

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of)	
Duke Energy Ohio to Adjust and Set its)	Case No. 12-1118 EL-UEx
Electric Uncollectible Recovery Rate)	
Under Rider UE-ED.)	

**APPLICATION OF DUKE ENERGY OHIO, INC.
TO ADJUST AND SET ITS
ELECTRIC UNCOLLECTIBLE RIDER UE-ED**

Pursuant to R.C. 4909.18, Duke Energy Ohio, Inc., (Duke Energy Ohio or the Company) requests approval to adjust the rate for its electric uncollectible rider, Rider UE-ED, and for such accounting authority as may be required to continue 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 July 8, 2009, in Case Nos. 08-709-EL-AIR, *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, Inc., for an Increase in Electric Rates*, Case No. 08-709-EL-AIR, Opinion and Order at 10-11, 19 (July 8, 2009).

implement an electric uncollectible expense rider (Rider UE-ED) to recover incremental net uncollectible expense above the baseline established in the test period in the Company's most recent electric distribution rate case.² Rider UE-ED is subject to an annual review and adjustment initiated through a filing made by Duke Energy Ohio.³

2. Pursuant to the Commission's Opinion and Order, in addition to the recovery of net uncollectible expense related to the provision of electric distribution service, above the baseline established in Case No. 08-709-EL-AIR, *et al.*, Rider UE-ED is also intended to recover all percentage of income payment plan (PIPP) installment payments not recovered through the universal service fund rider (USR) or from the customer net of any unused low-income credit funds.⁴ The Company is permitted to recover any payment installment amounts, not recovered through the USR or from the customer where the Company demonstrates reasonable attempts to collect said installment payments from customers.⁵ Finally, if the Commission determines to use an independent third-party auditor to review the Company's Rider UE-ED filing, the costs of the auditor will be recovered through Rider UE-ED.⁶

3. Pursuant to the terms of the stipulation, as approved in the Opinion and Order, the amounts included in Rider UE-ED, exclusive of PIPP, will only be collected from the class of customers that created the bad debt expense. Bad debt expense associated with PIPP will be allocated in the manner of the USR.⁷

4. The electric uncollectible rider, Rider UE-ED, currently has a monthly charge of \$0.0001174 per kWh for residential customers and \$1.24 per bill for non-residential customers,

² *Id.* at 10-11, 19 (July 8, 2009).

³ *Id.*

⁴ *Id.*

⁵ *Id.*

⁶ *Id.*

⁷ *Id.*

which were approved in Case No. 11-4076-EL-UEx in a Finding and Order dated October 26, 2011.⁸

5. The Company proposes Rider UE-ED monthly charges of \$0.000375 per kWh for residential customers and (\$0.02) per bill for non-residential customers. Therefore, 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-ED. The total incremental unrecovered balance as of March 31, 2012, is projected to be approximately \$2,733,391 for residential and (\$15,982) for non-residential rate classes (exclusive of any fees for a third-party audit that the Commission may determine is required). The schedules supporting the adjustments are attached in the Direct Testimony of Dana Patten. Attachment DRP-1 provides the calculation of proposed rates for Rider UE-ED. Attachments DRP-2 and DRP-3 are copies of the tariff for Rider UE-ED, showing tracked changes and final language respectively.

6. As directed by the Commission's Opinion and Order, the uncollectible expenses eligible for recovery through Rider UE-ED will be those expenses generated by the class of customers paying the uncollectible expenses rider.

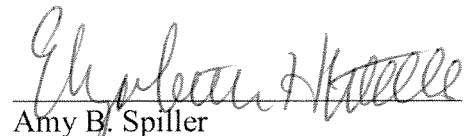
7. In addition, Duke Energy Ohio notes that, in its Opinion and Order in Case No. 10-912-EL-UEx, the Commission authorized the Company to create a regulatory asset to defer variances in uncollectible expense in future periods for recovery or refund in further proceedings to adjust Rider UE-ED. As such authority was not limited in duration, Duke Energy Ohio respectfully requests that the Commission clarify that the Company's authority to create a regulatory assets, as described in that order, continues.

⁸ *In the Matter of the Application of Duke Energy Ohio, Inc. to Adjust and Set its Electric Distribution Uncollectible Expense Rider, Rider UE-ED*, Case Nos. 11-4076-EL-UEx, *et al.*, Finding and Order (October 26, 2011).

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.

A handwritten signature in dark ink, appearing to read "Amy B. Spiller", is written over a horizontal line.

