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OCC EXHIBIT NO. _____

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of The East)
Ohio Gas Company d/b/a Dominion East) Case No. 07-829-GA-AIR
Ohio for Authority to Increase Rates for its)
Gas Distribution Service.)

In the Matter of the Application of The East)
Ohio Gas Company d/b/a Dominion East) Case No. 07-830-GA-ALT
Ohio for Approval of an Alternative Rate)
Plan for its Gas Distribution Service.)

In the Matter of the Application of The East)
Ohio Gas Company d/b/a Dominion East) Case No. 07-831-GA-AAM
Ohio for Approval to Change Accounting)
Methods.)

In the Matter of the Application of The East)
Ohio Gas Company d/b/a Dominion East)
Ohio for Approval of Tariffs to Recover)
Certain Costs Associated with a Pipeline) Case No. 08-169-GA-ALT
Infrastructure Replacement Program)
Through an Automatic Adjustment Clause)
and for Certain Accounting Treatment.)

In the Matter of the Application of The East)
Ohio Gas Company d/b/a Dominion East)
Ohio for Approval of Tariffs to Recover) Case No. 06-1453-GA-UNC
Certain Costs Associated with Automated)
Meter Reading and for Certain Accounting)
Treatment.)

**DIRECT TESTIMONY
OF
WILSON GONZALEZ**

**ON BEHALF OF THE
OFFICE OF THE OHIO CONSUMERS' COUNSEL**
10 West Broad St., Suite 1800
Columbus, OH 43215

June 23, 2008

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1 **I. INTRODUCTION**

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

3 ***A1.*** My name is Wilson Gonzalez. My business address is 10 West Broad Street,
4 Suite 1800, Columbus, Ohio, 43215-3485. I am employed by the Office of the
5 Ohio Consumers' Counsel ("OCC" or "Consumers' Counsel") as a Senior
6 Regulatory Analyst.

7
8 ***Q2. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND***
9 ***PROFESSIONAL EXPERIENCE?***

10 ***A2.*** I have a Bachelor of Arts degree in Economics from Yale University and a Master
11 of Arts degree in Economics from the University of Massachusetts at Amherst. I
12 have also completed coursework and passed my comprehensive exams towards a
13 Ph.D. in Economics at the University of Massachusetts at Amherst. I have been
14 employed in the energy industry since 1986, first with the Connecticut Energy
15 Office (Senior Economist, 1986-1992), then Columbia Gas Distribution
16 Companies ("Columbia Gas"), (Integrated Resource Planning Coordinator, 1992-
17 1996) and American Electric Power ("AEP") (Marketing Profitability Coordinator
18 and Market Research Consultant, 1996-2002). I have been spearheading the
19 Resource Planning activities within OCC since 2004.

20

**Q3. DESCRIBE YOUR EXPERIENCE DIRECTLY RELATED TO UTILITY
DEMAND-SIDE MANAGEMENT ("DSM") PROGRAMS AND RATE
DESIGN, COST-BENEFIT ANALYSIS AND PROGRAM MONITORING
AND EVALUATION.**

A3. I have been involved with many aspects of DSM programs since 1986. While at the Connecticut Energy Office I represented the office in one of the first DSM collaborative processes in the country (Connecticut Department of the Public Utilities Commission Docket No. 87-07-01). There I analyzed the performance and cost-effectiveness of many efficiency programs for Connecticut's electric and gas utilities that led to demonstration projects, policy recommendations, DSM programs (including rate design) and energy efficiency standards. At Columbia Gas, I was responsible for coordinating the Company's Integrated Resource Plan within the corporate planning department and DSM program development activities in the marketing department. I designed and managed residential DSM programs in Maryland and Virginia. At AEP, I conducted numerous cost benefit analyses of programs being sponsored by AEP's corporate marketing department, including their residential load control water heater program. For the past 4 years at OCC I have:

- Been involved in DSM negotiations resulting in over \$140 million in Energy Efficiency programs with Ohio's investor owned utilities;
- Prepared Demand Side Management testimony in six Public Utility Commission of Ohio Cases;
- Testified before the Ohio House Alternative Energy Committee in support of Energy Efficiency; and
- Assisted in the preparation of Energy Efficiency and Renewable Energy testimony and amendments for SB 221, HB 357, and HB 487.

