

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

CAMPBELL, et al.

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)

Complainant,

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Case No. 17-0520-EL-CSS

v.

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)

OHIO EDISON COMPANY,

)

)

Respondent.

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)

**DIRECT TESTIMONY OF MATTHEW ZAPP ON BEHALF OF
OHIO EDISON COMPANY**

INTRODUCTION

Q. PLEASE INTRODUCE YOURSELF.

A. My name is Matthew Zapp. I am employed by Ohio Edison Company ("OE" or "Company") as a Supervisor of Regional Operations, specifically Meter Services.

Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND WORK EXPERIENCE.

A. I began working for Ohio Edison in 2000 as a meter reader. In 2004, I began working in revenue operations and worked there until 2007. After that, I worked for over 6 years as a meter service technician. In that role, I installed, maintained, and inspected metering installations, including both secondary and primary metering installations. In 2013, I was promoted to the position of meter services supervisor and have worked in that role for the past 4 years.

Q. WHAT ARE YOUR CURRENT JOB RESPONSIBILITIES?

A. I supervise the installation, maintenance, inspection and auditing of meter installations. This includes self-contained metering, and current transformer metering of both secondary and primary installations.

Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE COMMISSION?

A. No.

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THE PRESENT CASE?

A. The purpose of my testimony is to describe the configuration of OE's service to 435 E. Haskell St., Loudonville, Ohio 44842 (the "Property"). My testimony also provides historical information regarding when the Property initially began receiving service from an OE primary line.

1 **Q. DID YOU REVIEW ANY RECORDS RELATED TO THIS CASE?**

2 A. Yes, I reviewed the customer account information in SAP and the record on file for the
3 installation of the primary metering at this location.

4 **BACKGROUND AND CONFIGURATION OF OE'S SERVICE**

5 **Q. DO YOU KNOW WHO THE CUSTOMER OF RECORD AT THE PROPERTY IS?**

6 A. Yes. Mr. Jack Campbell is the customer of record at the Property.

7 **Q. HAVE YOU PREVIOUSLY BEEN TO THE PROPERTY TO LOOK AT THE**
8 **SERVICE PROVIDED TO THE PROPERTY BY OE?**

9 A. Yes. I have been to the Property on several occasions to look at the service provided to the
10 Property by OE. This includes visits to the Property in March 2017 and September 2017.
11 Attached to my testimony as Attachment MAZ-1 and MAZ-2 are true and accurate copies
12 of photographs taken by me on each of those respective occasions. For ease of reference,
13 these attachments also include textual descriptions of the various facilities that are pictured.
14 References to "customer" owned equipment in Attachment MAZ-1 and Attachment MAZ-
15 2 mean that the equipment is not owned by OE but, rather, the owner of the Property.

16 **Q. ARE THESE PHOTOGRAPHS A TRUE AND ACCURATE REPRESENTATION**
17 **OF THE CURRENT CONFIGURATION OF THE SERVICE PROVIDED TO THE**
18 **PROPERTY BY OE?**

19 A. Yes.

20 **Q. CAN YOU PLEASE DESCRIBE THE CONFIGURATION OF THE SERVICE**
21 **PROVIDED TO THE PROPERTY BY OE?**

22 A. Yes. Ohio Edison provides primary service from a 12.47 kilovolt line on its Mohican
23 Circuit to a pole on the Property that is owned by the owner of the Property (the "Pole").

1 The primary voltage is three-phase, 12.47 kilovolt phase-to-phase, and 7.2 kilovolt, phase-
2 to-neutral, to the Pole. The three-phase primary voltage is connected to current and voltage
3 transformers for metering purposes, and then the primary phases are connected to a bank
4 of three transformers that are owned by the Property owner, located directly underneath
5 the metering transformers.

6 **Q. FOR HOW LONG HAS THE PROPERTY RECEIVED SERVICE FROM OE's**
7 **12.47 KILOVOLT LINE?**

8 A. Company records indicate that the Property has received service from OE's 12.47 kilovolt
9 line since December 1970. Attached to my testimony as MAZ-3 is a copy of OE's
10 Instrument Transformation Meter Installation record showing the original installation date
11 of the service.

