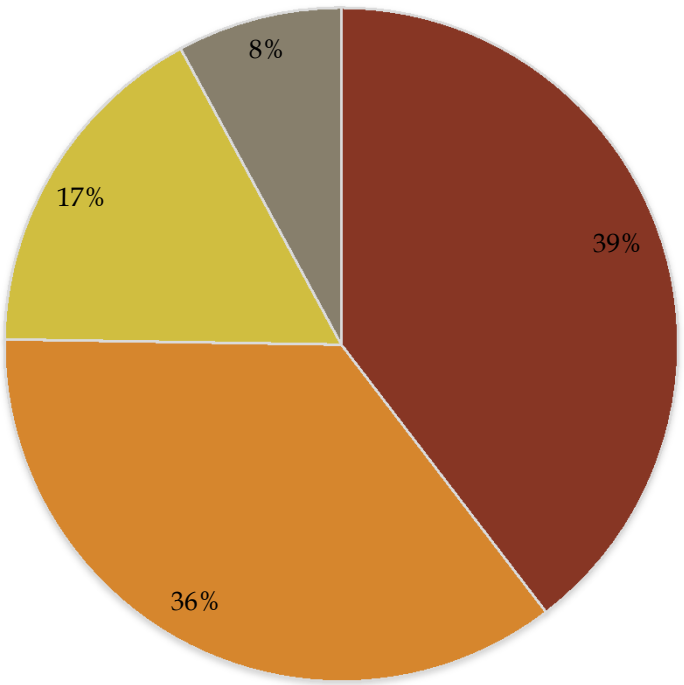
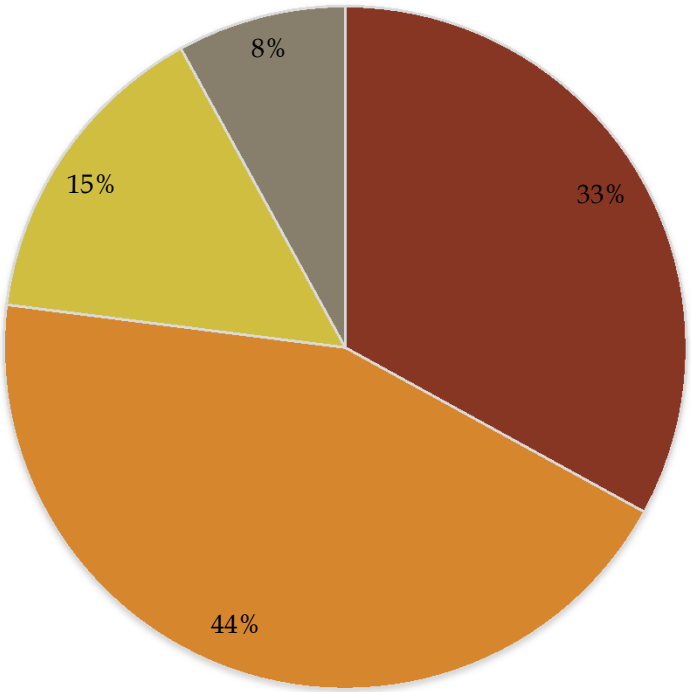
Piqua Power System

2014 Year in Review

Piqua's Changing Power Supply

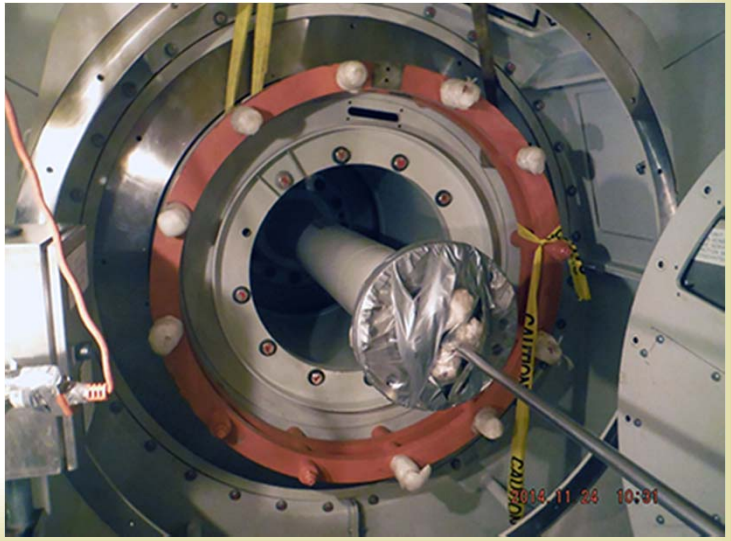


2013 - $58.68/MWH



2014 - $65.91/MWH

Cannelton Hydro Generating Project



Meldahl Hydro Generating Project

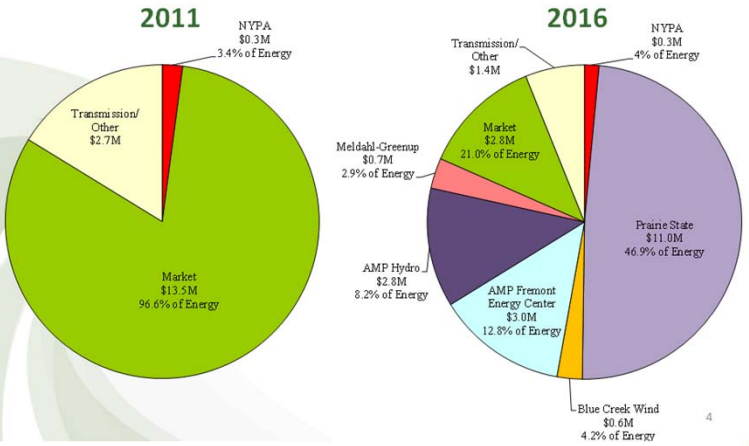
Willow Island Hydro Generating Project

Smithland Hydro Generating Project

Completed Cost-of-Service Study

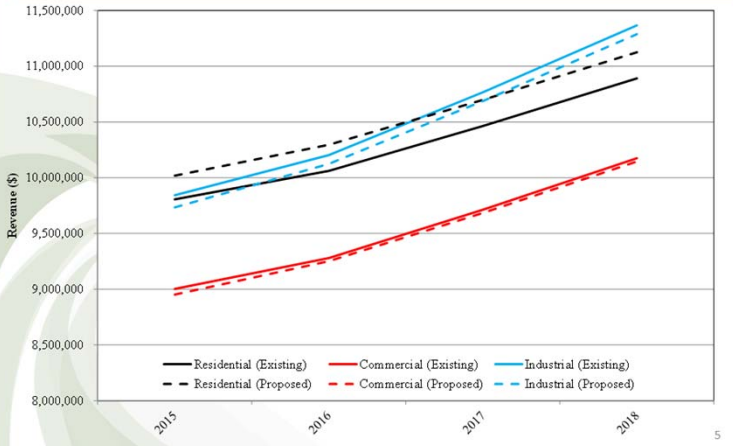
Electric Cost of Service and Rate Design Summary

Resource Cost and Energy Mix



4

Annual Rate Class Revenue Comparison Existing Versus Proposed



5

Typical Monthly Bill Comparisons ($)

Rate Class	Usage	Piqua Existing 2014	Piqua Proposed 2015	Piqua Inc./ (Dec.) (%)
Residential	750 kWh	86.03	87.77	2.0
Commercial (<500 kW)				
Customer 1	26 kW 4,000 kWh	594	573	(3.6)
Customer 2	88 kW 51,000 kWh	3,739	3,647	(2.5)
Customer 3	420 kW 112,000 kWh	11,472	11,630	1.4
Industrial (>500 kW)				
Customer 1	1,700 kW 765,000 kWh	59,435	58,260	(2.0)
Customer 2	1,840 kW 936,000 kWh	69,352	67,544	(2.6)
Customer 3	3,300 kW 900,000 kWh	87,357	88,155	0.9