1 ***Q4. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY BEFORE THE***
2 ***PUBLIC UTILITIES COMMISSION OF OHIO?***

3 ***A4.*** Yes. I submitted testimony in the following cases before the Public Utilities
4 Commission of Ohio (“Commission” or “PUCO”): Vectren Energy Delivery of
5 Ohio, Case No. 04-571-GA-AIR; Dominion East Ohio, Case No. 05-474-GA-
6 ATA; Vectren Energy Delivery of Ohio, Case No. 05-1444-GA-UNC; Columbus
7 Southern Company/Ohio Power Company, Case No. 06-222-EL-SLF; Duke
8 Energy of Ohio, Case No. 07-589-GA-AIR, and FirstEnergy Companies, Case
9 No. 07-551-EL-AIR.

10

11 ***Q5. WHAT DOCUMENTS HAVE YOU REVIEWED IN THE PREPARATION OF***
12 ***YOUR TESTIMONY?***

13 ***A5.*** I have reviewed the DSM discussion in the Dominion East Ohio (“DEO” or “the
14 Company) Rate Case Application, the testimony of Company witness Jeffrey
15 Murphy and the May 23, 2008, Staff Report of Investigation (“Staff Report”) on
16 this topic. I have also reviewed the relevant Company responses to OCC
17 discovery and Commission Staff data requests pertaining to DSM.

1 **II. PURPOSE OF TESTIMONY**

2 **Q6. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

3 **A6.** My testimony will support certain OCC objections to the Staff Report and address
4 the issues raised by those objections. Specifically, I recommend that DEO
5 increase its investment in cost-effective energy efficiency programs beyond the
6 DSM budget increases proposed by the Company and supported by the PUCO
7 Staff. An increased investment in energy efficiency programs for areas served by
8 DEO would provide Ohio customers with many benefits in light of current high
9 natural gas costs. I also agree with the Company and Commission Staff
10 recommendation that the Commission require meetings of all energy efficiency
11 stakeholders at which stakeholders could:

- 12 A. Analyze the potential for direct investment by DEO in energy efficiency
13 resources in a collaborative setting;
- 14 B. Discuss which programs would be designed to harness energy efficiency
15 potential on a comprehensive basis across all sectors; and
- 16 C. Determine which programs to implement based on program benefits and
17 cost-effectiveness.

18

19 To encourage development of energy efficiency programs, I recommend that
20 DEO be allowed to recover energy efficiency investments partly in base rates and
21 partly in a DSM Rider.

22

1 Finally, the Company has proposed a revenue decoupling mechanism in this case
2 and Commission Staff has recommended a modified straight fixed variable
3 ("SFV") rate design instead of revenue decoupling. I recommend that the
4 Commission approve the revenue decoupling mechanism with appropriate
5 consumer protections. I also recommend that the Commission reject the Staff's
6 SFV rate design proposal.

7
8 **III. DEO'S DSM PROPOSAL**

9 ***Q7. DESCRIBE DEO'S DSM PROPOSAL.***

10 ***A7.*** DEO has proposed a DSM program of \$6 million¹ per year to be funded in part
11 from the over-accrued Depreciation Reserve balance (to replace the current \$2.5
12 million per year in rates), and from continuation of the current \$1 million per year
13 Company contribution.

14
15 ***Q8. DESCRIBE THE STAFF'S DSM RECOMMENDATION.***

16 ***A8.*** Staff recommends a slightly lower DSM level of \$5.27 million, of which \$4.27
17 million is to be recovered in rates and not from the Depreciation Reserve balance
18 and the remaining \$1 million coming from shareholders.²

19
20

¹ Rate Case Application (August 30, 2007) at 31; The Staff Report states that DEO's DSM funding proposal is \$5.27 million on page 51.

² Staff Report at 51.