12 **CONCLUSION**

13 **Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

14 A. Yes; however, I reserve my right to supplement my testimony.

ATTACHMENT MAZ-1

435 E. Haskell Street

Photograph from March 2017



OE Pole

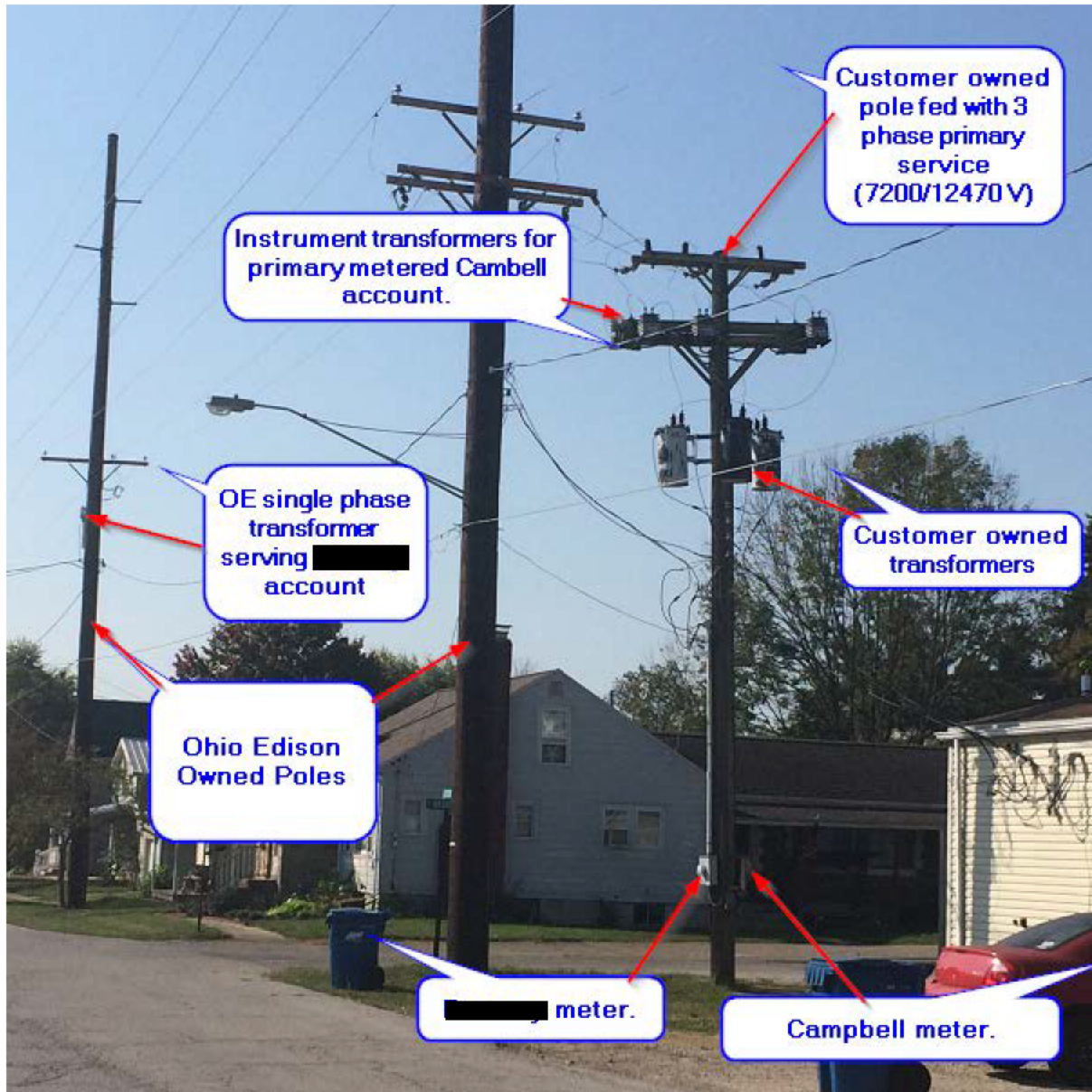
Customer owned pole and transformers. Metering equipment is on cross arms. Customer's has configured the customer owned transformers to provide 120/240 volt 3 wire entering the building.