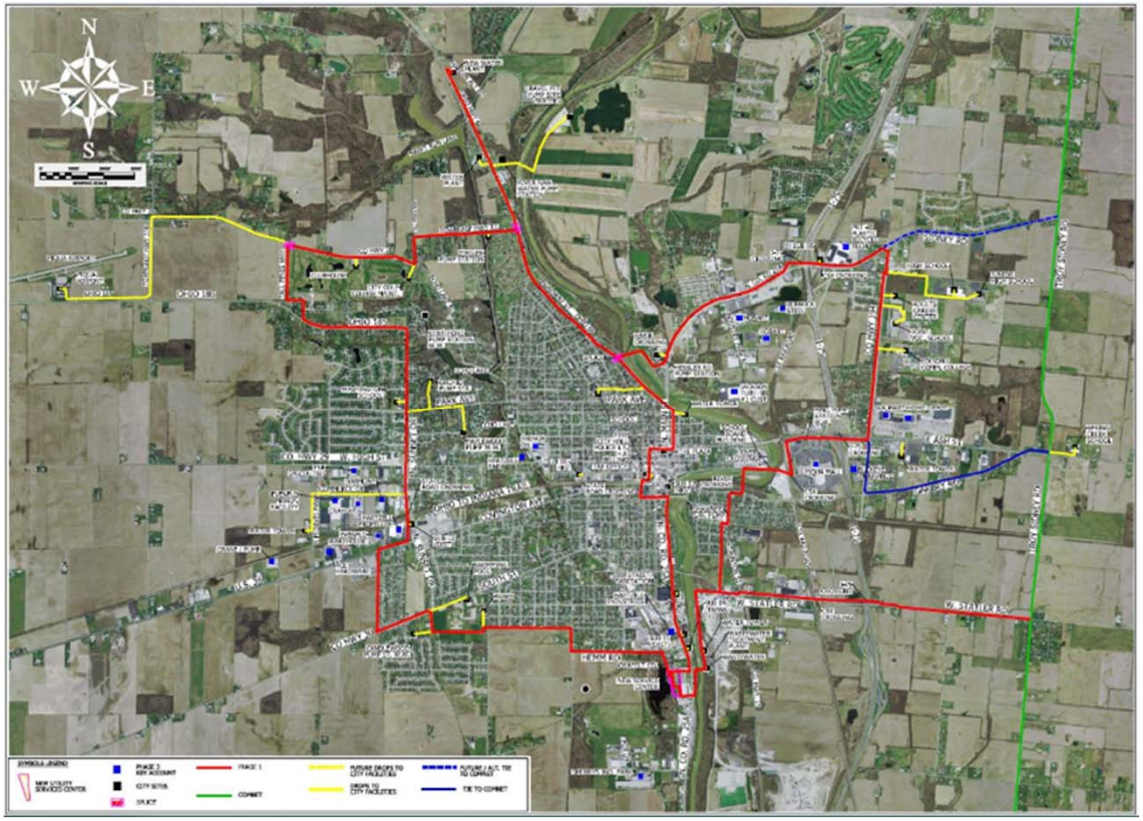
11

Urban Waterfront CORF Grant

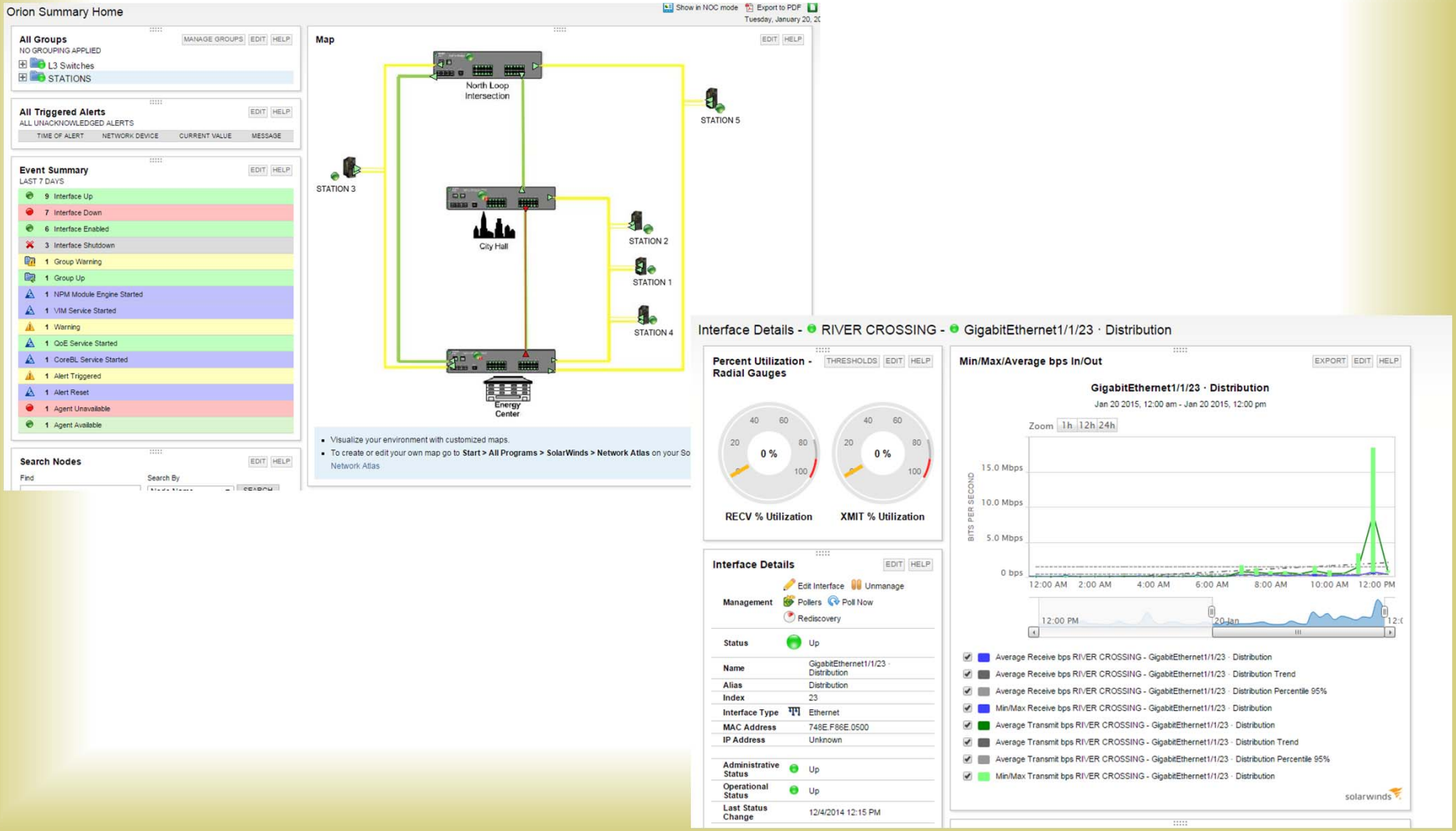
Sub #4 to #5 69kV Rebuild

Vaughn Industries replaced 18 transmission poles ranging from 75/H1 to 95/H3

Completed Fiber Optic Project



Fiber Optic Project, cont.



