

**BEFORE THE**  
**PUBLIC UTILITIES COMMISSION OF OHIO**

<b>In the Matter of the Application</b>	)	
<b>of Duke Energy Ohio, Inc., to</b>	)	
<b>Adjust Rider DR-IM and Rider</b>	)	Case No. 15-883-GE-RDR
<b>AU for 2014 Grid Modernization</b>	)	
<b>Costs.</b>	)	

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**APPLICATION OF DUKE ENERGY OHIO, INC.,  
TO ADJUST RIDER DR-IM AND RIDER-AU FOR 2014 GRID  
MODERNIZATION COSTS**

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1. Duke Energy Ohio, Inc., (Duke Energy Ohio or the Company) is an Ohio corporation engaged in the business of supplying electric transmission, distribution, and generation service in Adams, Brown, Butler, Clinton, Clermont, Hamilton, Montgomery, and Warren Counties in Southwestern Ohio to approximately 700,000 electric customers and 420,000 gas customers.

2. Duke Energy Ohio is a “public utility” as defined by Sections 4905.02 and 4905.03, Revised Code, and an “electric distribution company,” “electric light company,” “electric supplier,” and “electric utility” as defined by Section 4928.01, Revised Code.

3. Duke Energy Ohio is also a natural gas company within the meaning of 4905.03(A)(6), Revised Code, and as such, is a public utility subject to the jurisdiction of the Public Utilities Commission of Ohio (Commission).

4. In this Application, the Company requests approval to adjust its advanced utility rider (Rider AU) and its distribution reliability - infrastructure modernization rider (Rider DR-IM) to allow for recovery of 2014 costs for the deployment of its grid

modernization and related systems. Riders AU and DR-IM were originally submitted for approval in Case Nos. 07-589-GA-AIR, *et al.*, (Gas Distribution Rate Case) and 08-920-EL-SSO, *et al.*, (Electric Security Plan (ESP) Case), respectively. Duke Energy Ohio also hereby requests such tariff approval and accounting authority as may be required for recovery.

5. The Company's Gas Distribution Rate Case, originally filed in July 2007, was resolved by a stipulation that provided, in part, for a process for filing deployment plans for the installation of an automated gas meter reading system. The automated gas meter reading system was designed to employ the grid modernization communications technology. The stipulation also contained a method for recovering costs associated with the plans, which was designated Rider AU.<sup>1</sup>

6. Duke Energy Ohio filed an electric security plan for approval by the Commission in July 2008. This proceeding was resolved by a stipulation that was adopted and approved by the Commission on December 17, 2008. The Commission's Opinion and Order accepting the stipulation included the authority for Duke Energy Ohio to commence deployment of grid modernization in its southwestern Ohio service area, and contained provisions for Duke Energy Ohio to create Rider DR-IM, which was initially set at zero, to recover costs for grid modernization deployment on a cost-per-meter basis, with applicable performance targets and caps on costs to customers. Duke Energy Ohio agreed to accrue post-in-service carrying charges at the most recent approved weighted cost of long-term debt and to defer depreciation and operating costs from the date expenditures are incurred until they are included for recovery in Rider DR-

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<sup>1</sup> *In the Matter of the Application of Duke Energy Ohio for an Increase in Rates*, Case No. 07-589-GA-AIR, *et al.*, (Stipulation and Recommendation, February 28, 2008).

IM. The parties to the stipulation further agreed to regulatory asset accounting treatment for replaced meters, for which recovery was to be made through existing depreciation rates as amended from time to time. The stipulation also sets forth a requirement that Duke Energy Ohio file for annual second quarter approval of Rider DR-IM adjustments, subject to due process, including a hearing. The stipulation further provided that the Company would include a mid-deployment program summary and review with its 2010 grid modernization cost recovery application.<sup>2</sup>

7. In June 2009, in Case No. 09-543-GE-UNC, Duke Energy Ohio submitted its first annual second quarter application for approval of the costs it incurred during 2008 for its deployment of grid modernization. This case was also resolved through a stipulated settlement in November of 2009, and that stipulation was approved by the Commission in May 2010.<sup>3</sup>

8. In July 2010, in Case No. 10-867-GE-RDR, Duke Energy Ohio submitted its second annual second-quarter application for approval of the costs it incurred during 2009 for its deployment of grid modernization. Like the Company's Gas Distribution Rate Case, ESP Case, and Case No. 09-543-GE-UNC, Case No. 10-867-GE-RDR was also resolved by means of a stipulated settlement, which was approved by the Commission in March 2011.<sup>4</sup>

9. On October 27, 2010, in Case No.10-2326-GE-RDR, the Commission issued an entry that included a request for proposals to perform an audit that includes

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<sup>2</sup> *In the Matter of the Application of Duke Energy Ohio for Approval of an Electric Security Plan*, Case No. 08-920-EL-SSO, et al., (Stipulation and Recommendation, October 27, 2009).

