION

This rider enables the recovery of uncollectible accounts expense related to generation service. The amounts in the Rider will only be collected from the class (residential or non-residential) that created the uncollectible accounts expense. .

CHARGE

A charge of \$0.000690 per kWh shall be applied to all kWh delivered to residential customers. A charge of \$0.41 per bill shall be applied to each non-residential customer.

Filed pursuant to an Order dated ____ in Case No. 18-____-EL-UEx before the Public Utilities Commission of Ohio.

Issued: ____

Effective: ____

Issued by Amy B. Spiller, President

Line	Description	Source	Residential	Non-Residential
1	Total Unrecovered Balance at March 31, 2019	Page 3	\$5,018,734	\$357,746
2	Projected Billing Determinants 12 months ended March 31, 2019	Page 5	<u>7,293,336,085</u> kWh	<u>871,720</u> Bills
3	Calculated UE-GEN Rate		\$0.000688 per kWh	\$0.41 per bill
4	Rider UE-GEN Rate including CAT tax		\$0.000690 per kWh	\$0.41 per bill

Line		Actual											
		Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
Residential Under- /(Over-) Recovery													
1	Unrecovered Balance - Beginning of Month	\$2,466,910	\$2,345,659	\$2,311,466	\$2,224,901	\$2,106,063	\$1,956,077	\$1,920,104	\$1,865,812	\$1,888,128	\$1,773,691	\$1,424,612	\$1,101,495
2	Total Residential Bad Debt to be Recovered (Page 4 - 5)	(\$121,251)	(\$34,193)	(\$86,565)	(\$118,838)	(\$149,986)	(\$35,973)	(\$54,292)	\$22,316	(\$114,437)	(\$349,079)	(\$323,117)	(\$278,795)
3	Unrecovered Balance - End of Month	\$2,345,659	\$2,311,466	\$2,224,901	\$2,106,063	\$1,956,077	\$1,920,104	\$1,865,812	\$1,888,128	\$1,773,691	\$1,424,612	\$1,101,495	\$822,700
Total Non-Residential Under- /(Over-) Recovery													
4	Unrecovered Balance - Beginning of Month	\$166,739	\$156,947	\$151,488	\$148,710	\$150,189	\$148,875	\$149,807	\$145,985	\$145,871	\$143,982	\$133,589	\$113,394
5	Total Non-Residential Bad Debt to be Recovered (Page 4 - 5)	(\$9,792)	(\$5,458)	(\$2,778)	\$1,479	(\$1,314)	\$932	(\$3,822)	(\$114)	(\$1,889)	(\$10,394)	(\$20,195)	(\$23,481)
6	Unrecovered Balance - End of Month	\$156,947	\$151,488	\$148,710	\$150,189	\$148,875	\$149,807	\$145,985	\$145,871	\$143,982	\$133,589	\$113,394	\$89,913

Line		Projected											
		Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
Residential Under- /(Over-) Recovery													
1	Unrecovered Balance - Beginning of Month	\$822,700	\$1,143,174	\$1,433,679	\$1,740,716	\$2,094,714	\$2,475,427	\$2,883,851	\$3,241,832	\$3,568,961	\$3,946,265	\$4,347,388	\$4,716,029
2	Total Residential Bad Debt to be Recovered (Page 4 - 5)	\$320,474	\$290,505	\$307,037	\$353,998	\$380,713	\$408,424	\$357,981	\$327,129	\$377,304	\$401,123	\$368,641	\$302,705
3	Unrecovered Balance - End of Month	\$1,143,174	\$1,433,679	\$1,740,716	\$2,094,714	\$2,475,427	\$2,883,851	\$3,241,832	\$3,568,961	\$3,946,265	\$4,347,388	\$4,716,029	\$5,018,734
Total Non-Residential Under- /(Over-) Recovery													
4	Unrecovered Balance - Beginning of Month	\$89,913	\$110,369	\$128,912	\$148,510	\$171,106	\$195,407	\$221,477	\$244,327	\$265,207	\$289,290	\$314,894	\$338,424
5	Total Non-Residential Bad Debt to be Recovered (Page 4 - 5)	\$20,456	\$18,543	\$19,598	\$22,596	\$24,301	\$26,070	\$22,850	\$20,880	\$24,083	\$25,604	\$23,530	\$19,322
6	Unrecovered Balance - End of Month	\$110,369	\$128,912	\$148,510	\$171,106	\$195,407	\$221,477	\$244,327	\$265,207	\$289,290	\$314,894	\$338,424	\$357,746