Transformer Yard Improvements

Eliminated DP&L Main St. Sub

Piqua Central Intermediate School

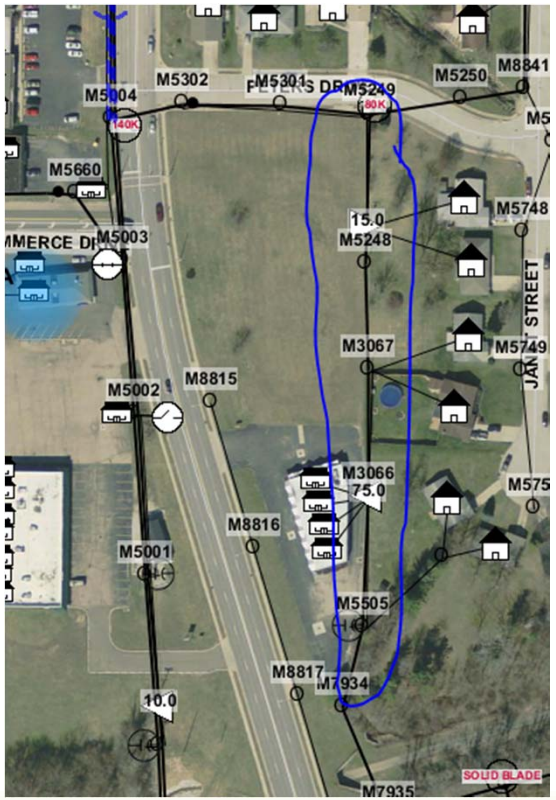
Piqua Materials Expansion

Piqua Materials
A JURGENSEN COMPANY

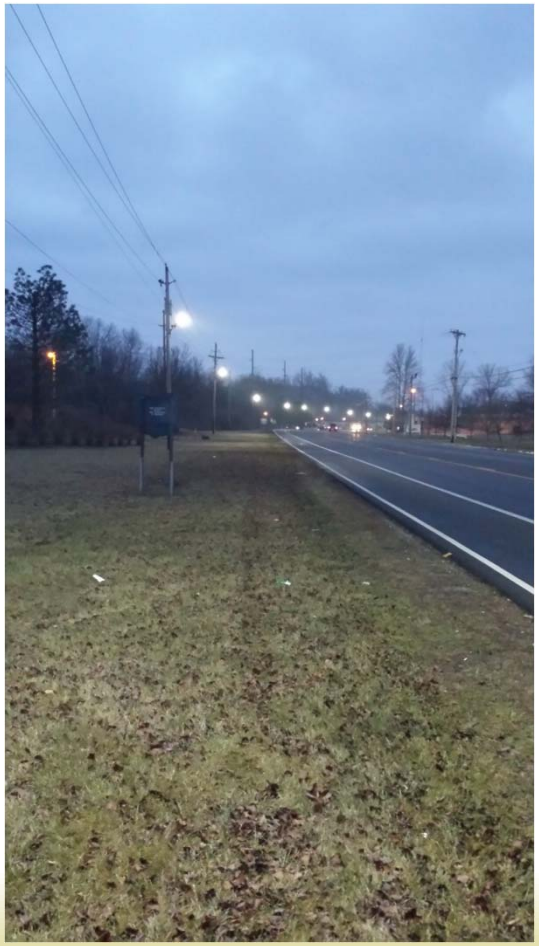
Berwick Steel Primary Metering

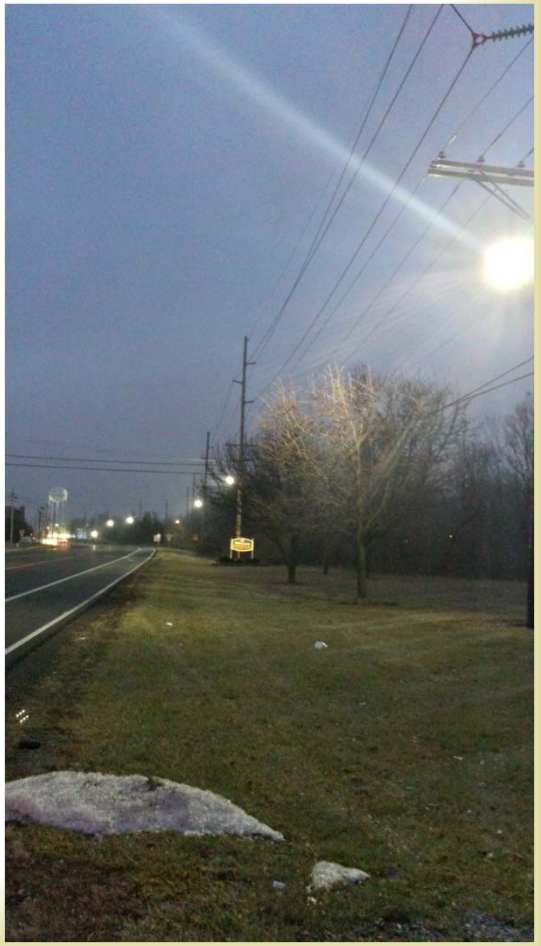
Speedway Service Upgrade

Sunset Dr. Distribution Line Rebuild



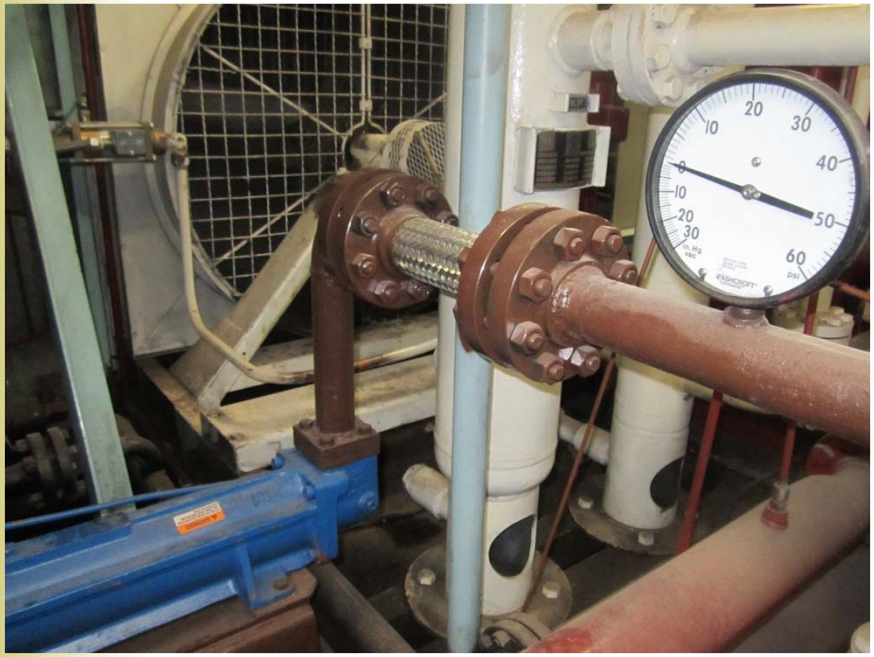
LED Street Light Conversions





Main St. Manhole Removal

#9 G.T. Fuel Pump Replacement



#9 G.T. Exhaust Repair

Power Plant Roof Repair

Before

After

Door Replacements

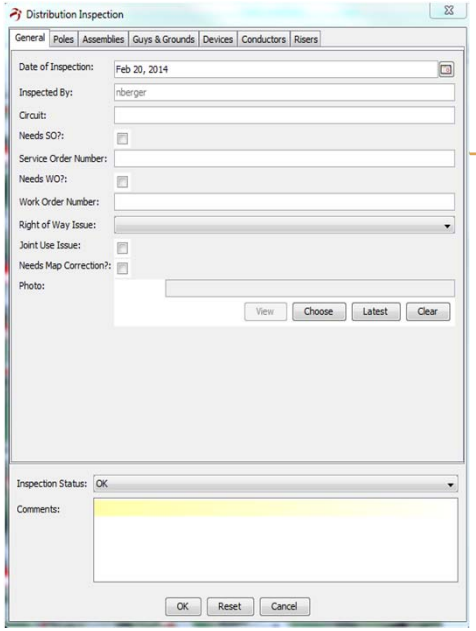
#9 Gas Turbine

Power Plant

Dam Gate Repair

#3 Substation Regulator Rebuild

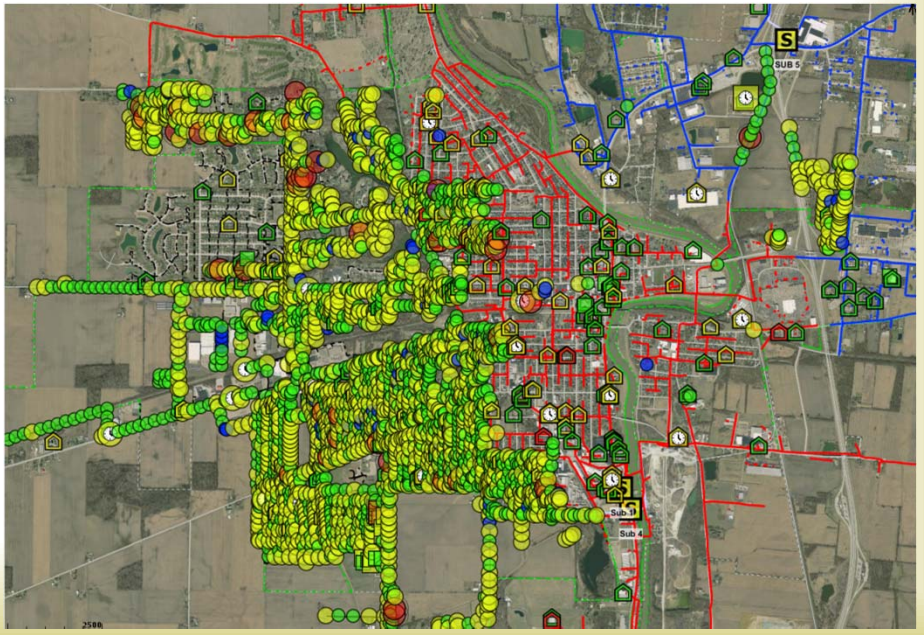
Distribution Inspection Program



I. 1,555 Poles Inspected

II. 31 Condemned Poles Identified

III. 40 Condemned Poles Replaced



Annual Electric Meter Testing Program

Summary of Last Test

Site ID: 9054 Cty RD 25A
Customer: Plastic Recycling Technologies
Test Date: Tuesday, July 29, 2014 1:09:10 PM (UTC+05:00)
Service: 3-Phase, 4-Wire, Wye (3V, 3C) TR
Account No:
Tech 1: MDB
Tech 2:
Sys ID: 7335-140083

Meter Information

Manufacturer: General Electric
Model: KV2
Catalog No: 747X900001
Serial No: 23571606
Accuracy Class: 0.2
Meter Form: 9S
Meter Number: E-4520
Kt: 1.8

Meter Test Data

Pulses Actual: 241
Pulses Expected: 241.3961
Measurement Time: 900.2166
Mode: Wh
Wh Meter: 433.800
Wh Actual: 431.707
%Reg 99.836

Basic Test Data

Phase	Voltage	V-Phase	Phase	Current	I-Phase	VI-Phase	PF	V-%THD	I-%THD
Va	113.065	0.000	Ia	5.09535	352.543	352.543	0.991	0.87	19.16
Vb	112.621	239.676	Ib	5.53006	231.468	351.792	0.989	1.23	16.65
Vc	111.773	119.786	Ic	4.88617	110.481	350.695	0.987	1.38	18.68
Vn	0.000	0.000	In	0.00000	0.000	0.000	0.000	0.00	0.00
VSys	112.486		ISys	5.17053			0.989	1.16	18.16

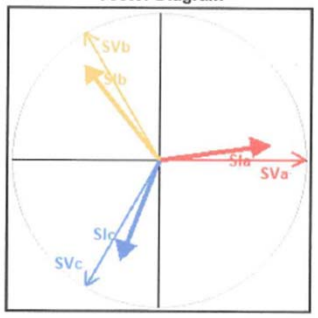
Power Data

Power Pair	Wh	VAh	VARh
Va-Ia	142.8321	144.0771	-18.6488
Vb-Ib	154.1124	155.7507	-22.2569
Vc-Ic	134.7629	136.5814	-22.0220
Sys	431.7074	436.4092	-62.9276

CT Ratio @ 0.0 Burden

	A	B	C
Measured	50.096	50.093	49.905
Error (%)	0.191	0.186	-0.191
Phase Error (Deg)	0.116	0.208	0.122
Phase Error (Min)	6' 55"	12' 27"	7' 19"
Pri. Amps	52.918	57.358	49.370
Sec. Amps	5.282	5.725	4.946

