

**BEFORE  
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of Ohio :  
Edison Company, The Cleveland Electric : Case No. 14-1297-EL-SSO  
Illuminating Company and The Toledo :  
Edison Company for Authority to Provide :  
for a Standard Service Offer Pursuant to :  
R.C. 4928.143, in the Form of an Electric :  
Security Plan. :

**PREFILED TESTIMONY  
OF  
TIMOTHY W. BENEDICT  
RATES & ANALYSIS DEPARTMENT  
PUBLIC UTILITIES COMMISSION OF OHIO**

**Staff Exhibit \_\_\_\_\_**

**September 18, 2015**

1 1. Q. Please state your name, employer and business address.

2 A. My name is Timothy W. Benedict. I am employed by the Public Utilities  
3 Commission of Ohio, 180 E. Broad St, Columbus, OH 43215.  
4

5 2. Q. What is your current position at the Commission?

6 A. I am a Utility Specialist in the Forecasting, Markets & Corporate Oversight  
7 Division of the Rates & Analysis Department. My responsibilities include  
8 economic analysis of wholesale and competitive markets, demand  
9 forecasting and resource planning. I have also been continuously involved  
10 in Staff's review of various grid modernization "smart grid" initiatives.  
11

12 3. Q. Please summarize your educational background and work experience.

13 A. I received a B.A. in Economics from the University of Vermont and an  
14 M.A. in Economics from Cleveland State University. I have been  
15 employed by TrustCo Bank in Glenville, NY and AmTrust Bank in  
16 Cleveland, OH prior to joining the Staff of the Commission in December of  
17 2009.  
18

19 4. Q. What is the purpose of your testimony?

20 A. My testimony recommends that the Commission order Ohio Edison  
21 Company, The Cleveland Electric Illuminating Company, and The Toledo  
22 Edison Company (the Companies) to file a business case that seeks to

1 expand their existing smart grid program and that the Commission  
2 authorize a non-bypassable rider for the Companies, initially set at zero, for  
3 the purpose of recovery of costs associated with the expanded program.  
4

5 5. Q. What is your understanding of the Companies' existing Ohio smart grid  
6 deployment?

7 A. The Companies committed to pursue federal funds for smart grid  
8 investments as part of the Electric Security Plan (ESP) stipulation in Case  
9 No. 08-936-EL-SSO. The Companies received approval from the  
10 Department of Energy for their Smart Grid Modernization Initiative and  
11 began installation of approximately 5,000 meters in early 2011. A  
12 Consumer Behavioral Study commenced in the summer of 2012, which  
13 was designed to study customer responses to different combinations of  
14 pricing programs and in-home technologies. Phase 2 of the smart grid  
15 program, which sought to expand the initial test phase to approximately  
16 44,000 customers, was approved by the Commission in May 2013 in Case  
17 No. 09-1820-EL-ATA.  
18

19 6. Q. What do you consider to be the proper scope for further deployment?

20 A. In a general sense, the Companies should file a business case for future  
21 implementation of a broad spectrum of smart grid technologies, inclusive of  
22 advanced metering infrastructure (AMI), distribution automation circuit

1 reconfiguration (DACR), and volt/var optimization (VVO), to the extent  
2 that these investments are cost effective. However, Staff is not being  
3 prescriptive at this time regarding the proper scope of any further  
4 deployment of smart grid technologies. The intention is that the  
5 Companies' business case analysis will drive discussion in a subsequent  
6 proceeding as to the extent of investment that can be justified and that such  
7 analysis is cost effective at this time. Staff believes that the Commission  
8 should order the Companies to file such a business case within 6 months  
9 after a finding and order has been issued in this proceeding.

10  
11 7. Q. Does this conclude your testimony?

12 A. Yes, it does. However, I reserve the right to submit supplemental  
13 testimony as described herein, as new information becomes available or in  
14 response to positions taken by other parties.

## **PROOF OF SERVICE**

I hereby certify that a true copy of the foregoing Prefiled Testimony of **Timothy W. Benedict**, submitted on behalf of the Staff of the Public Utilities Commission of Ohio, was served by regular U.S. mail, postage prepaid, hand-delivered, and/or delivered via electronic mail, upon the following parties of record, this 18th day of September, 2015.

*/s/ Steven L. Beeler*

**Steven L. Beeler**

Assistant Attorney General

### **Parties of Record:**

[cmooney@ohiopartners.org](mailto:cmooney@ohiopartners.org)  
[drinebolt@ohiopartners.org](mailto:drinebolt@ohiopartners.org)  
[tdougherty@theoec.org](mailto:tdougherty@theoec.org)  
[joseph.clark@directenergy.com](mailto:joseph.clark@directenergy.com)  
[ghull@eckertseamans.com](mailto:ghull@eckertseamans.com)  
[sam@mwncmh.com](mailto:sam@mwncmh.com)  
[fdarr@mwncmh.com](mailto:fdarr@mwncmh.com)  
[mpritchard@mwncmh.com](mailto:mpritchard@mwncmh.com)  
[kboehm@bkllawfirm.com](mailto:kboehm@bkllawfirm.com)  
[jkylercohn@bkllawfirm.com](mailto:jkylercohn@bkllawfirm.com)  
[larry.sauer@occ.ohio.gov](mailto:larry.sauer@occ.ohio.gov)  
[michael.schuler@occ.ohio.gov](mailto:michael.schuler@occ.ohio.gov)  
[joliker@igsenergy.com](mailto:joliker@igsenergy.com)  
[mwhite@igsenergy.com](mailto:mwhite@igsenergy.com)  
[myurick@taftlaw.com](mailto:myurick@taftlaw.com)  
[schmidt@sppgrp.com](mailto:schmidt@sppgrp.com)  
[ricks@ohanet.org](mailto:ricks@ohanet.org)  
[tobrien@bricker.com](mailto:tobrien@bricker.com)  
[stnourse@aep.com](mailto:stnourse@aep.com)  
[mjsatterwhite@aep.com](mailto:mjsatterwhite@aep.com)  
[yalami@aep.com](mailto:yalami@aep.com)