**Q9. WHY ARE YOU RECOMMENDING AN INCREASE IN THE ENERGY
EFFICIENCY INVESTMENTS BY DEO?**

A9. According to the Energy Information Administration ("EIA"), natural gas prices in Ohio have doubled in the last six years.³ I have serious concerns about the impact of increasing residential bills due to the increasing cost and volatility of natural gas. Because of these concerns, I am interested in promoting programs and policies that mitigate those increases and their impacts on residential customers. To illustrate these concerns, natural gas, the fuel used to heat approximately 69 percent of all homes in Ohio,⁴ "will cost about 52 percent more this year and in 2009 compared to 2007. The EIAS' new forecast was up from the 35 percent price increase for 2008 that the government had projected just last month."⁵ Natural gas prices are expected to further escalate with the future passage of Federal Greenhouse Gas Legislation as natural gas is a cleaner fuel than coal for generating electricity.⁶ The Staff Report is also correct and very clear on this point when it states, "given this environment, conservation and energy efficiency have a positive role to play in controlling energy costs."⁷

³ EIA, "Natural Gas Prices," http://tonto.eia.doe.gov/dnav/ng/ng_pri_sum_dcu_SOH_a.htm

⁴ U. S. Census Bureau American Community Survey, Selected Housing Characteristics, Ohio (2006).

⁵ See "Add natural gas to worries," Cincinnati Enquirer, June 11, 2008.

⁶ Ken Costello, "Natural Gas in a Carbon-Constrained World," National Regulatory Research Institute (March 2008). For example, Mr. Costello cites on page 3, a recent Natural Gas Council Study that estimates that the passage of the McCain-Lieberman Bill will sharply increase the demand for natural gas and increase the price of natural gas by \$4.00 per Mcf by 2030.

⁷ Staff Report at 51.

1 ***Q10. IS THERE SUPPORT FOR NATURAL GAS DSM IN OHIO AND***
2 ***REGIONALLY AT THIS TIME?***

3 ***A10.*** Yes. Given the impact of rising natural gas costs around the country, Ohio and
4 many other states are promoting DSM as a low cost solution for providing energy
5 services.⁸ In Ohio, the PUCO approved significant DSM funding as part of Duke
6 Energy (Case No. 06-91-EL-UNC), and Columbia Gas (Case No. 05-221-GA-
7 GCR), cases that together stand to increase natural gas DSM funding to over
8 \$52.8 million over the next three years.

9
10 On January 17, 2007 Governor Strickland's Executive Order 2007-02S,
11 Coordinating Ohio Energy Policy and State Energy Utilization, was also issued
12 that further recognized the need for energy efficiency programs. The Governor's
13 Order sets forth a number of actions that state agencies, commissions, and boards
14 are required to undertake to reduce and improve the energy consumption of the
15 state. The Governor's Order states that "it is the responsibility of state
16 government to lead by example in reducing energy consumption in this era of
17 steep energy prices, mounting environmental concerns, and persistent energy
18 security risk."⁹ It further states that "by improving energy efficiency and adopting
19 advanced energy utilization technologies, we can make the most of our existing

⁸ See Midwest Natural Gas Energy Efficiency Initiative at <http://www.mwnaturalgas.org/>

⁹ Id. at 2.

1 energy resources and also stimulate activity and investment in the energy
2 efficiency services sector.”¹⁰

3
4 More recently, continuing state support for energy efficiency is demonstrated by
5 the signing into law of Senate Bill 221 with its aggressive energy efficiency
6 requirements on electric utilities and its natural gas revenue decoupling language
7 provisions to remove the disincentive of making energy efficiency investments by
8 Ohio’s gas utilities.

9
10 Finally, OCC's recommendation for increased DSM funding in this case is
11 consistent with the Energy Security and Climate Stewardship Platform for the
12 Midwest (“MESCSPP”)¹¹ that Governor Strickland agreed to on November 15,
13 2007. The MESCSPP recommends that 22 percent of Ohio's energy needs by 2025
14 be met through the use of energy efficiency.