Amy B. Spiller

Deputy General Counsel (Counsel of Record)

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BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke Energy)
Ohio, Inc. to Adjust and Set Its Electric)
Uncollectible Recovery Rate Under Rider UE-ED) Case No. 12-148 EL-UEX

DIRECT TESTIMONY OF

DANA R. PATTEN

ON BEHALF OF

DUKE ENERGY OHIO, INC.

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- DRP-1: Rider UE-ED – Proposed Rate Calculation
- DRP-2: Rider UE-ED – Tariff Sheet redlined version
- DRP-3: Rider UE-ED – Tariff Sheet clean version

I. INTRODUCTION

1 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2 A. My name is Dana R. Patten, and my business address is 139 East Fourth Street,
3 Cincinnati, Ohio 45202.

4 **Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?**

5 A. I am employed by the Duke Energy Business Services LLC, an affiliated service
6 company of Duke Energy Ohio, Inc. (Duke Energy Ohio or the Company) as Lead
7 Rates Analyst.

8 **Q. PLEASE SUMMARIZE YOUR EDUCATION AND PROFESSIONAL**
9 **QUALIFICATIONS.**

10 A. I received a Bachelor of Science Degree in Finance from Xavier University (XU)
11 in 2002. Upon graduation from XU, I was employed by Fifth Third Bank from
12 2002 through 2004. I joined Cinergy Corp., now known as Duke Energy
13 Corporation (Duke Energy), in June 2004 as a Settlement Analyst for Cinergy
14 Power Marketing and Trading. I have held my current position as Lead Rates
15 Analyst in the Rate Department at Duke Energy since 2007. My responsibilities
16 include preparation and filing of various Ohio and Kentucky rate riders.

17 **Q. HAVE YOU TESTIFIED PREVIOUSLY BEFORE THE PUBLIC**
18 **UTILITIES COMMISSION OF OHIO (COMMISSION)?**

19 A. Yes, I've testified in the previous Electric Distribution Uncollectible filing, 10-0912-
20 EL-UEX.

II. OVERVIEW

1 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

2 A. The purpose of my testimony is to support Duke Energy Ohio's Application to
3 Adjust and Set its Electric Uncollectible Recovery Rider (Rider UE-ED). I also
4 sponsor Attachments DRP-1, DRP-2, and DRP-3.

5 **Q. WHAT IS THE HISTORY OF RIDER UE-ED?**

6 A. Rider UE-ED was approved as a mechanism for recovery of electric uncollectible
7 expense by the Commission in Case No. 08-709-EL-AIR, *et al.* Pursuant to the
8 Commission's Opinion and Order dated October 26, 2011, Rider UE-ED is
9 currently set at \$0.001174 per kWh for residential customers and \$1.24 per bill
10 for non-residential customers. Duke Energy Ohio is now seeking to adjust the
11 Rider to recover incremental electric uncollectible expenses as contemplated and
12 approved in the Commission's Opinion and Order. The Company's proposed
13 adjustment for the residential Rider UE-ED is \$0.000375 per kWh and the
14 proposed non-residential Rider UE-ED rate is (\$0.02) per bill. Attachment DRP-
15 1 is a schedule showing the calculation of Rider UE-ED.

16 **Q. DOES DUKE ENERGY OHIO'S APPLICATION TO ADJUST AND SET**
17 **RIDER UE-ED COMPLY WITH THE TERMS OF THE OPINION**
18 **ORDER AND STIPULATION?**

19 A. Yes the filing is in compliance with the terms of the Opinion Order and
20 Stipulation.

21

1 **Q. PLEASE EXPLAIN WHY THE COMMERCIAL ACTIVITY TAX IS**
2 **INCLUDED IN THE RIDER RATE?**

3 **A.** R.C. 5751 requires most companies in Ohio to pay a Commercial Activity Tax
4 (CAT), set at 0.26 percent, on revenue received in Ohio. Rider UE-GEN rate has
5 been adjusted to include the 0.26 percent CAT that the Company will be required
6 to pay the Ohio Treasurer.

7

III. REVISED TARIFFS AND CALCULATION OF PROPOSED RATE

8 **Q. ARE REVISED TARIFFS INCLUDED IN THE CURRENT FILING?**

9 **A.** Yes. Attachments DRP-2 and DRP-3 include red-lined and clean tariff sheets
10 showing proposed changes to Rider UE-ED. The rate for Rider UE-ED, currently
11 set at \$0.001174 per kWh for residential customers and \$1.24 per bill for non-
12 residential customers, is updated to reflect the proposed rate of \$0.000374 per kWh
13 and (\$0.02) per bill, respectively.