Vector Diagram



CT Test Report

Site ID: 9054 Cty RD 25A
Customer: Plastic Recycling Technologies
Test Date: Tuesday, July 29, 2014 1:11:38 PM (UTC+05:00)
Service: 3-Phase, 4-Wire, Wye (3V, 3C) TR
Account No:
Tech 1: MDB
Tech 2:
Sys ID: 7335-140083

Transformer Information

Phase	Manufacturer	Catalog No	Serial No	NPR:5	Bur. Class	Acc. Class
A	General Electric	755X52007		50	0.5	0.3
B	General Electric	755X52007		50	0.5	0.3
C	General Electric	755X52007		50	0.5	0.3

Ratio at Zero Burden

	A	B	C
Measured	50.096	50.093	49.905
Error (%)	0.191	0.186	-0.191
Phase Error (Deg)	0.116	0.208	0.122
Phase Error (Min)	6' 55"	12' 27"	7' 19"
Pri. Amps	52.918	57.358	49.370
Sec. Amps	5.282	5.725	4.946

Ratio Data

Phase	0.0	0.1	0.3	0.5	1.0	2.0	4.0
A	50.096	50.111	50.120	--	--	--	--
B	50.093	50.185	50.175	--	--	--	--
C	49.905	49.906	49.913	--	--	--	--

Ratio Error (%)

Phase	0.0	0.1	0.3	0.5	1.0	2.0	4.0
A	0.191	0.222	0.240	--	--	--	--
B	0.186	0.370	0.350	--	--	--	--
C	-0.191	-0.187	-0.174	--	--	--	--

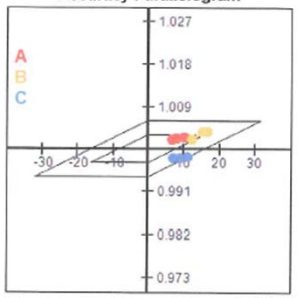
Relative Phase Data (Degrees)

Phase	0.0	0.1	0.3	0.5	1.0	2.0	4.0
A	0.116	0.139	0.172	--	--	--	--
B	0.208	0.257	0.281	--	--	--	--
C	0.122	0.154	0.190	--	--	--	--

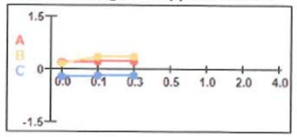
Change in Secondary Amps vs Applied Burden

Phase	0.0	0.1	0.3	0.5	1.0	2.0	4.0
A	0.000	0.047	0.007	--	--	--	--
B	0.000	-3.388	-2.674	--	--	--	--
C	0.000	-7.334	-1.830	--	--	--	--

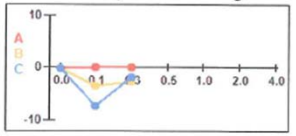
Accuracy Parallelogram



Ratio Change vs. Applied Burden

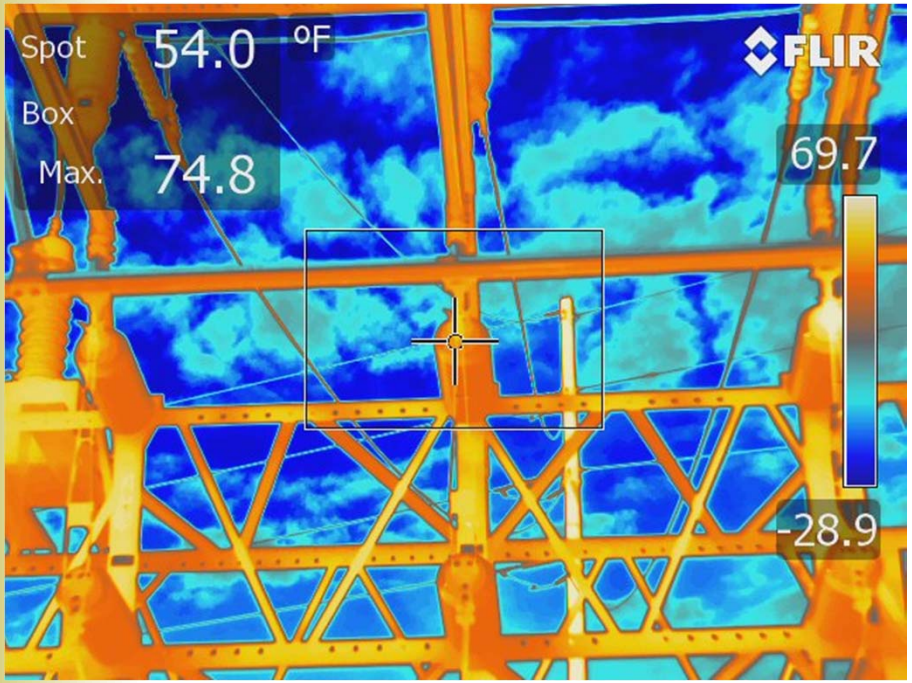


Secondary Current Change



173 Industrial and Commercial Meter Sites tested to confirm accuracy

Substation Inspections



Substation #3

Substation #2

Paint Padmount Transformers

Clearing 69kV Right of Way

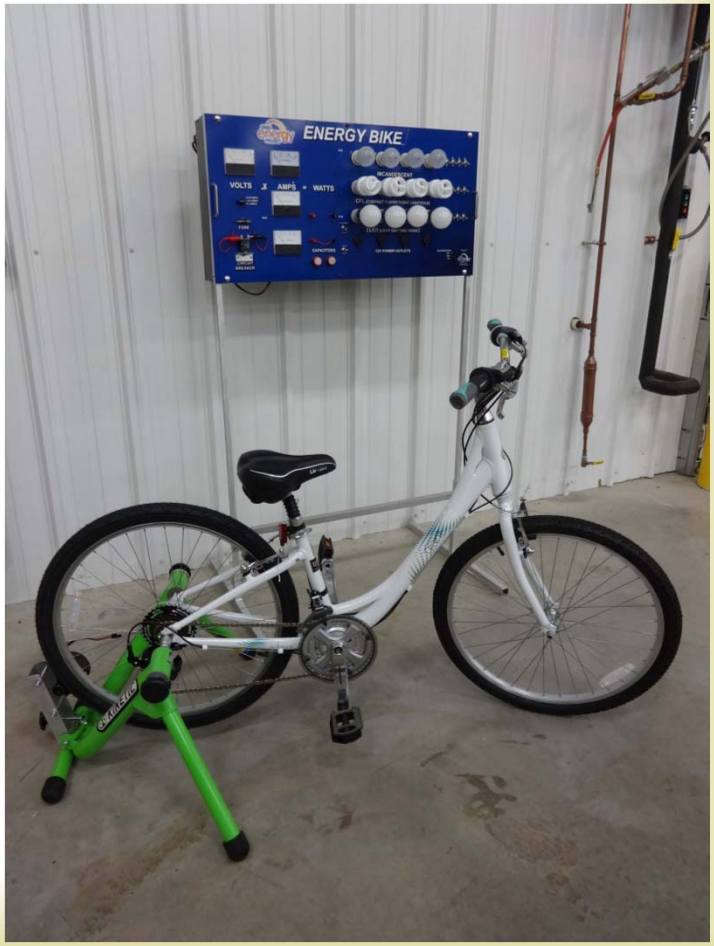
Behind Jackson Tube & Berwick Steel

Along St. Rt. 66 N/O Hardin Rd.

School Programs

ENERGY BIKE AND SAFETY DEMO LIST

Date	Location	Type of Program
2/24/2014	Washington School(@ High St)-5th grade	Safety Demo
3/14/2014	Bennett Intermediate School - 4th grade	Energy Bike/Safety Demo
3/20/2014	Wilder Intermediate School - 4th grade	Energy Bike
3/21/2014	Wilder Intermediate School - 4th grade	Safety Demo
4/17/2014	Washington School(@ High St)-4th grade	Safety Demo
5/13/2014	OEP Columbus	Safety Demo
8/5/2014	Miami County-National Night Out for Safety	Safety Demo
9/4/2014	Government Academy	Energy Bike/Safety Demo
10/20/2014	Covington 4-H Club	Safety Demo
11/12/2014	Wilder Intermediate School - 4th grade	Safety Demo
11/20/2014	Upper Valley Career Center-Adult Lineman Training	Safety Demo
11/25/2014	Washington School(@ High St)-4th grade	Safety Demo
12/19/2014	Bennett Intermediate School - 4th grade	Energy Bike/Safety Demo