Line	Description	Actual											
		Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
1	<u>Residential</u> kWh Sales	235,908,509	219,141,569	245,200,479	292,716,982	282,652,892	237,413,369	208,893,276	209,630,992	285,967,403	398,612,329	292,412,361	249,216,330
2	Net Charge Offs for Month (pages 6-7)	221,642	290,636	331,816	399,204	355,446	390,436	317,555	376,531	348,408	412,234	259,491	207,525
3	Recovery from Uncollectible Rider	\$343,786	\$325,676	\$419,471	\$519,392	\$506,750	\$427,521	\$372,816	\$355,138	\$464,052.03	\$763,298	\$584,126	\$487,588
4	CAT Tax	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068
5	LESS: Recovery from Uncollectible Rider less CAT TAX	\$342,893	\$324,829	\$418,381	\$518,042	\$505,432	\$426,409	\$371,847	\$354,215	\$462,845	\$761,313	\$582,608	\$486,320
6	Total Residential Bad Debt to be Recovered (Line 2 - Line 5)	(\$121,251)	(\$34,193)	(\$86,565)	(\$118,838)	(\$149,986)	(\$35,973)	(\$54,292)	\$22,316	(\$114,437)	(\$349,079)	(\$323,117)	(\$278,795)
7	<u>Non-Residential</u> Number of Bills	72,457	72,622	72,426	72,464	72,486	72,434	72,698	72,706	72,714	72,830	72,825	72,806
8	Net Charge Offs for Month (pages 6-7)	\$14,147	\$18,551	\$21,180	\$25,481	\$22,688	\$24,921	\$20,270	\$24,034	\$22,238	\$26,312	\$16,563	\$13,246
9	Recovery from Uncollectible Rider	\$24,001	\$24,071	\$24,021	\$24,064	\$24,065	\$24,051	\$24,155	\$24,211	\$24,190.13	\$36,801	\$36,854	\$36,822
10	CAT Tax	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068	1.0026068
11	LESS: Recovery from Uncollectible Rider less CAT TAX	\$23,939	\$24,009	\$23,958	\$24,002	\$24,002	\$23,989	\$24,092	\$24,148	\$24,127	\$36,706	\$36,758	\$36,727
12	Total Non-Residential Bad Debt to be Recovered (Line 8 - Line 11)	(\$9,792)	(\$5,458)	(\$2,778)	\$1,479	(\$1,314)	\$932	(\$3,822)	(\$114)	(\$1,889)	(\$10,394)	(\$20,195)	(\$23,481)
13	Total Bad Debt (Residential + Non-residential)	(\$131,043)	(\$39,651)	(\$89,343)	(\$117,359)	(\$151,300)	(\$35,041)	(\$58,114)	\$22,202	(\$116,326)	(\$359,473)	(\$343,312)	(\$302,276)