14 **Q. WHY IS DECEMBER 2010 THE BEGINNING MONTH OF THE**
15 **TRACKER BALANCE FOR RESIDENTIAL?**

16 **A.** In the 11-4076-EL-UEx filing the PIPP uncollectible not recovered in Rider USR
17 was incorrectly reported for residential customers. December 2010 - March 2011
18 is included as a revision.

19 **Q. PLEASE DESCRIBE ATTACHMENT DRP-1, PAGE 1**

20 **A.** Attachment DRP 1, page 1, calculates the Rider UE-ED rates for residential and
21 non-residential customers using actual and projected incremental unrecovered
22 balances and projected billing determinants for 12 months ending March 31,

1 2013.

2 **Q. PLEASE DESCRIBE ATTACHMENT DRP-1, PAGE 2 – 3**

3 **A.** Pages 2-3, calculate the monthly residential and non-residential under/over
4 recovery balance of uncollectible expense revenue requirement that needs to be
5 recovered through the Rider UE-ED. For residential customers actual
6 uncollectible amounts are for December 2012 – March 2012 and forecasted
7 uncollectible amounts for April 2012 – March 2013. Non-residential customers
8 actual uncollectible amounts are for April 2011 – March 2012 and forecasted
9 uncollectible amounts for April 2012 – March 2013.

10 **Q. PLEASE DESCRIBE ATTACHMENT DRP-1, PAGE 4 – 5**

11 **A.** Page 4-5 includes the calculation the actual and projected recovery of the
12 uncollectible expense in base rates based upon the 2008 base rate proceeding.
13 The incremental electric distribution over the baseline balance consists of actual
14 net-write-offs from pages 6-7 over the baseline recovery amount, less unused
15 RSLI funds (residential only), less recovery from the uncollectible rider. The
16 result for each month is passed over to pages 2-3.

17 **Q. PLEASE DESCRIBE ATTACHMENT DRP-1, PAGE 6 – 7**

18 **A.** Pages 6 – 7 allocates the actual and projected net charge offs by residential and
19 non-residential customers. From there the total net charge offs are allocated to
20 distribution based on the distribution revenue as a percent of electric retail
21 revenue. The result for each month is passed over to pages 4-5.

22 **Q. PLEASE DESCRIBE HOW YOU ARRIVED AT THE PROPOSED RIDER**
23 **RATE.**

1 A. The calculation of the proposed Ride UE-ED rate is shown on Attachment DRP-
2 1. As mentioned previously, the proposed residential Rider UE-ED is \$0.000375
3 cents per kWh and the proposed non-residential Rider UE-ED rate is (\$0.02) per
4 bill. The rates for each were calculated by dividing the incremental actual
5 unrecovered tracker balance as of March 31, 2012 by the applicable projected
6 billing determinants (kWh or number of bills) for the twelve months ended March
7 31, 2013. The incremental unrecovered tracker balance consists of actual net-
8 write-offs over the baseline recovery amount, less unused RSLI funds (residential
9 only), less recovery from the uncollectible rider. For residential customers the
10 unrecovered tracker balance of \$2,733,387 is divided by 7,300,202,826 kWh to
11 arrive at \$0.000374 per kWh times 0.26068 percent CAT to arrive at \$0.000375
12 per kWh. For non-residential customers the unrecovered tracker balance of
13 (\$15,985) is divided by 856,097 bills to arrive at (\$0.02) per bill times 0.26068
14 percent CAT to arrive at (\$0.02) per bill.
15 .

IV. CONCLUSION

16 **Q. WERE ATTACHMENTS DRP-1, DRP-2 AND DRP-3 PREPARED BY**
17 **YOU OR AT YOUR DIRECTION?**

18 **A.** Yes.

19 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

20 **A.** Yes.