Mutual Aid

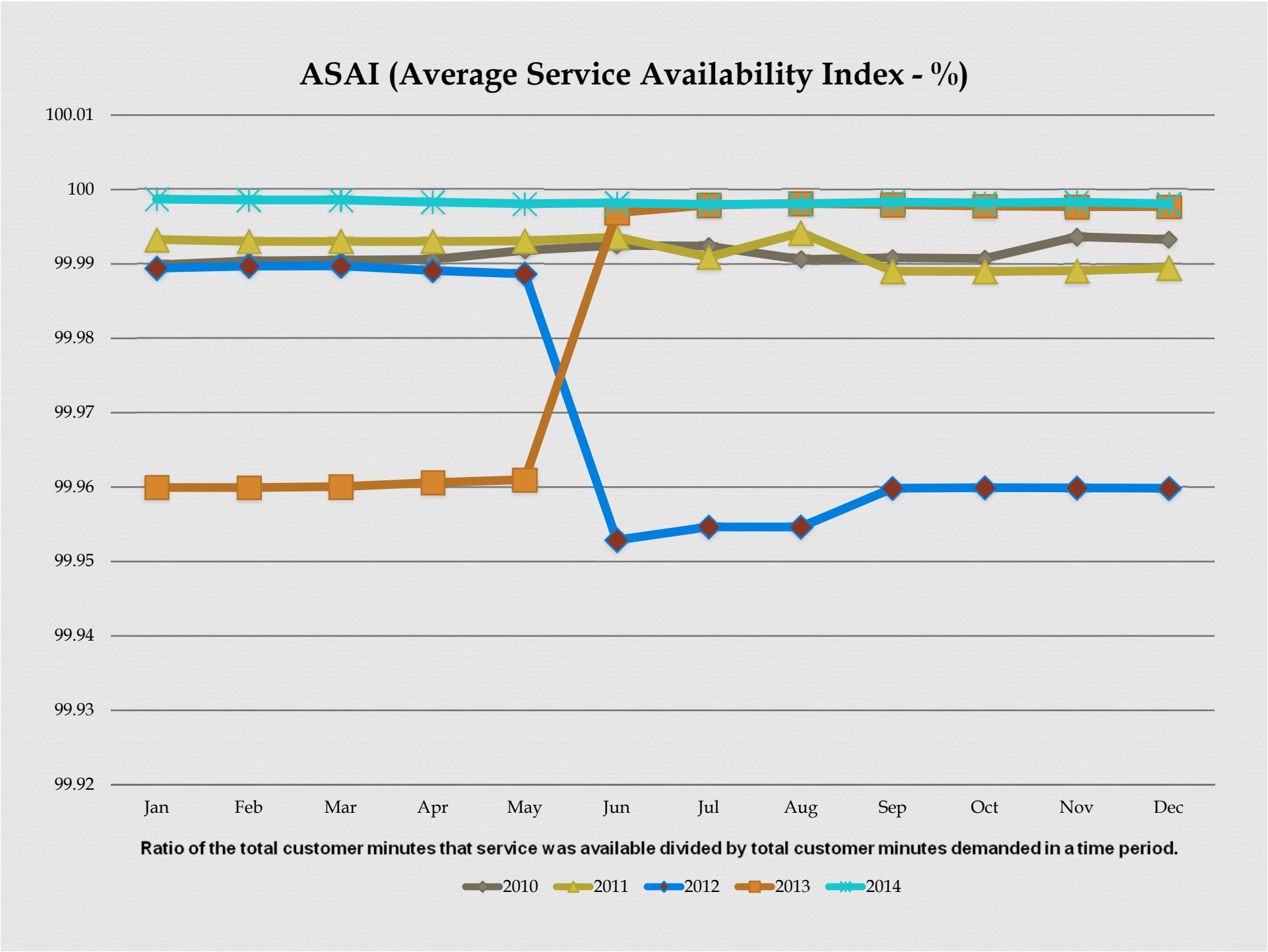
- June 19-24, 2014 – DP&L, Lightning Storms
- May 22, 2014 – Tipp City, Extreme Flooding
- September 30, 2014 – Pioneer REC, Assist Underground Cable Pulling

Piqua Power System

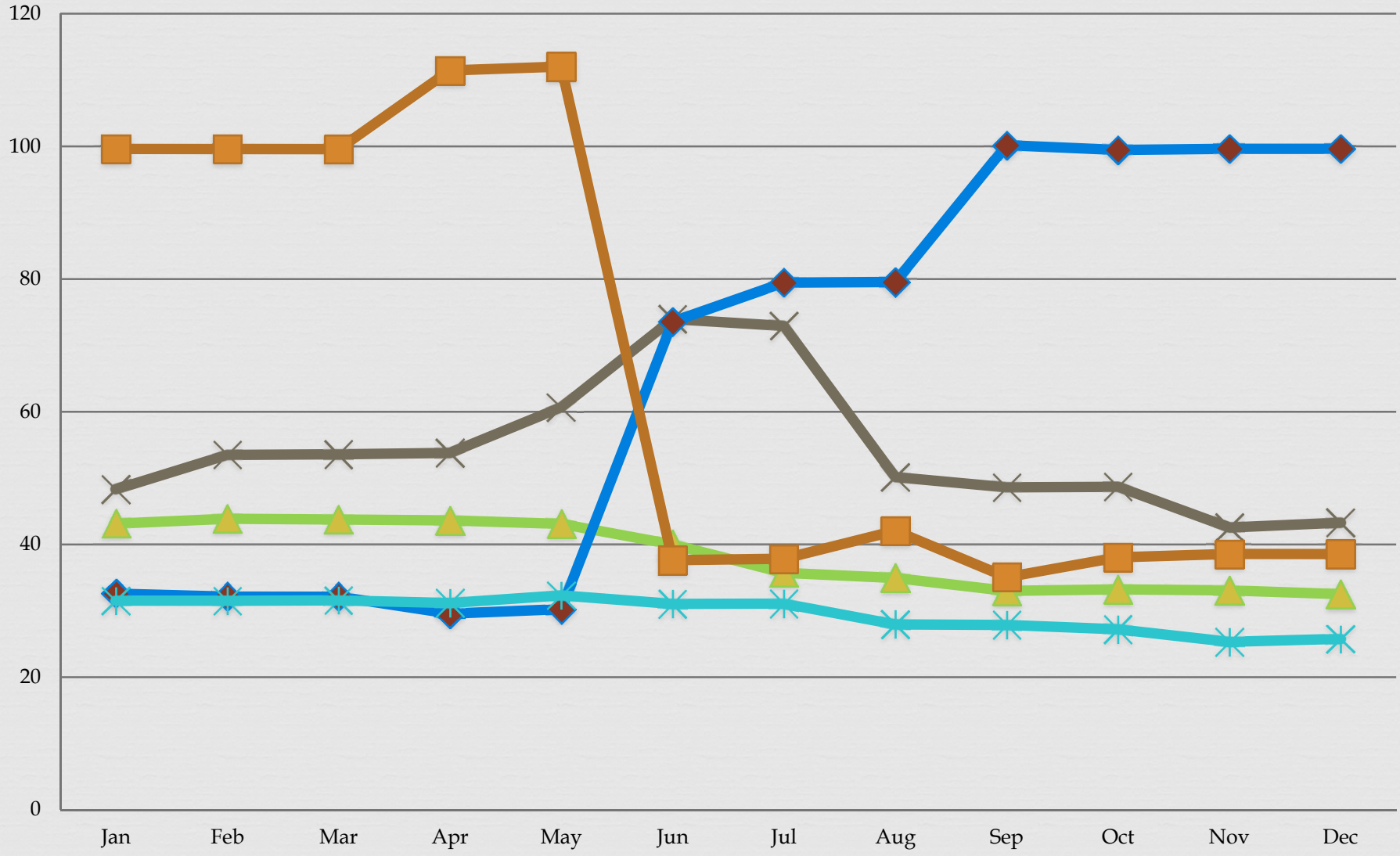
Joel Hart – SCADA Admin.

Bret Reid – Part-time SCADA Admin.