15
16 ***Q11. WHAT OHIO STATUTORY OR REGULATORY MANDATES DO THE***
17 ***ENERGY EFFICIENCY PROGRAMS SUPPORT?***

18 ***A11.*** Based on my experience with energy efficiency programs, my review of the
19 related Ohio regulations, and discussions with OCC counsel, it is my

¹⁰ Id. at 2.

¹¹ The State’s energy efficiency commitment is as follows: “Meet at least 2 percent of regional annual retail sales of *natural gas* and electricity through energy efficiency improvements by 2015, and continue to achieve an additional 2 percent in efficiency improvements every year thereafter.” (emphasis added) See http://www.midwesterngovernors.org/Publications/MGA_Platform2WebVersion.pdf

1 understanding that the energy efficiency programs I propose support the
2 following:

3 • R.C. 4905.70: "The public utilities commission shall initiate
4 programs that will promote and encourage conservation of energy
5 and a reduction in the growth rate of energy consumption, promote
6 economic efficiencies, and take into account long-run incremental
7 costs."

8
9 • R.C. 4929.02 (A)(4): "Encourage innovation and market access
10 for cost-effective supply-and demand-side natural gas services and
11 goods;"

12
13 • R.C. 4935.01(A)(1): In its forecasting duties, "the commission
14 will [estimate needs for energy that] reasonably balance
15 requirements of state and regional development, protection of
16 public health and safety, preservation of environmental quality,
17 maintenance of a sound economy, and conservation of energy and
18 material resources."
19

20 ***Q12. WHAT IS THE ECONOMICAL NATURAL GAS ENERGY EFFICIENCY***
21 ***POTENTIAL IN OHIO?***

22 ***A12.*** According to a Market Assessment Study conducted by the Quantec Consulting
23 Firm in 2005, about 24 percent of the Midwest natural gas load is economically
24 viable to be offset by energy efficiency. Economically viable means the energy
25 efficiency programs help consumers avoid having to purchase gas at a lower cost
26 than they could be supplied by traditional supply side sources.¹² An American
27 Council for an Energy-Efficient Economy ("ACEEE") Midwest study

¹² See "Midwest Residential Market Assessment and DSM Potential Study" by Quantec and commissioned by the Midwest Energy Efficiency Alliance, March 2006. A major project task of the study was to collect primary data to characterize the five Midwest states (Indiana, Kentucky, Michigan, Missouri, and Ohio) for which publicly accessible in-depth market assessments had not been conducted.

recommends the following percentage natural gas savings as a percentage of utility energy demand by sector targets for Ohio.¹³

(Percentage Natural Gas Savings by Sector)

	2006	2010	2015	2020
Residential	1.8%	3.6%	5.9%	8.2%
Commercial	1.6%	3.2%	5.2%	7.2%
Industrial	1.4%	3.5%	6.0%	8.6%
Total	1.6%	3.5%	5.8%	8.1%

ACEEE's natural gas savings estimate for Ohio is based on realistic savings that could be achieved through the implementation of aggressive energy efficiency programs similar to those that have been deployed in recent years in response to recent regional energy shortages. ACEEE then applied those estimates to the end-use estimates in Ohio to develop sector-specific estimates of energy savings.

Q13. WHAT ENERGY SAVINGS TARGET DO YOU RECOMMEND?

A13. I recommend DEO obtain a verified energy usage reduction of one percent of its retail sales cumulative over 3 years starting in 2009 (i.e., by 12/31/2011) from its

¹³ See Martin Kushler, Ph.D., Dan York, Ph.D., and Patti Witte, M.A. "Examining the Potential for Energy Efficiency to Help Address the Natural Gas Crisis in the Midwest." January 2005, URL: <http://aceee.org/pubs/u051.htm>.

1 energy efficiency programs. The DSM budget recommended is consistent with
2 the above savings target as demonstrated in Schedule WG-2.

