***OCC EXHIBIT NO. \_\_\_\_\_\_***

**BEFORE**

**THE PUBLIC UTILITIES COMMISSION OF OHIO**

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| In the Matter of the Application of Vectren Energy Delivery of Ohio, Inc. for Approval of an Alternative Rate Plan.In the Matter of the Application of Vectren Energy Delivery of Ohio, Inc. for Approval of an Increase in Gas RateIn the Matter of the Application of Vectren Energy Delivery Ohio, Inc. for Approval of an Alternative Rate Plan. | ))))))))) | Case No. 18-0049-GA-ALTCase No. 18-0298-GA-AIRCase No. 18-0299-GA-ALT |
|  |  |  |

**SUPPLEMENTAL DIRECT TESTIMONY**

**OF**

**JEFFREY P. HECKER**

**IN OPPOSITION TO THE JOINT STIPULATION AND RECOMMENDATION**

**On Behalf of**

**The Office of the Ohio Consumers’ Counsel**

*65 East State Street, 7th Floor*

*Columbus, Ohio 43215-4213*

**January 28, 2019**

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# I. INTRODUCTION

***Q1. PLEASE STATE YOUR NAME, ADDRESS AND POSITION.***

***A1.*** My name is Jeffrey P. Hecker. I am a Senior Regulatory Analyst with the Office of the Ohio Consumers’ Counsel (“OCC”). My business address is 65 East State Street, 7th Floor, Columbus, Ohio 43215.

***Q2. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND PROFESSIONAL EXPERIENCE.***

***A2.*** I earned a Bachelor of Science Degree in Business with a major in Accounting from Miami University in Oxford, Ohio, in May 1980.

After graduation, I worked as an accountant/analyst at The Dayton Power and Light Company. From December 2004 until November 2017, I was a Utility Specialist I and II with the Public Utilities Commission of Ohio (“PUCO”) where my responsibilities included auditing utility financing cases (such as Applications to Issue Stocks/Securities) as well as base rate and rider cases.

I joined the OCC in January 2018 as a Senior Regulatory Analyst. My primary responsibility at OCC is to assist in various regulatory proceedings before the PUCO. These proceedings include rate cases, rider cases, cost of capital, alternative regulation, and other types of cases filed by Ohio’s regulated utilities.

***Q3. DID YOU FILE DIRECT TESTIMONY IN THIS PROCEEDING?***

***A3***. Yes. I submitted direct testimony on November 7, 2018. I will refer to that testimony as “Hecker Direct Testimony.” [[1]](#footnote-2)

# II. PURPOSE

***Q4. WHAT IS THE PURPOSE OF THIS TESTIMONY?***

***A4.*** The purpose of this testimony is to explain and support my recommendation that the PUCO should protect consumers from the unjust and unreasonable rates that result from the Stipulation and Recommendation (“Settlement”) filed on January 4, 2019, by Vectren Energy Delivery of Ohio (“Vectren” or “Utility”), regarding the proposed rate of return on rate base that was referenced on Page 3 of the Settlement. The Settlement states that “the revenue requirement reflects 7.48% as a reasonable rate of return (“ROR”) on rate base.”[[2]](#footnote-3) I believe this proposed rate of return is unjust and unreasonable and the PUCO should reject the Settlement because it violates the PUCO’s three-prong standard for reviewing settlements. As I explained in my Direct Testimony, a range of 6.47% to 6.98% is a reasonable ROR for Vectren in this proceeding.

# III. DISCUSSION OF THE THREE-PRONG TEST

***Q5. WHAT IS YOUR UNDERSTANDING OF THE THREE-PRONG TEST THAT THE PUCO COMMONLY USES IN EVALUATING A PROPOSED SETTLEMENT?***

***A5.*** If a proposed settlement is to be considered, I understand that the PUCO typically analyzes a proposed settlement under a three-prong test. Specifically, the PUCO will consider the following criteria:

(1) Is the proposed settlement a product of serious bargaining among capable, knowledgeable parties representing diverse interests?

(2) Does the proposed settlement, as a package, benefit customers and the public interest?

(3) Does the proposed settlement, as a package, violate any important regulatory principle or practice?

In this testimony, I will focus on the second and third prongs of the three-prong test.

***Q6.*** ***WHY DOES THE SETTLEMENT FAIL THE SECOND PRONG OF BENEFITTING CUSTOMERS AND BEING IN THE PUBLIC INTEREST?***

***A6.*** The proposed settlement fails the second prong because the rate of return is unreasonably high. Consequently, it does not benefit customers or the public interest. If the proposed rate of return is too high, the resulting revenue requirement to be collected from Vectren’s customers would be unnecessarily high and customers will be paying more for Vectren’s gas service than is just and reasonable.

 As explained in the Hecker Direct Testimony, Staff and OCC calculated the rate of return by using the capital structure (expressed as percentages of long-term debt and common equity), the long-term debt rate, and the return on equity (“ROE”). OCC’s calculation of the ROR used the same capital structure and cost of debt that were used by the Staff. The difference in the rate of return proposed by the Staff and OCC lies in the different ROEs used by the Staff and OCC.