New Vehicle Purchase

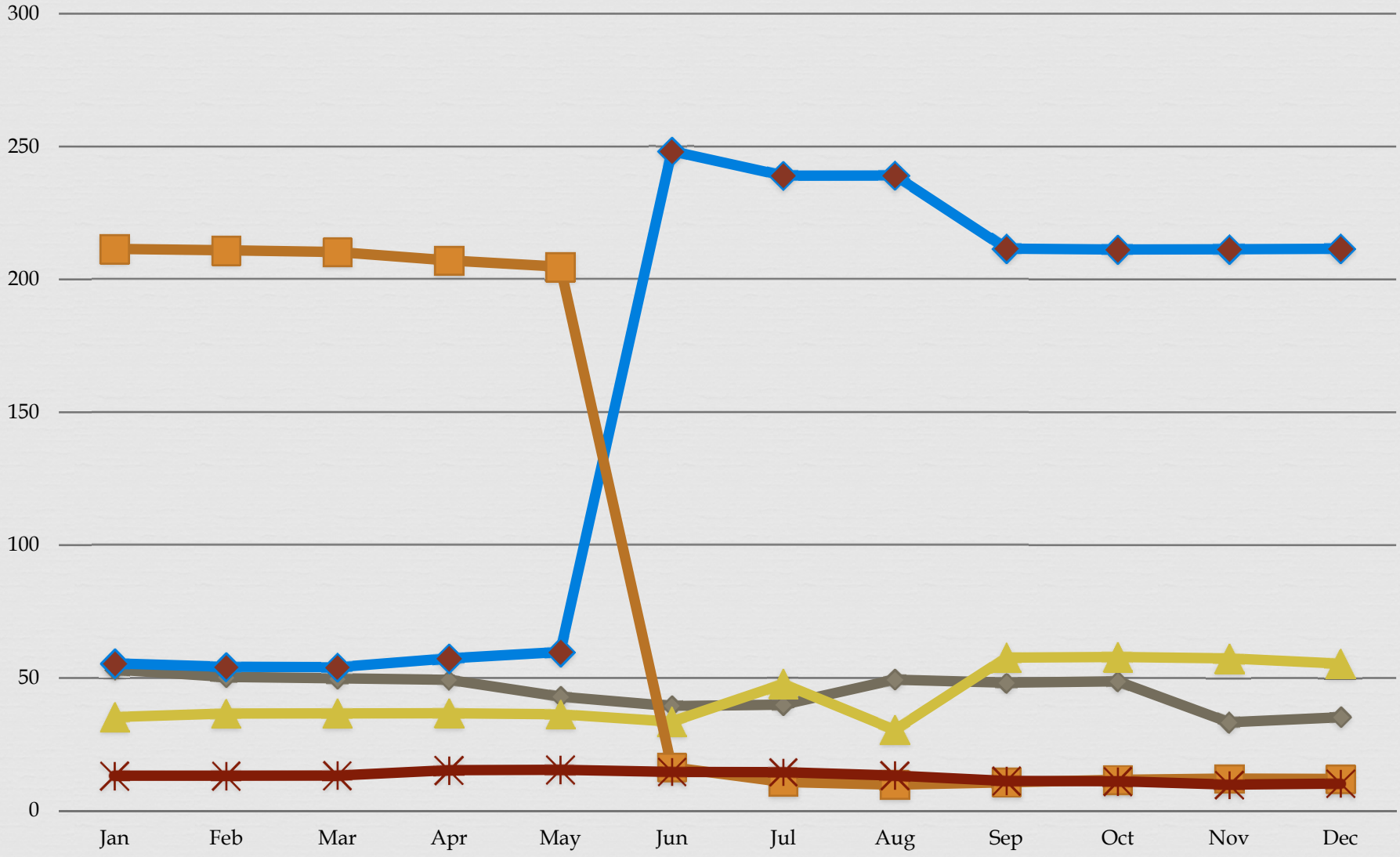

ASAI (Average Service Availability Index - %)
100.01
100
99.99
99.98
99.97
99.96
99.95
99.94
99.93
99.92
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Ratio of the total customer minutes that service was available divided by total customer minutes demanded in a time period.
2010
2011
2012
2013
2014

CAIDI (Customer Avg Interruption Duration Index - Minutes)



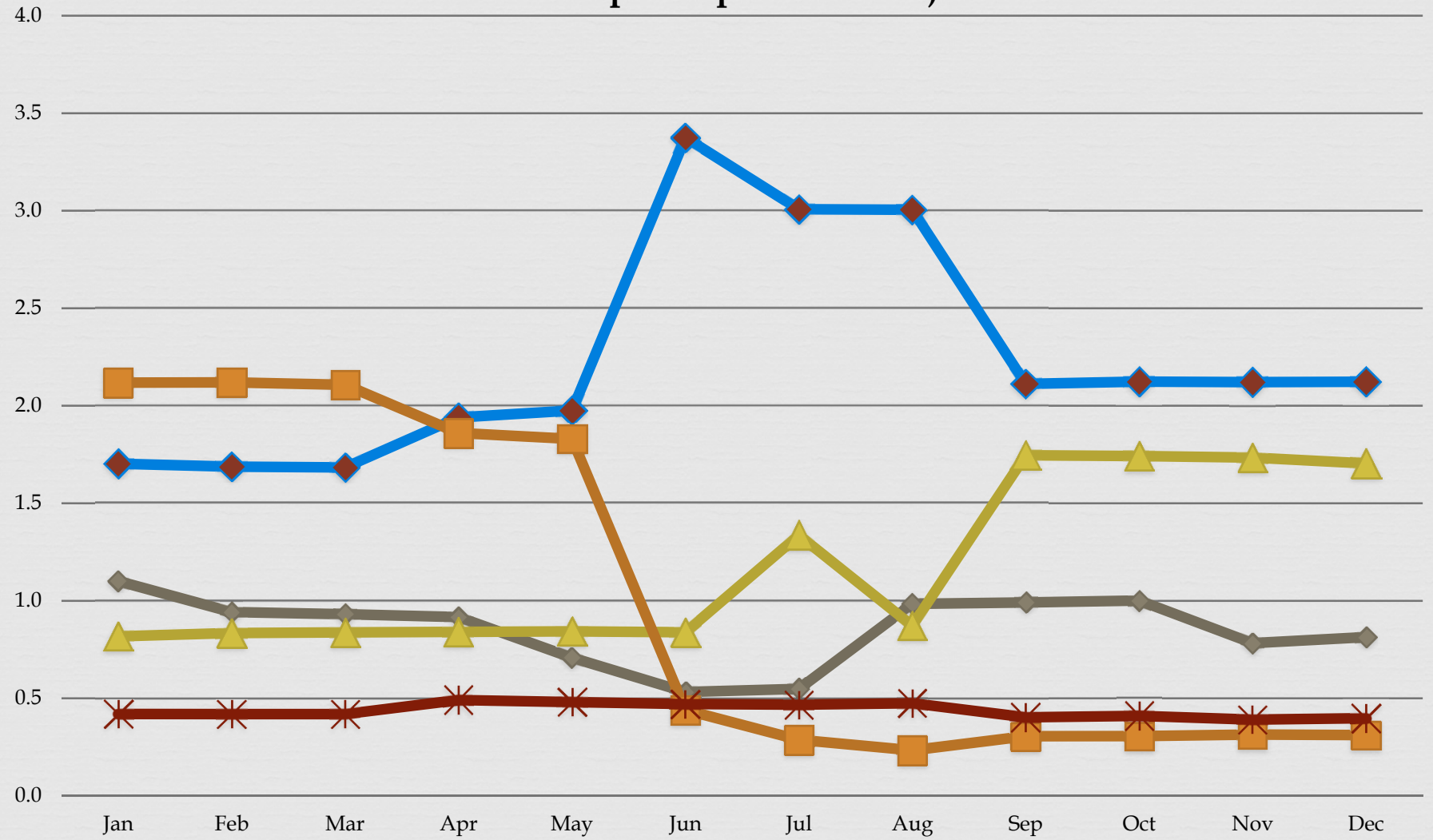
The average duration of a customer outage, is calculated by dividing the sum of the customer minutes off by the number of customers who experienced long interruptions.

SAIDI (System Average Interruption Duration Index - Minutes)



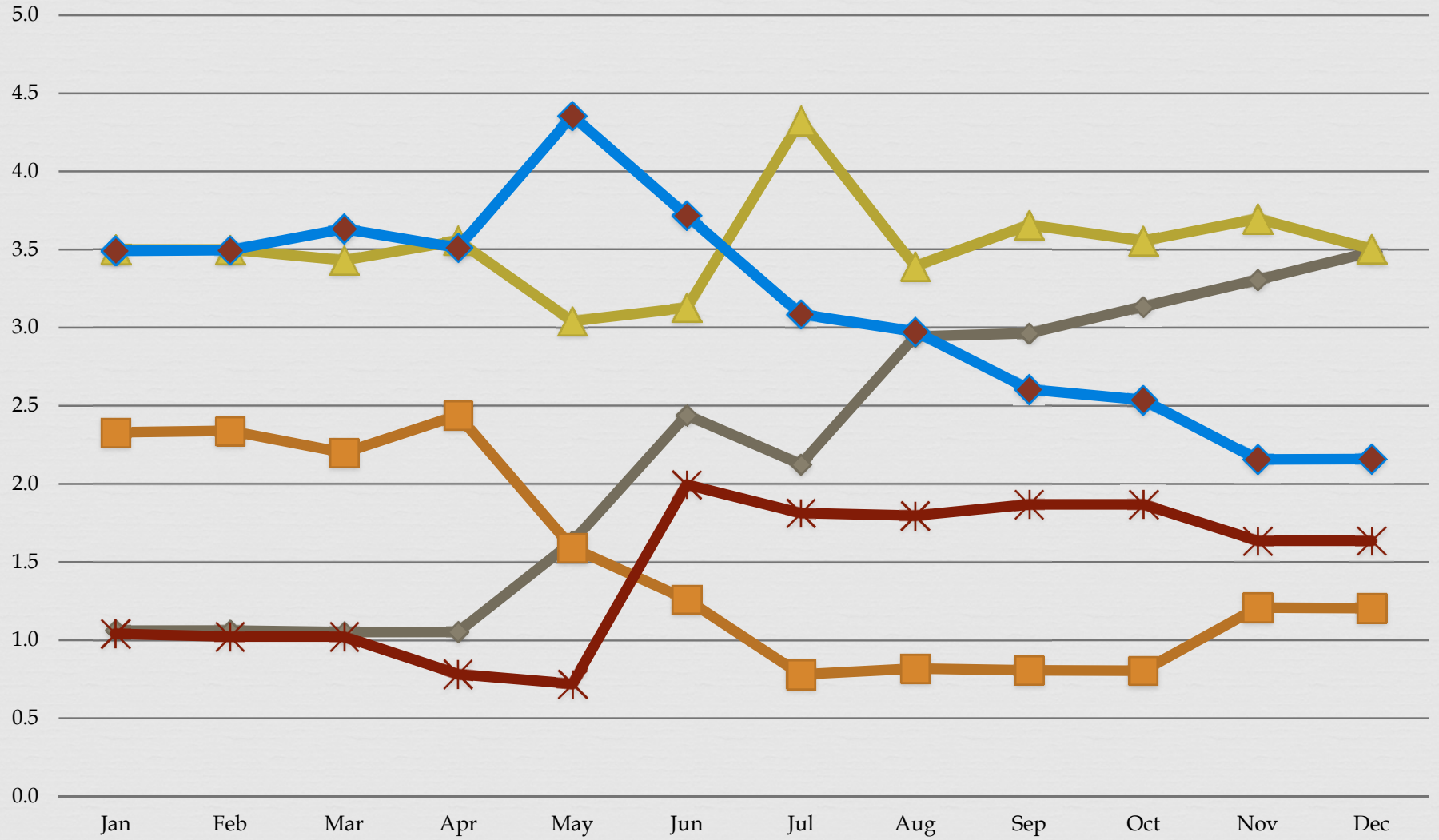
The average interruption duration for all customers served, and is calculated by dividing the sum of the customer minutes off by the average no. of customers served.