3
4 **Q14. WHAT DOLLAR LEVELS OF ENERGY EFFICIENCY INVESTMENTS**
5 **WILL MEET YOUR RECOMMENDED COST SAVINGS TARGET FOR**
6 **DEO?**

7 **A14.** Given the cost-effective energy efficiency potential available, I recommend that
8 the level of DSM funding be increased to average \$15.6 million annually, or
9 \$46.8 million over three years. This figure is derived by taking the average per
10 customer existing or proposed energy efficiency spending levels of Vectren
11 Energy Delivery of Ohio, Duke Energy of Ohio, and Columbia Gas of Ohio, and
12 multiplying that figure by the number of customers in DEO's service territory.
13 This is illustrated in Schedule WG-1. As part of this recommendation, I agree
14 with Staff that the shareholder contribution should continue to be \$1 million (as
15 part of the total \$15.6 million) annually. This level of spending should enable
16 DEO to meet my recommended savings target.

17
18 **Q15. HOW SHOULD DEO RECOVER ITS DSM COST?**

19 **A15.** The Company should recover a minimum base amount of its DSM costs in rates
20 to get the programs started the first year and begin to build an energy efficiency
21 infrastructure in its service territory. This will entail the training of Heating
22 Ventilation and Air Conditioning contractors, insulation contractors, and building
23 contractors and assist, in equipping them with new heat loss detecting equipment.

1 Based on my experience in developing DSM budgets in other states and with
2 other companies, I recommend that approximately \$11.7 million be placed in
3 rates the first year. For the next two years, in addition to the annual base rate
4 amount of \$10.7 million , plus the shareholder contribution of \$1 million, I
5 recommend that a DSM rider be established to recover an additional \$3.9 million
6 in year two and \$7.8 million in year three to better accommodate the ramping up
7 of the programs. Furthermore, to ensure that the majority of the DSM dollars go
8 to customers, program administration and marketing/education costs should not
9 exceed 20 percent of total budget. Finally, all programs should pass the total
10 resource cost test.¹⁴

11
12 ***Q16. DO YOU SUPPORT DEO'S PROPOSED PER CUSTOMER DECOUPLING***
13 ***MECHANISM?***

14 ***A16.*** Yes, as a quid pro quo to my higher level of DSM savings and with other
15 consumer safeguards. The Company's proposed Sales Reconciliation Rider
16 ("SRR") is a superior mechanism than an SFV rate design for the reconciliation of
17 base case revenues to actual revenues because it removes the conservation
18 disincentive from the Company and maintains it for the customer.

19
20 ***Q17. WHAT CONSUMER SAFEGUARDS DO YOU RECOMMEND FOR THE***
21 ***DECOUPLING MECHANISM?***

¹⁴ See "California Standard Practice Manual: Economic Analysis of Demand-Side Programs and Projects," (2002) at <http://drrc.lbl.gov/pubs/CA-SPManual-7-02.pdf>.

- 1 A17. When considering whether to approve a utility request for decoupling, the
2 following safeguards, principles or preconditions should be adhered to:
- 3 1. In exchange for the significant risk reduction in utility revenue collection
4 the Commission must include a significant DSM program as I have
5 already suggested (a greater DSM funding commitment would hold true if
6 the Commission approved a SFV rate design given the added reduction of
7 the Company's weather risk).
- 8 2. Any mechanism adopted should contain consumer protections that guard
9 against rate shock and utility over-earning. This consumer protection can
10 take the form of a rate cap on the decoupling revenues. The rate cap could
11 take the following forms:
- 12 a. A dollar cap on decoupled revenues;
- 13 b. A cap on the percentage amount that a rider could increase
14 annually; and
- 15 c. Permitting decoupled revenues to be recovered at less than 100
16 percent as in other jurisdictions.¹⁵
- 17 3. Another important protection is that the Company should utilize an
18 appropriate weather normalization methodology for its calculations.
- 19 4. The PUCO should make a downward adjustment in the Company's return
20 on equity ("ROE") as recommended by OCC's rate of return witness Dr.
21 Woolridge.¹⁶

¹⁵ See *Indiana Gas Company and South Indiana Gas and Electric Company both d/ba/ Vectren Energy Delivery of Indiana*, Case No. 43046, where the Company's decoupling mechanism is capped at 85 percent.