Line	Description	Projected												Total
		Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	
1	<u>Residential</u> kWh Sales	503,910,503	426,396,487	530,351,234	705,398,262	731,618,793	670,375,802	485,166,334	448,319,947	628,469,776	792,025,024	754,283,989	617,019,934	7,293,336,085
2	Net Charge Offs for Month (pages 6-7)	320,474	290,505	307,037	353,998	380,713	408,424	357,981	327,129	377,304	401,123	368,641	302,705	
3	Recovery from Uncollectible Rider	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4	CAT Tax													
5	LESS: Recovery from Uncollectible Rider less CAT TAX	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6	Total Residential Bad Debt to be Recovered (Line 2 - Line 5)	\$320,474	\$290,505	\$307,037	\$353,998	\$380,713	\$408,424	\$357,981	\$327,129	\$377,304	\$401,123	\$368,641	\$302,705	
7	<u>Non-Residential</u> Number of Bills	72,478	72,643	72,447	72,485	72,507	72,455	72,719	72,727	72,735	72,851	72,846	72,827	871,720
8	Net Charge Offs for Month (pages 6-7)	\$20,456	\$18,543	\$19,598	\$22,596	\$24,301	\$26,070	\$22,850	\$20,880	\$24,083	\$25,604	\$23,530	\$19,322	
9	Recovery from Uncollectible Rider	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
10	CAT Tax													
11	LESS: Recovery from Uncollectible Rider less CAT TAX	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
12	Total Non-Residential Bad Debt to be Recovered (Line 8 - Line 11)	\$20,456	\$18,543	\$19,598	\$22,596	\$24,301	\$26,070	\$22,850	\$20,880	\$24,083	\$25,604	\$23,530	\$19,322	
13	Total Bad Debt (Residential + Non-residential)	\$340,930	\$309,048	\$326,635	\$376,594	\$405,014	\$434,494	\$380,831	\$348,009	\$401,387	\$426,727	\$392,171	\$322,027	

Line	Description	Actual											
		Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
Excluding PAR													
1	Net Charge Offs for Month - Residential	\$ 275,982	\$ 430,349	\$ 524,742	\$ 576,660	\$ 528,789	\$ 631,774	\$ 481,015	\$ 557,197	\$ 424,943	\$ 452,831	\$ 205,449	\$ 162,034
2	Net Charge Offs for Month - Non - Residential	\$ 17,616	\$ 27,469	\$ 33,494	\$ 36,808	\$ 33,752	\$ 40,326	\$ 30,703	\$ 35,566	\$ 27,124	\$ 28,904	\$ 13,114	\$ 10,343
3	Net Charge Offs for Month - Total	\$ 293,598	\$ 457,818	\$ 558,236	\$ 613,468	\$ 562,541	\$ 672,100	\$ 511,718	\$ 592,763	\$ 452,067	\$ 481,735	\$ 218,563	\$ 172,376
4	Electric Generation Revenue (b)	\$ 19,717,932	\$ 18,838,328	\$ 20,435,327	\$ 23,696,998	\$ 23,422,044	\$ 19,890,549	\$ 17,239,845	\$ 16,864,959	\$ 21,079,955	\$ 26,584,763	\$ 20,357,153	\$ 18,671,134