 The PUCO Staff typically calculates the ROE by averaging the results from the two common methods of estimating the ROE - the Capital Asset Pricing Method (“CAPM”) and the Discounted Cash Flow (“DCF”) method.[[3]](#footnote-4) To calculate the ROE, I accepted Staff’s calculation of the DCF method as reasonable; however, my calculation of ROE using the CAPM method was different. In some past rate cases (including the recently-completed Dayton Power and Light Company rate case (PUCO Case No. 15-1830-EL-AIR et al.)) and other cases in which a ROR was established, Staff and OCC used the same method of calculating the ROE, which was based on a historical average of the daily 10-year and 30-year treasury yields for a “risk-free” rate. However, for this case, Staff calculated the risk-free rate by using a *forecast* of the 10-year Treasury Notes *and adding 50 basis points* to produce a risk-free rate of 4.66%.[[4]](#footnote-5) This method is not supported by current financial market conditions. Also, by averaging the 10-year and 30-year treasuries, there is no reason to add an artificial adder to account for the historical difference.

 In its ROE calculation, Staff also factored in an unnecessary issuance cost of 3.5% (resulting in an adjustment factor of 1.01407). As also explained in the Hecker Direct Testimony, this led to Staff’s ROE calculation of a range of 8.80% to 9.81% and an overall ROR of 6.97% to 7.49%. OCC’s risk-free rate using a one-year historical average of the two treasuries was 2.954%, which led to a calculation of a ROE of 7.82% to 8.82% and an overall ROR of 6.47% to 6.98%.

***Q7. WHAT KIND OF EFFECT WOULD THIS UNREASONABLE RATE OF RETURN RECOMMENDED IN THE SETTLEMENT HAVE ON THE REVENUE REQUIREMENT TO BE COLLECTED FROM VECTREN’S CUSTOMERS?***

***A7.*** If the ROR is set at the stipulated rate of 7.48% in the proposed Settlement, this could cost residential customers approximately $2.7 million to $5.4 million more in base distribution revenue than if the PUCO determines that the ROR should be in OCC’s recommended range of 6.47% to 6.98%. See table below:



It should be noted that this stipulated ROR of 7.48% and its associated ROE will be used in several riders that include a return on investment or rate base such as the Distribution Replacement Rider (DRR) and the Capital Expenditure Program (CEP) Rider. The use of an unreasonable and overstated ROR or ROE would also unreasonably increase the rates, and the revenues, to be collected from VEDO’s customers for these riders. Because the ROR in the Settlement is too high, producing an unreasonably high revenue requirement, the proposed agreement harms customers and is not in the public interest.

***Q8.*** ***HOW DOES THE PROPOSED SETTLEMENT VIOLATE ANY IMPORTANT REGULATORY PRINCIPLE OR PRACTICE?***

***A8.*** State regulatory policy says that customers should not pay any more than is reasonable for the Utility to cover expenses and earn a reasonable profit. If the PUCO were to allow the ROR proposed in the Settlement be used in calculating the base distribution revenue requirement and related riders, customers would be paying more than reasonable rates for electric services.

 Also, as explained in the Hecker Direct Testimony, in many past rate cases, including the most recent rate cases, the PUCO authorized RORs that were calculated based on current risk and financial market conditions and not based on a future forecast or on projection of what might happen.

# IV. CONCLUSION

***Q9.*** ***WHAT IS YOUR FINAL RECOMMENDATION?***

***A9.*** As discussed in the Hecker Direct Testimony, customers shouldn’t be expected to pay any more than is just and reasonable to support the Utility’s operations and allow the Utility the opportunity to earn a reasonable profit. A more appropriate rate of return, which I recommend being no greater than 6.98%, would accomplish this regulatory directive. At the same time, the rate of return used in any riders with a return on capital investments (or rate base) should be adjusted accordingly. For example, the pre-tax ROR used in the CEP should be no higher than 8.18% (vs. 8.81% proposed in Page 9 of the Settlement). Similarly, the pre-tax ROR used in DRR cases should also be no higher than 8.18%.

***Q10.*** ***DOES THIS CONCLUDE YOUR TESTIMONY?***

***A10.*** Yes. However, I reserve the right to supplement my testimony if additional testimony is filed, or if new information or data in connection with this proceeding becomes available.

**CERTIFICATE OF SERVICE**

I hereby certify that a copy of the foregoing *Supplemental Direct Testimony of Jeffrey P. Hecker on behalf of the Office of the Ohio Consumers’ Counsel* has been served upon those persons listed below via electronic service this 28th day of January 2019.

 */s/ William J. Michael\_\_\_*

 William J. Michael

 Counsel of Record

**SERVICE LIST**

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1. *In the Matter of the Application of Vectren Energy Delivery of Ohio, Inc. for Approval of an Increase in Gas Rates,* Case No. 18-298-GA-AIR, et al, Direct Testimony of Jeffrey P. Hecker (November 7, 2018). [↑](#footnote-ref-2)
2. *In the Matter of the Application of Vectren Energy Delivery of Ohio, Inc. for Approval of an Increase in Gas Rates,* Case No. 18-298-GA-AIR, et al, Stipulation and Recommendation (January 4, 2019). [↑](#footnote-ref-3)
3. *In the Matter of the Application of Vectren Energy Delivery of Ohio, Inc. for Approval of an Increase in Gas Rates,* Case No. 18-298-GA-AIR, et al, Staff Report (October 1, 2018). [↑](#footnote-ref-4)
4. *In the Matter of the Application of Vectren Energy Delivery of Ohio, Inc. for Approval of an Increase in Gas Rates,* Case No. 18-298-GA-AIR, et al, Staff Report (October 1, 2018). [↑](#footnote-ref-5)