¹⁶ OCC Direct Testimony of Randall J. Woolridge (June 23, 2008) at 102.

1

2 Designing a decoupling mechanism based on the above principles should benefit
3 residential customers with lower and more stable bills, while at the same time
4 providing the benefits of more timely revenue recovery and less risk for the
5 Company and its shareholders.

6

7 ***Q18. IF YOU GENERALLY SUPPORT REVENUE DECOUPLING WITH***
8 ***CONSUMER SAFEGUARDS, WHY DO YOU OPPOSE THE STAFF***
9 ***REPORT'S RECOMMENDED MOVE TO A SFV RATE DESIGN?***

10

11 ***A18.*** While generally less complex to administer than a revenue decoupling
12 mechanism, an SFV rate design introduces a host of analytical and other types of
13 problems (as more completely discussed by OCC witness Radigan)¹⁷, including:

- 14 1. The SFV rate design reduces the natural gas price signal;
- 15 2. The SFV rate design is regressive on low usage customers (a sizeable
16 portion that are low or fixed income) and will produce significant rate
17 shock;
- 18 3. The SFV rate design may cause very low usage customers to drop off the
19 system with the remaining customers paying higher rates;
- 20 4. The SFV rate design penalizes those customers who have undertaken
21 energy efficiency investments because of the declining block nature of an
22 SFV rate design;

¹⁷ OCC Direct Testimony of Frank W. Radigan (June 23, 2008).

- 1 5. The SFV rate design leads to reduced energy efficiency by lessening
2 consumer payback periods for self-initiated efficiency;
3 6. The SFV rate design violates the "gradualism" doctrine of rate design; and
4 7. The SFV rate design has a more extreme impact on a sizeable portion of
5 DEO's residential customers when compared to a revenue decoupling
6 mechanism.

7
8 Although economic efficiency is an important consideration when structuring
9 rates, it is not the only consideration. Fairness, rate stability, revenue stability,
10 ease of administration, non-discrimination and environmental protection are
11 equally significant and need to be reconciled by the Commission. In this regard,
12 an SFV has been rejected by Commissions in six states.¹⁸

13
14 ***Q19. WHAT IS THE BEST APPROACH FOR THE OPTIMAL DESIGN AND***
15 ***IMPLEMENTATION OF ENERGY EFFICIENCY PROGRAMS FOR DEO?***

16 ***A19.*** The most effective way for interested parties to have input in the DEO DSM Plan
17 would be to work cooperatively with the Company in the plan design. This
18 approach should significantly limit the areas of disagreement, and should lead to
19 greater understanding of the complex issues by all parties involved. It should also
20 require significantly less regulatory intervention and litigation, as the parties work

¹⁸ David E. Dismukes, "Regulatory Issues for Consumer Advocates in Rate Design, Incentives and Energy Efficiency," NASUCA Mid-Year Meeting, (June 11, 2007) at 11. Of the six states where an SFV rate design was rejected, three did allow some increase to the customer service charge. Two states have approved an SFV rate design.

1 together to reach compromise on many, if not all, of their differences outside of
2 the regulatory proceeding. My experience in Connecticut with the Northeast
3 Utilities and United Illuminating Company collaboratives and in Maryland with
4 the Columbia Gas or Maryland Collaborative, and with Duke and Columbia Gas
5 in Ohio has demonstrated that a collaborative DSM process can be very effective
6 in developing successful, cost-effective programs. I therefore recommend that a
7 small group of interested stakeholders participate in a collaborative process
8 starting in 2008 whose purpose is to analyze the potential for direct investment by
9 DEO in energy efficiency resources; to design programs to harness that potential
10 on a comprehensive basis, across all sectors; and to facilitate the implementation
11 of such programs by the Company to the full extent that they are cost-effective.
12

13 ***Q20. HOW WOULD THE COLLABORATIVE PROCESS WORK AND HOW***
14 ***LONG WOULD THE PROCESS TAKE?***

15 ***A20.*** The details of the process should be worked out among the key stakeholders that
16 participate. The first task of the collaborative would be to establish the overall
17 goals and objectives of the process. I recommend the Company be given four
18 months after the Commission Order in this case to file their DSM programs, with
19 program implementation commencing three months after PUCO approval of said
20 filing.
21

22 This allows sufficient time for meaningful input from the stakeholders, and would
23 allow the Company to begin implementing the new programs in 2009. Issues that

1 have not been agreed to by all parties of the collaborative can be brought before
2 the Commission at that time.