Line	Description	Source	Residential	Non-Residential
1	Total Incremental Unrecovered Balance at March 31, 2012	Page 3	\$2,733,391	(\$15,982)
2	Projected Billing Determinants 12 months ended March 31, 2013	Page 5	7,300,202,826 kWh	856,097 Bills
3	Rider UE-ED Rate		\$0.000374 per kWh	(\$0.02) per bill
4	Rider UE-ED Rate including CAT tax		\$0.000375 per kWh	(\$0.02) per bill

Line		Period												Actual											
		Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12
1	Reclamation Under Order: Recovery	\$4,037,251	\$3,844,400	\$3,006,023	\$3,271,529	\$2,832,534	\$2,200,829	\$1,445,418	\$2,706,125	\$1,764,713	\$1,402,291	\$1,038,743	\$527,548	\$279,524	\$251,864	\$643,793	\$3,433,938								
2	Unrecovered Balance: Beginning of Month	(\$212,951)	(\$238,377)	(\$383,694)	(\$458,705)	(\$541,822)	(\$29,384)	(\$275,315)	(\$421,992)	(\$597,420)	(\$340,034)	(\$154,301)	(\$298,725)	(\$454,565)	(\$812,911)	(\$786,757)	(\$78,394)								
3	Unrecovered Balance: End of Month	\$3,824,300	\$3,606,023	\$2,622,329	\$2,812,824	\$2,290,712	\$2,171,445	\$1,170,103	\$2,284,133	\$1,167,293	\$762,257	\$884,442	\$238,823	\$194,218	\$368,882	\$1,667,136	\$3,165,544								
4	Unrecovered Balance: Beginning of Month	\$3,824,300	\$3,606,023	\$2,622,329	\$2,812,824	\$2,290,712	\$2,171,445	\$1,170,103	\$2,284,133	\$1,167,293	\$762,257	\$884,442	\$238,823	\$194,218	\$368,882	\$1,667,136	\$3,165,544								
5	Unrecovered Balance: End of Month	\$3,611,349	\$3,367,646	\$2,238,635	\$2,354,129	\$1,748,888	\$1,642,061	\$594,788	\$1,862,141	\$772,881	\$422,223	\$230,141	\$140,098	\$129,917	\$284,571	\$1,382,565	\$2,782,973								
6	Total Non-Reclamation Under Order: Recovery																								
7	Unrecovered Balance: Beginning of Month	\$0	\$0	\$0	\$0	(\$50,774)	\$263,849	\$917,386	\$673,892	\$171,214	\$697,746	\$113,745	\$497,345	\$142,373	\$413,137	\$597,747	\$1,413,137								
8	Unrecovered Balance: End of Month	\$0	\$0	\$0	\$0	(\$50,774)	(\$56,554)	(\$75,576)	(\$72,598)	(\$70,890)	(\$76,978)	(\$78,662)	(\$78,648)	(\$80,816)	(\$74,156)	(\$58,788)	(\$10,063)								
9	Unrecovered Balance: End of Month	\$0	\$0	\$0	\$0	(\$50,774)	(\$56,554)	(\$75,576)	(\$72,598)	(\$70,890)	(\$76,978)	(\$78,662)	(\$78,648)	(\$80,816)	(\$74,156)	(\$58,788)	(\$10,063)								

Lump	Projected												
	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	
1	Residential Under-100-sq-ft Recovery												
2	Construction of new single-family detached												
3	\$3,714,450	\$1,120,406	\$3,430,324	\$3,670,366	\$3,717,636	\$4,251,342	\$3,825,601	\$3,292,792	\$1,360,511	\$9,478,686	\$5,717,714		
4	\$193,350	\$60,000	\$466,000	\$553,095	\$530,547	\$1,010,144	\$595,589	\$508,293	\$800,207	\$544,467	\$381,729	\$16,177	
5	\$2,476,850	\$1,059,406	\$2,964,324	\$3,117,271	\$3,187,089	\$3,241,198	\$3,230,012	\$2,784,500	\$1,560,718	\$8,934,729	\$5,685,894		
6	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000		
7	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000		
8	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000		
9	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000		
Total Non-Residential Under-100-sq-ft Recovery													
10	\$495,400	\$147,406	\$134,450	\$873,273	\$723,191	\$825,138	\$525,795	\$472,404	\$3,487,928	\$1,616,495	\$3,474,450		
11	\$13,382	\$82,000	\$46,227	\$50,060	\$33,623	\$40,607	\$33,182	\$45,119	\$55,660	\$55,774	\$4,700		
12	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
13	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
14	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
15	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
16	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
17	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
18	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
19	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
20	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
21	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
22	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
23	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
24	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
25	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
26	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
27	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
28	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
29	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
30	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
31	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
32	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
33	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
34	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
35	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
36	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
37	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
38	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
39	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
40	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
41	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
42	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
43	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
44	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
45	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
46	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
47	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
48	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
49	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
50	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
51	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
52	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
53	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
54	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
55	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
56	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
57	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
58	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
59	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
60	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
61	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
62	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
63	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
64	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
65	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
66	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
67	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
68	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
69	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
70	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
71	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
72	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
73	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
74	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000		
75	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$								