This is the other service a 120/240 Volt Service fed from an upstream single phase can

ATTACHMENT MAZ-2

435 E. Haskell Street

Photograph from September 2017



ATTACHMENT MAZ-3

435 E. Haskell Street

Ohio Edison Instrument Transformation Meter
Installation Record

INSTRUMENT TRANSFORMER METER INSTALLATION

Mansfield DIVISION Lowell Conway DATE June 8, 1973
CUSTOMER Mumper Locker Plant BUSINESS Frozen Food Locker
ADDRESS North Jefferson Street CITY Loudonville, Ohio
SERVICE VOLTS 12.5kV WIRE 4 PH. 3 INSTALLATION: ORIGINAL - CHANGE
CAPACITY OF SERVICE ENTRANCE Primary TO BE INSPECTED: YES NO
METER LOCATION Pole BILLING RATE 2751
METER HOUSING OR MOUNTING 8 Terminal Base
INST. TRAN. HOUSING OR MOUNTING Open on crossarm
ORIGINAL CUSTOMER NAME same ORIG. INST. DATE 12-30-70
2-465-13-000559-2-01

INSTRUMENT TRANSFORMERS							
	PH.	COMPANY NUMBER	SERIAL NUMBER	TYPE	MFR.	N.P. RATING	RATIO
C.T.	1	C-19998	H-432479	JKW-5	GE	10 :5A	2 :1
	2	C-19999	H-440833	JKW-5	GE	10 :5A	2 :1
	3	C-20000	H-443841	JKW-5	GE	10 :5A	2 :1
	RF=1.5@30°C						
P.T.	1	P-4860	G819139	JVW-5	GE	7200 V	60 :1
	2	P-4572	G803419	JVW-5	GE	7200 V	60 :1
	3					V	:1

METER FOR KWH

CO. NO. 755140225 CO. NO. 750825486 MFR. GE TYPE VM-63-S K_r 120
CO. NO. 750825486 CO. NO. 902810882 TEST SWITCH Yes - No PK_h 144
N.P.R.A.-A 2.5 V 120 W 3 STATORS 2-2w DIALS 4 K_h 1.2
R_r 166 2/3 TEETH 1st WH 75 SHAFT TEETH 20 R_s 3.75 R_g 8333 1/3
PULSE GEN TYPE _____ PULSES/DISK REV. _____ K_e _____ K_d _____

METER FOR KVAH-KVARH-KQH

CO. NO. _____ CO. NO. 750825486 MFR. _____ TYPE _____ K_r _____
CO. NO. _____ CO. NO. _____ TEST SWITCH Yes - No PK_h _____
N.P.R.A.-A _____ V _____ W _____ STATORS _____ DIALS _____ K_h _____
R_r _____ TEETH 1st WH _____ SHAFT TEETH _____ R_s _____ R_g _____
PULSE GEN TYPE _____ PULSES/DISK REV. _____ K_e _____ K_d _____

LOAD METER KW-KVAKVARH-KQ

CO. NO. 755140225 CO. NO. 750825486 MFR. GE TYPE VM-63-S INT. 30 K 120
CO. NO. 750825486 CO. NO. 902810882 TIMING Motor 4.8
N.P.R.A.-A 2.5 V 120 W 3 STATORS 2-2w MARKED F.S. 8.3 CHART NO. _____
METER REV. F.S. 3458 1/3 F.S. 996 1109 KW-KVA

PHASE SHIFTING TRANSFORMER OR DOUBLE THROW SWITCH

CO. NO. _____ CO. NO. _____ MFR. _____ TYPE _____ V _____ W _____ PH _____
AVAIL. TAPS _____ CONN. TAP _____ D.T.SW. _____ PTS. _____

CHECKED WITH INSTRUMENTS: C.T. RATIO _____ YES - NO _____ CONNECTIONS _____ YES - NO _____

REMARKS OR SPECIAL INFORMATION changed to kW Dem order #16-11 (F.S.-3.1)
DEMAND RESET STUCK 4/20/78

INSTALLED BY RHG & RJ DATE 1-6-71 CHANGED BY J Zendes DATE 4-20-78
INSPECTED BY _____ DATE _____ CHANGED BY HW DATE 2-8-89
SUPERVISOR J. Buttle DATE JUL 27 1973 CHANGED BY HW DATE 2-24-98
CHANGED BY CAP & RHG DATE 1-29-71 CHANGED BY 417 DATE 7-16-88
CHANGED BY JEZ & DH DATE 6-8-73 CHANGED BY DW DATE 4-23-01

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Summary: Testimony --Direct Testimony of Matthew Zapp on Behalf of Ohio Edison Company
electronically filed by Mr. Joshua R. Eckert on behalf of Ohio Edison Company