[christopher.miller@icemiller.com](mailto:christopher.miller@icemiller.com)  
[gregory.dunn@icemiller.com](mailto:gregory.dunn@icemiller.com)  
[jeremy.grayem@icemiller.com](mailto:jeremy.grayem@icemiller.com)  
[athompson@taftlaw.com](mailto:athompson@taftlaw.com)  
[marilyn@wflawfirm.com](mailto:marilyn@wflawfirm.com)  
[blanghenry@city.cleveland.oh.us](mailto:blanghenry@city.cleveland.oh.us)  
[hmadorsky@city.cleveland.oh.us](mailto:hmadorsky@city.cleveland.oh.us)  
[kryan@city.cleveland.oh.us](mailto:kryan@city.cleveland.oh.us)  
[mkurtz@bkllawfirm.com](mailto:mkurtz@bkllawfirm.com)  
[ccunningham@akronohio.gov](mailto:ccunningham@akronohio.gov)  
[bojko@carpenterlipps.com](mailto:bojko@carpenterlipps.com)  
[allison@carpenterlipps.com](mailto:allison@carpenterlipps.com)  
[hussey@carpenterlipps.com](mailto:hussey@carpenterlipps.com)  
[gkrassen@bricker.com](mailto:gkrassen@bricker.com)  
[dborchers@bricker.com](mailto:dborchers@bricker.com)  
[asonderman@keglerbrown.com](mailto:asonderman@keglerbrown.com)  
[mfleisher@elpc.org](mailto:mfleisher@elpc.org)  
[jscheaf@mcdonaldhopkins.com](mailto:jscheaf@mcdonaldhopkins.com)  
[mitch.dutton@fpl.com](mailto:mitch.dutton@fpl.com)  
[matt@matthewcoxlaw.com](mailto:matt@matthewcoxlaw.com)  
[todonnell@dickinson-wright.com](mailto:todonnell@dickinson-wright.com)

[callwein@wamenergylaw.com](mailto:callwein@wamenergylaw.com)  
[jfinnigan@edf.org](mailto:jfinnigan@edf.org)  
[wttpmlc@aol.com](mailto:wttpmlc@aol.com)  
[mkl@bbrslaw.com](mailto:mkl@bbrslaw.com)  
[rlehfeldt@crowell.com](mailto:rlehfeldt@crowell.com)  
[jeffrey.mayes@monitoringanalytics.com](mailto:jeffrey.mayes@monitoringanalytics.com)  
[toddm@wamenergylaw.com](mailto:toddm@wamenergylaw.com)  
[lhawrot@spilmanlaw.com](mailto:lhawrot@spilmanlaw.com)  
[dwilliamson@spilmanlaw.com](mailto:dwilliamson@spilmanlaw.com)  
[meissnerjoseph@yahoo.com](mailto:meissnerjoseph@yahoo.com)  
[trhayslaw@gmail.com](mailto:trhayslaw@gmail.com)  
[lesliekovacik@toledo.oh.gov](mailto:lesliekovacik@toledo.oh.gov)  
[cynthia.brady@exeloncorp.com](mailto:cynthia.brady@exeloncorp.com)  
[david.fein@exeloncorp.com](mailto:david.fein@exeloncorp.com)  
[dakutik@jonesday.com](mailto:dakutik@jonesday.com)

[dwolff@crowell.com](mailto:dwolff@crowell.com)  
[sechler@carpenterlipps.com](mailto:sechler@carpenterlipps.com)  
[gas@bbrslaw.com](mailto:gas@bbrslaw.com)  
[gpoulos@enernoc.com](mailto:gpoulos@enernoc.com)  
[mhpetricoff@vorys.com](mailto:mhpetricoff@vorys.com)  
[ojk@bbrslaw.com](mailto:ojk@bbrslaw.com)  
[sfisk@earthjustice.org](mailto:sfisk@earthjustice.org)  
[msoules@earthjustice.org](mailto:msoules@earthjustice.org)  
[tony.mendoza@sierraclub.org](mailto:tony.mendoza@sierraclub.org)  
[lael.campbell@exeloncorp.com](mailto:lael.campbell@exeloncorp.com)  
[dstinson@bricker.com](mailto:dstinson@bricker.com)  
[jlang@calfee.com](mailto:jlang@calfee.com)  
[talexander@calfee.com](mailto:talexander@calfee.com)  
[burkj@firstenergycorp.com](mailto:burkj@firstenergycorp.com)  
[dunn@firstenergycorp.com](mailto:dunn@firstenergycorp.com)

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**9/18/2015 11:23:56 AM**

**in**

**Case No(s). 14-1297-EL-SSO**

Summary: Testimony Prefiled Testimony of Timothy W. Benedict submitted by Assistant Attorney General Steven Beeler on behalf of the Staff of the Public Utilities Commission of Ohio. electronically filed by Kimberly L Keeton on behalf of Public Utilities Commission of Ohio