5	Electric Retail Revenue (c)	\$ 73,195,094	\$ 71,520,093	\$ 79,598,536	\$ 89,869,948	\$ 88,927,338	\$ 79,913,688	\$ 71,946,846	\$ 69,894,115	\$ 81,022,003	\$ 99,128,947	\$ 82,929,668	\$ 76,022,538
6	Generation Revenue as a % of Electric Retail Revenue	26.93890%	26.33990%	25.67300%	26.36810%	26.33840%	24.89000%	23.96190%	24.12930%	26.01760%	26.81840%	24.54750%	24.56000%
7	Net Charge Offs for Month Allocated to Generation (Excluding PAR)	\$ 79,092	\$ 120,589	\$ 143,316	\$ 161,760	\$ 148,164	\$ 167,286	\$ 122,617	\$ 143,030	\$ 117,617	\$ 129,194	\$ 53,652	\$ 42,336
PAR Only													
8	Net Charge Offs for Month - Residential	\$ 49,913	\$ 84,085	\$ 93,408	\$ 121,874	\$ 93,274	\$ 128,857	\$ 110,540	\$ 151,911	\$ 122,068	\$ 137,480	\$ 90,933	\$ 57,264
9	Net Charge Offs for Month - Non - Residential	\$ 3,186	\$ 5,367	\$ 5,962	\$ 7,779	\$ 5,954	\$ 8,225	\$ 7,056	\$ 9,696	\$ 7,792	\$ 8,775	\$ 5,804	\$ 3,655
10	Net Charge Offs for Month - Total	\$ 53,099	\$ 89,452	\$ 99,370	\$ 129,653	\$ 99,228	\$ 137,082	\$ 117,596	\$ 161,607	\$ 129,859	\$ 146,255	\$ 96,737	\$ 60,919
11	Net Charge Offs for Month Allocated to Generation (PAR Only)	\$ 53,099	\$ 89,452	\$ 99,370	\$ 129,653	\$ 99,228	\$ 137,082	\$ 117,596	\$ 161,607	\$ 129,859	\$ 146,255	\$ 96,737	\$ 60,919
12	Charge Offs for Month Allocated to Generation	\$ 132,191	\$ 210,041	\$ 242,686	\$ 291,413	\$ 247,392	\$ 304,368	\$ 240,213	\$ 304,637	\$ 247,476	\$ 275,449	\$ 150,389	\$ 103,255
13	Collection Cost and Time Value of Money (d)												
14	Collection Cost	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%
15	Time Value of Money	0.4754%	0.4763%	0.4898%	0.5124%	0.5082%	0.5080%	0.5162%	0.5188%	0.5343%	0.5635%	0.5673%	0.5794%
16	Discount Rate	0.5254%	0.5263%	0.5398%	0.5624%	0.5582%	0.5580%	0.5662%	0.5688%	0.5843%	0.6135%	0.6173%	0.6294%
17	Collection Cost and Time Value of Money Allocated to Generation	103,598	99,146	110,310	133,272	130,742	110,989	97,612	95,928	123,170	163,098	125,665	117,516
18	Total Generation Uncollectible	\$ 235,789	\$ 309,187	\$ 352,996	\$ 424,685	\$ 378,134	\$ 415,357	\$ 337,825	\$ 400,565	\$ 370,646	\$ 438,546	\$ 276,054	\$ 220,771
Residential													
19	Net Charge Offs for Month	\$ 221,642	\$ 290,636	\$ 331,816	\$ 399,204	\$ 355,446	\$ 390,436	\$ 317,555	\$ 376,531	\$ 348,408	\$ 412,234	\$ 259,491	\$ 207,525
Non-Residential													
20	Net Charge Offs for Month	\$ 14,147	\$ 18,551	\$ 21,180	\$ 25,481	\$ 22,688	\$ 24,921	\$ 20,270	\$ 24,034	\$ 22,238	\$ 26,312	\$ 16,563	\$ 13,246