SAIFI Long (System Average Interruption Frequency Index - Long Interruptions per Customer)



The number of times a customer is interrupted (>1 minute), averaged over all customers. Divide total customer interruptions by an average of total customers served.

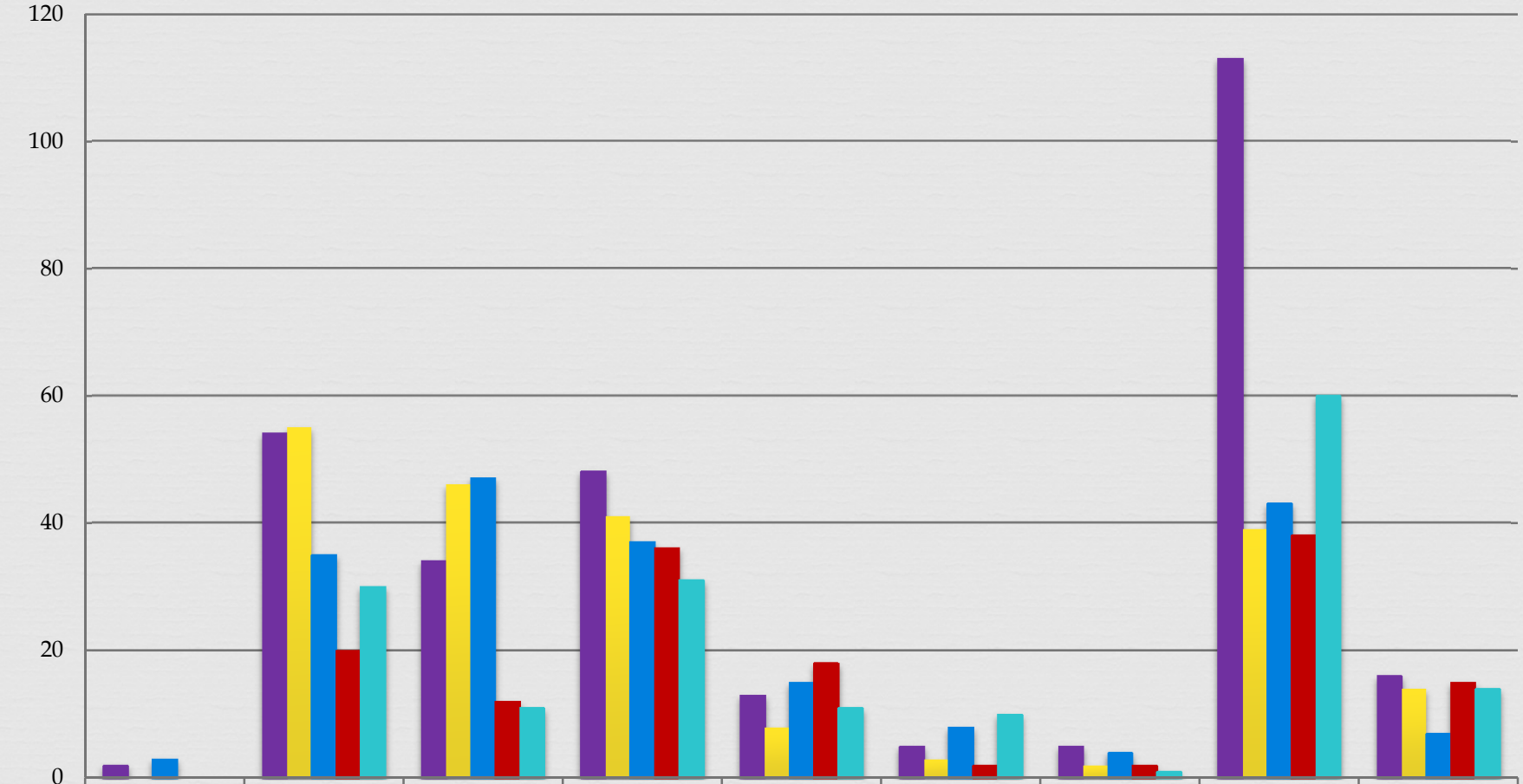
SAIFI Short (System Average Interruption Frequency Index - Short Interruptions per Customer)



The number of times a customer is interrupted (<1 minute), averaged over all customers. Divide total short customer interruptions by the average number of all customers served.

2010 2011 2012 2013 2014

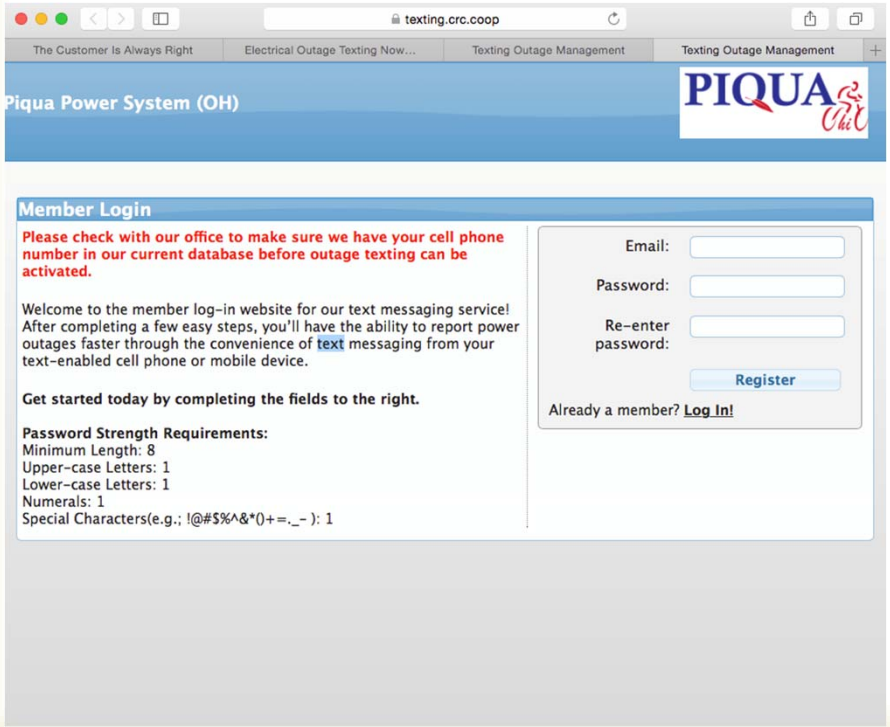
Outage By Cause



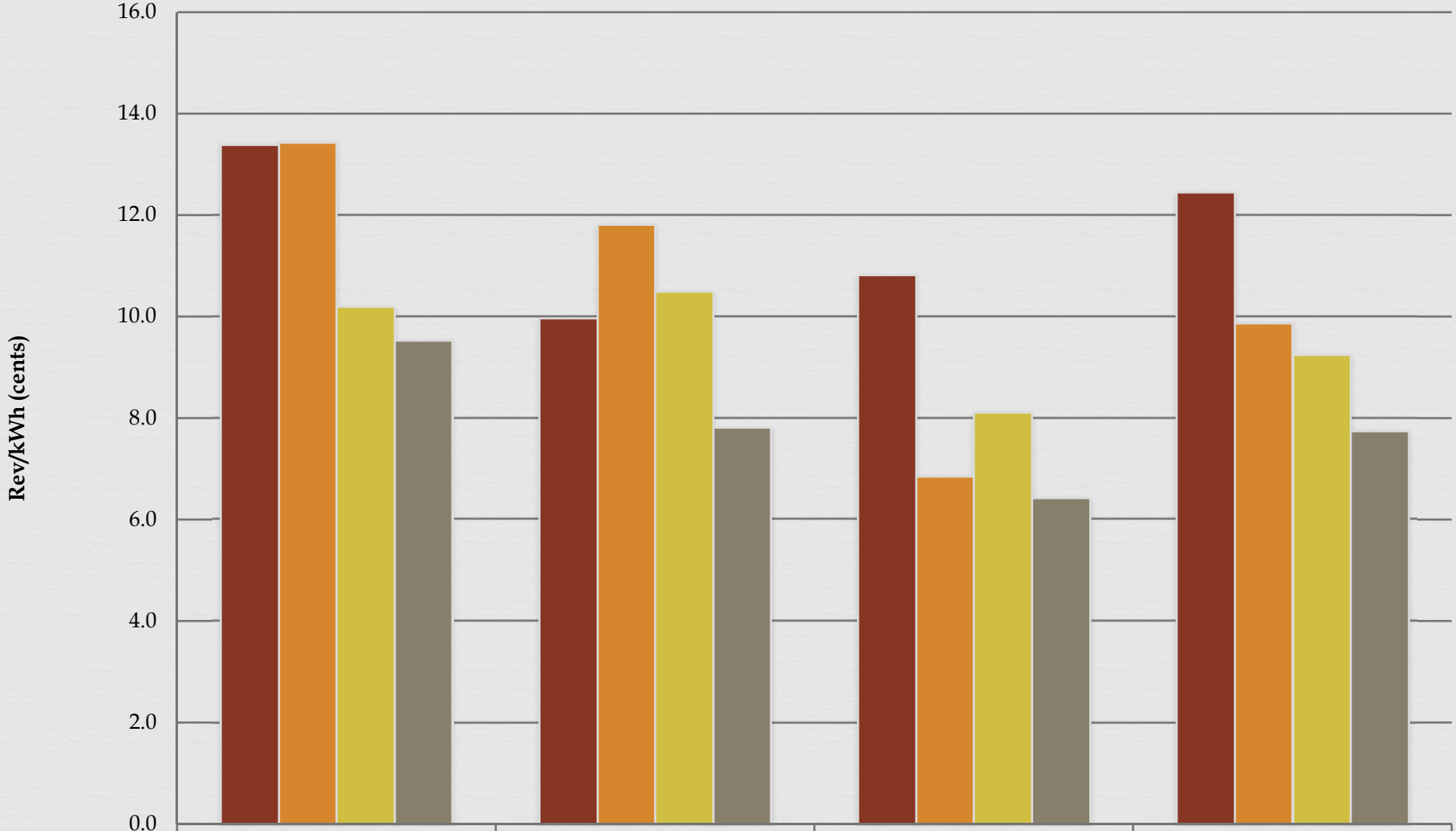
	Supply to City	OH/URD Equipment Failure	Weather	Animals	Trees	Foreign Interference	Human	Scheduled	Unknown
2010	2	54	34	48	13	5	5	113	16
2011	0	55	46	41	8	3	2	39	14
2012	3	35	47	37	15	8	4	43	7
2013	0	20	12	36	18	2	2	38	15
2014	0	30	11	31	11	10	1	60	14