Line	Description	2019												2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000
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Abstracts of "Practical Problem Solving and Problem Solving"

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Duke Energy Ohio
Calculation of Uncollectible Expense Recovery in Electric Distribution Base Rates

ATTACHMENT DRP-2

Line	Description	Case No. 08-709-EL-AIR		Total	Source
		Residential	Non-Residential		
1	Annualized Test Year Revenue (Before Increase)	\$183,880,582	\$127,046,833	\$310,927,415	Per Schedule E-4, page 1
2	Charge Off Percent	0.8596%	0.0725%	0.5380%	Per Schedule C-10, WPC-10a
3	Uncollectible Expense in Base Rates	\$1,580,549	\$92,167	\$1,672,715	Calculated (Line 1 * Line 2)
4	Increase (per Settlement)	\$23,906,105	\$31,393,895	\$55,300,000	Per Stipulation Attachment 1
5	Increase in Uncollectible Expense	\$205,485	\$22,775	\$228,260	Line 2 * Line 4
6	Total Uncollectible Expense in Base Rates	\$1,786,034	\$114,941	\$1,900,975	Line 3 + Line 5
7	PIPP Uncollectible in Base Rates	\$0	\$0	\$0	None in test year
8	Total Uncollectible Expense in Base Revenue	\$1,786,034	\$114,941	\$1,900,975	Line 6 + Line 7
9	Billing Determinants (a)	7,516,461,855 kWh	934,760 bills		Per Schedule E-4, page 1
10	Base Rate for Rider U/E EED	\$0.000238 per kWh	\$0.12 per bill		

(a)

Non-Residential bills were revised from 2,296,488 per the Stip Attach 4 to 934,760. The revision was due to 1,508,025 streetlighting units, not bills, were included in the total. Thus 949,360 bills = 2,296,488 minus 1,508,028 street lighting units plus 159,900 annualized street lighting bills. The bills also decreased by 13,000 due DS-LMP and 600 DS-FTP customers being double counted.

Duke Energy Ohio
139 East Fourth Street
Cincinnati, Ohio 45202

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RIDER UE-ED

UNCOLLECTIBLE EXPENSE – ELECTRIC DISTRIBUTION RIDER

APPLICABILITY

Applicable to all retail jurisdictional customers in the Company's electric service areas.

DESCRIPTION

This rider enables the recovery of incremental uncollectible accounts expense above what is recovered in base rates and includes Percentage of Income Payment ("PIPP") customer installments not collected through the Universal Service Fund Rider. Also, to the extent that less than \$40,000 per month has not been credited to customers through electric Rate RSLI, any shortfall will be used to reduce collections in Rider UE-ED. Base rates in Case No. 08-709-EL-AIR include \$1,786,034 and \$114,941 of uncollectible accounts expense recovery for residential and non-residential customers, respectively. The amounts in the Rider, exclusive of uncollectible PIPP installments, will only be collected from the class (residential or non-residential) that created the uncollectible accounts expense. Uncollectible accounts expense associated with PIPP will be allocated in the manner consistent with the Universal Service Fund Rider.

CHARGE

A charge of ~~\$0.0011740~~ 0.000375 per kWh shall be applied to all kWh delivered to residential customers. A charge of ~~\$1.24~~ (\$0.02) per bill shall be applied to each non-residential customer.

Filed pursuant to an Order dated ~~October 26, 2011~~ in Case No. ~~11-4076-EL-UEx~~
before the Public Utilities Commission Ohio.

Issued: ~~October 27, 2011~~
2011

Effective: ~~October 31,~~

Issued by Julie Janson, President

Duke Energy Ohio
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P.U.C.O. Electric No. 19
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Page 1 of 1

RIDER UE-ED

UNCOLLECTIBLE EXPENSE – ELECTRIC DISTRIBUTION RIDER

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CHARGE

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Filed pursuant to an Order dated _____ in Case No. _____ before the Public Utilities Commission Ohio.

Issued: _____

Issued by Julie Janson, President

Effective: _____

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Summary: Application Application of Duke Energy Ohio, Inc. to Adjust and Set Its Electric Uncollectible Rider UE-ED electronically filed by Carys Cochern on behalf of Watts, Elizabeth H. Ms.