<sup>3</sup> *In the Matter of the Application of Duke Energy Ohio to Adjust and Set its Gas and Electric Recovery Rate for SmartGrid Deployment Under Rider AU and Rider DR-IM*, Case No. 09-543-GE-UNC (Stipulation and Recommendation, November 19, 2009).

<sup>4</sup> *In the Matter of the Application of Duke Energy Ohio to Adjust Rider DR-IM and Rider AU for 2009 SmartGrid Costs*, Case No. 10-867-GE-RDR (Stipulation and Recommendation, February 14, 2011).

both an operational audit and an operational benefits assessment of Duke Energy Ohio's overall grid modernization implementation. The Commission subsequently selected MetaVu, Inc., (MetaVu) to conduct the audit. MetaVu's final audit report was filed with the Commission on June 30, 2011. That proceeding was resolved by a stipulation and recommendation that was submitted to the Commission for its approval on February 24, 2012. The Stipulation and Recommendation was approved by the Commission on June 13, 2012.

10. In June 2012, in Case No. 12-1811-GE-RDR, Duke Energy Ohio submitted its fourth annual second-quarter application for approval of the costs it incurred during 2012 for its deployment of grid modernization. Like the Company's Gas Distribution Rate Case, ESP Case, and Case No. 09-543-GE-UNC, this case was also resolved by means of a stipulated settlement, which was approved by the Commission in March 2013.

11. In June 2012, in Case No. 12-1685-GA-AIR, Duke Energy Ohio filed for an increase to its base gas rates. In this case the gas smart grid capital investment as of March 31, 2012 was included in base rates. There was a partial settlement reached in the case, which was approved by the Commission in November 2013.

12. In June 2013, in Case No. 13-1141-GE-RDR, Duke Energy Ohio submitted its fifth annual second-quarter application for approval of the costs it incurred during 2013 for its deployment of grid modernization. This case was also resolved by means of a stipulated settlement, which was approved by the Commission in April 2014.

13. In June 2014, in Case No. 14-1051-GE-RDR, Duke Energy Ohio submitted its sixth annual second-quarter application for approval of the costs it incurred

during 2014 for its deployment of grid modernization. A hearing was held in February 2014. The Commission issued its order in April 2015.

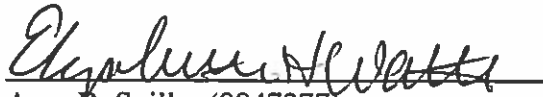
14. Duke Energy Ohio hereby files its Application to adjust Riders AU and DR-IM to recover 2014 costs for the deployment of its grid modernization and related systems. In support of its Application, Duke Energy Ohio submits the testimony of the following individuals: Donald L. Schneider, Jr., and Peggy A. Laub. Duke Energy Ohio witness Donald L. Schneider, Jr., will discuss the current status of the physical deployment of the meters and some of the benefits associated with the roll-out of the network. Duke Energy Ohio witness Peggy A. Laub will provide details regarding the Company's expenditures and revenue requirement for grid modernization deployment for 2014 with supporting schedules for the Company's request consistent with stipulations agreed to in prior cost recovery cases.

### **Conclusion**

As discussed in the testimony filed in this case, the Company has worked to actively deploy its grid modernization and advanced technologies, to promote its programs, and to engage customers in order to make the programs successful. The Company continues to provide additional functionality and efficiency to its system to benefit its customers and to provide safer, more reliable, affordable energy.

Additionally, as supported by the testimony of the Duke Energy Ohio witnesses filed herewith, the Company respectfully requests that the Commission approve its Application, subject to the terms outlined herein.

Respectfully submitted,  
**Duke Energy Ohio, Inc.**

A handwritten signature in black ink, appearing to read "Elizabeth H. Watts", is written over a horizontal line.

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Summary: Application of Duke Energy Ohio, Inc., to Adjust Rider DR-IM and Rider- AU for 2014 Grid Modernization Costs electronically filed by Carys Cochern on behalf of Watts, Elizabeth H. Ms.