3

4 **IV. CONCLUSION**

5 ***Q21. DOES THIS CONCLUDE YOUR TESTIMONY?***

6 ***A21.*** Yes. However, I reserve the right to incorporate new information that may
7 subsequently become available. I also reserve the right to supplement my
8 testimony in the event the PUCO Staff fails to support the recommendations made
9 in the Staff Report and/or changes positions made in the Staff Report.

10

Proposed DEO DSM Annual Funding Target (PRO FORMA Worksheet)							Schedule WG-1	
Major Ohio Natural Gas Companies	Customers	Low Income EE	Regular EE	Total EE	Low Income as % of Total	Spending per Customer		
VEDO	318,222	(1) \$ 1,100,000	\$ 2,900,000	\$ 4,000,000	(5) 28%	\$ 12.57		
COH	1,423,164	(2) \$ 7,100,000	\$ 8,300,000	\$ 15,400,000	(6) 46%	\$ 10.82		
Duke	424,000	(3) \$ 3,400,000	\$ 3,000,000	\$ 6,400,000	(7) 53%	\$ 15.09		
					Average Spending per Customer	\$ 12.83		
					Low Income as % of Total			
DEO Existing	1,220,869	(4) \$ 3,500,000	0	\$ 3,500,000	100%	\$ 2.87		
DEO Proposal	1,220,869	(4) \$ 3,500,000	\$ 2,500,000	\$ 6,000,000	58%	\$ 4.91		
Staff Proposal	1,220,869	(4) \$ 3,500,000	\$ 1,770,010	\$ 5,270,010	66%	\$ 4.32		
OCC Proposal	1,220,869	(4)		\$ 15,661,772	0%	\$ 12.83		
Notes:								
(1) Population figures from 2007 Annual Report filed with PUOCO.								
(2) Population figures from 2007 Annual Report filed with PUOCO.								
(3) Total customers per 07-589 Rate Case Application.								
(4) Population figures from 2007 Annual Report filed with PUOCO.								
(5) VEDO funding from Case No. 04-571-GA-AIR and proposed in 07-1080-GA-AIR. Does not include Company shareholder contribution of \$2 million for low income customers in Case No. 05-1444-GA-UNC.								
(6) COH Budget Number is average over 3 years as per settlement agreement in Case No. 05-221-GA-GCR.								
(7) Duke spending from Case No. 06-93-GA-UNC and includes \$1,000,000 additional weatherization approved in Case No. 07-569-GA-AIR.								

Proposed DEO Savings Target As Percentage of Load		Schedule WG-2		
DEO Estimates of Savings (MCF)		Year 1	Year 2	Year 3
Program Savings*		168,121	755,552	1,157,736
DEO Annual Load**		79,073,000	86,018,000	61,462,000
				75,517,667
% of Load Saving		0.009187294		
Three Year DEO DSM Expenditures		\$46,985,315		
Funding adjustment factor#		1.17		
Adjusted % of Load Saving		0.010791697		
Notes:				
* Program Savings from a \$40 million Residential funding source as modeled in Case No. 05-474-GA-ATA Gonzalez Testimony.				
** From three years total sales forecast prior to Phase 1 Exit.				
# Ratio of Three Year DEO DSM Expenditures over \$40 million Expenditure level modeled.				

CERTIFICATE OF SERVICE

It is hereby certified that a true copy of the foregoing the *Direct Testimony of Wilson Gonzalez on Behalf of the Office of the Ohio Consumers' Counsel* has been served via First Class US Mail (electronically upon DEO & DEO Counsel), this 23rd day of June, 2008.



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