(a) Per Order dated November 22, 2011 in Case No. 11-3549-EL-SSO, Duke Energy Ohio's initial application shall include net uncollectible expenses.
(b) Total Generation Retail Sales (billed) excluding interdepartmental
(c) Total Retail Sales (billed) excluding interdepartmental

Line	Description	Projected											
		Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
Excluding PAR													
1	Net Charge Offs for Month - Residential	\$ 216,998	\$ 338,210	\$ 412,400	\$ 453,152	\$ 415,535	\$ 496,691	\$ 377,918	\$ 437,827	\$ 334,030	\$ 379,281	\$ 172,041	\$ 135,961
2	Net Charge Offs for Month - Non - Residential	\$ 13,851	\$ 21,588	\$ 26,323	\$ 28,925	\$ 26,523	\$ 31,704	\$ 24,122	\$ 27,946	\$ 21,321	\$ 24,209	\$ 10,981	\$ 8,678
3	Net Charge Offs for Month - Total	\$ 230,849	\$ 359,798	\$ 438,723	\$ 482,077	\$ 442,058	\$ 528,395	\$ 402,040	\$ 465,773	\$ 355,351	\$ 403,490	\$ 183,022	\$ 144,639
4	Electric Generation Revenue (b)	\$ 21,493,475	\$ 19,421,853	\$ 23,088,554	\$ 28,543,659	\$ 29,144,739	\$ 28,228,573	\$ 22,770,410	\$ 19,879,319	\$ 26,054,988	\$ 30,314,094	\$ 29,395,982	\$ 25,310,868
5	Electric Retail Revenue (c)	\$ 77,965,175	\$ 72,655,186	\$ 82,274,453	\$ 95,639,827	\$ 96,714,088	\$ 94,834,112	\$ 82,521,018	\$ 75,321,166	\$ 89,740,934	\$ 99,683,914	\$ 97,191,885	\$ 87,681,249
6	Generation Revenue as a % of Electric Retail Revenue	27.56800%	26.73150%	28.06280%	29.84500%	30.13490%	29.76630%	27.59350%	26.39270%	29.03360%	30.41020%	30.24530%	28.86690%
7	Net Charge Offs for Month Allocated to Generation (Excluding PAR)	\$ 63,640	\$ 96,179	\$ 123,118	\$ 143,876	\$ 133,214	\$ 157,284	\$ 110,937	\$ 122,930	\$ 103,171	\$ 122,702	\$ 55,356	\$ 41,753
PAR Only													
8	Net Charge Offs for Month - Residential	\$ 133,489	\$ 85,190	\$ 54,706	\$ 49,880	\$ 83,061	\$ 93,567	\$ 118,982	\$ 93,961	\$ 126,172	\$ 106,434	\$ 142,689	\$ 113,709
9	Net Charge Offs for Month - Non - Residential	\$ 8,521	\$ 5,438	\$ 3,492	\$ 3,184	\$ 5,302	\$ 5,972	\$ 7,595	\$ 5,998	\$ 8,054	\$ 6,794	\$ 9,108	\$ 7,258
10	Net Charge Offs for Month - Total	\$ 142,010	\$ 90,628	\$ 58,198	\$ 53,064	\$ 88,363	\$ 99,539	\$ 126,577	\$ 99,959	\$ 134,226	\$ 113,228	\$ 151,797	\$ 120,967
11	Net Charge Offs for Month Allocated to Generation (PAR Only)	\$ 142,010	\$ 90,628	\$ 58,198	\$ 53,064	\$ 88,363	\$ 99,539	\$ 126,577	\$ 99,959	\$ 134,226	\$ 113,228	\$ 151,797	\$ 120,967
12	Charge Offs for Month Allocated to Generation	\$ 205,650	\$ 186,807	\$ 181,316	\$ 196,940	\$ 221,577	\$ 256,823	\$ 237,514	\$ 222,889	\$ 237,397	\$ 235,930	\$ 207,153	\$ 162,720
13	Collection Cost and Time Value of Money (d)												
14	Collection Cost	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%	0.0500%
15	Time Value of Money	0.5794%	0.5794%	0.5794%	0.5794%	0.5794%	0.5794%	0.5794%	0.5794%	0.5794%	0.5794%	0.5794%	0.5794%
16	Discount Rate	0.6294%	0.6294%	0.6294%	0.6294%	0.6294%	0.6294%	0.6294%	0.6294%	0.6294%	0.6294%	0.6294%	0.6294%
17	Collection Cost and Time Value of Money Allocated to Generation	135,280	122,241	145,319	179,654	183,437	177,671	143,317	125,120	163,990	190,797	185,018	159,307
18	Total Generation Uncollectible	\$ 340,930	\$ 309,048	\$ 326,635	\$ 376,594	\$ 405,014	\$ 434,494	\$ 380,831	\$ 348,009	\$ 401,387	\$ 426,727	\$ 392,171	\$ 322,027
Residential													
19	Net Charge Offs for Month	\$ 320,474	\$ 290,505	\$ 307,037	\$ 353,998	\$ 380,713	\$ 408,424	\$ 357,981	\$ 327,129	\$ 377,304	\$ 401,123	\$ 368,641	\$ 302,705
Non-Residential													
20	Net Charge Offs for Month	\$ 20,456	\$ 18,543	\$ 19,598	\$ 22,596	\$ 24,301	\$ 26,070	\$ 22,850	\$ 20,880	\$ 24,083	\$ 25,604	\$ 23,530	\$ 19,322

(a) Per Order dated November 22, 2011 in Case No. 11-3549-EL-SSO, Duke t
(b) Total Generation Retail Sales (billed) excluding interdepartmental
(c) Total Retail Sales (billed) excluding interdepartmental