CRC Outage Texting Service

- Be sure to sign up for outage texting service!

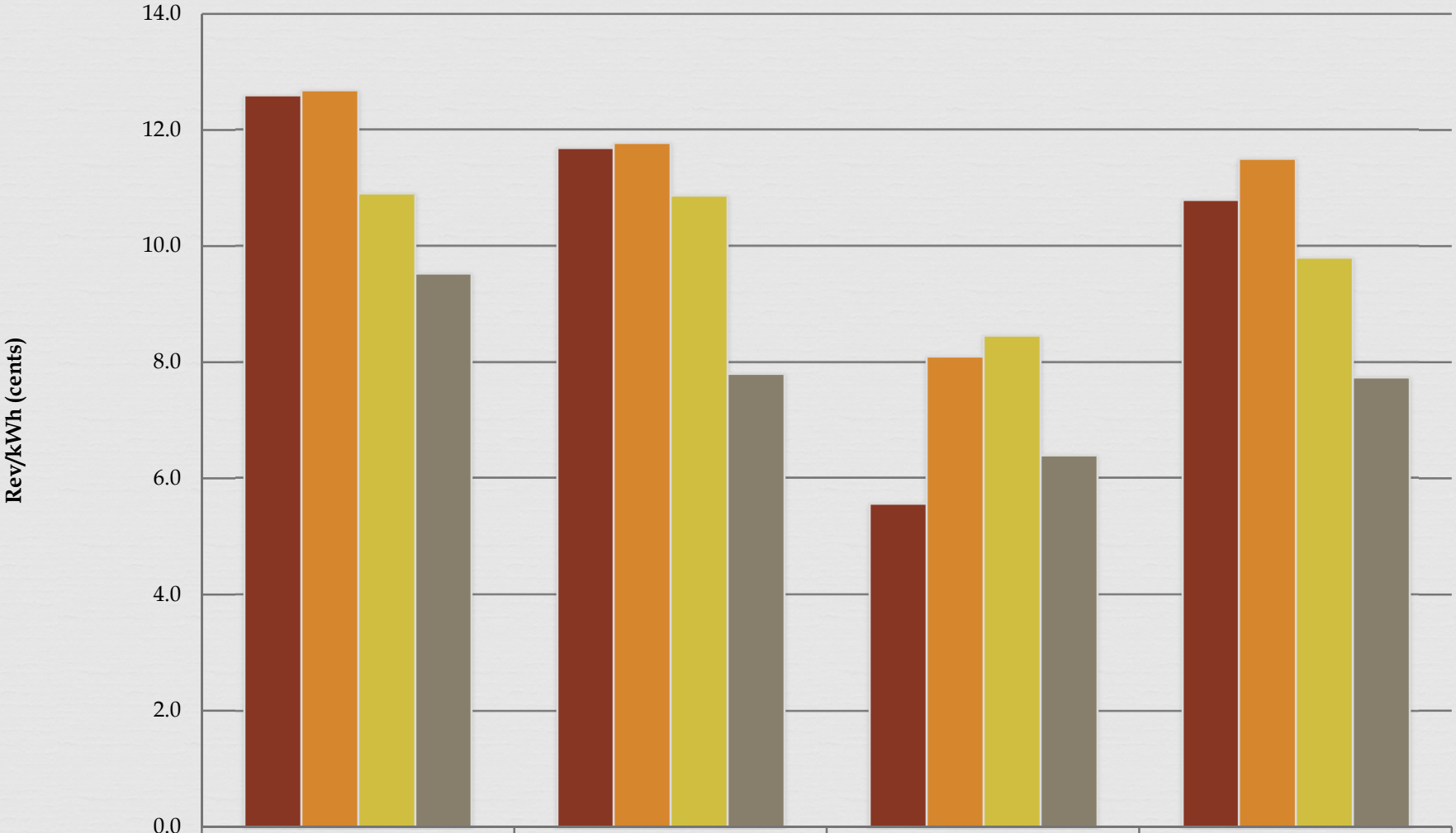


Local Utilities - Avg Revenue per kWh - 2013



	Residential	Commercial	Industrial	Total
DP&L	13.4	10.0	10.8	12.4
Pioneer Coop	13.4	11.8	6.9	9.9
Tipp City	10.2	10.5	8.1	9.2
City of Piqua	9.5	7.8	6.4	7.7

Ohio Avg Revenue per kWh - 2013



	Residential	Commercial	Industrial	Total
Investor-Owned	12.6	11.7	5.6	10.8
Cooperative	12.7	11.8	8.1	11.5
Publicly Owned	10.9	10.9	8.5	9.8
City of Piqua	9.5	7.8	6.4	7.7

AMP Credit Score – 97%

AMERICAN MUNICIPAL POWER, INC.

RESOLUTION 12-02-3256

CREDIT SCORING FOR MEMBERS-REVISION TO RESOLUTION 09-03-2741

WHEREAS, American Municipal Power, Inc. (AMP) membership must be creditworthy and financially sound; and

WHEREAS, AMP staff has developed certain financial criteria to measure creditworthiness and financial soundness for members; and

WHEREAS, A revision is deemed necessary to Resolution 09-03-2741, Credit Scoring for Members; and

WHEREAS, the Revised AMP Member Credit Scoring Program for members is set forth in Appendix A attached hereto; and

WHEREAS, AMP staff recommends that the Board of Trustees adopt the policy as set forth in Appendix A effective for audits received after January 1, 2012 for the 2010 fiscal year, and all other audit years going forward, during calendar year 2012 and beyond

NOW, THEREFORE, BE IT HEREBY RESOLVED, that the Board of Trustees adopts the policy as set forth in Appendix A effective for audits received for the 2010 fiscal year, and all other audit years going forward, during calendar year 2012 and beyond.

DATE: May 15, 2012

CHAIRMAN

APPROVED AS TO FORM:

GENERAL COUNSEL AND ASSISTANT SECRETARY

PRESIDENT

AMP Lineworker Rodeo

JOURNEYMAN

Hurtman Rescue
1st Dan Cline, Piqua
2nd David Overman, Jackson Center
3rd Ryan McCarroll, Tipp City

Single-Phase Pole Transfer
1st Dan Cline, Piqua
2nd David Overman, Jackson Center
3rd Ryan McCarroll, Tipp City

Two-Phase Horizontal Cutout Change Out
1st Dan Cline, Piqua
2nd Ryan McCarroll, Tipp City
3rd David Overman, Jackson Center

12kV Arrestor Change Out
1st Dan Cline, Piqua
2nd Ryan McCarroll, Tipp City
3rd David Overman, Jackson Center

Alley Arm Insulator Change Out
1st Dan Cline, Piqua
2nd Ryan McCarroll, Tipp City
3rd David Overman, Jackson Center

Overall
1st Dan Cline, Piqua
2nd Ryan McCarroll, Tipp City
3rd David Overman, Jackson Center

Overall – Journeyman: *Ryan McCarroll (left), Tipp City, second; and Dan Cline, Piqua, first. Not pictured is David Overman, Jackson Center, third.*

Reliable Public Power Provider

- 2015 Submitted Application
- 2013 Diamond 100%
- 2011 Platinum 99%
- 2009 Diamond 100%
- 2006 Platinum 98%

Questions?