

**CITY OF UKIAH
CITY COUNCIL AGENDA
Special Meeting
Ukiah Valley Conference Center
200 South School Street
Ukiah, CA 95482**

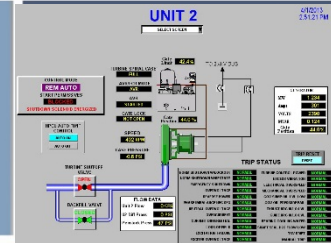
**January 28, 2016
4:30 p.m.**

- 1. ROLL CALL**
- 2. CLOSED SESSION**
 - a. Conference with Legal Counsel – Existing Litigation**
(Government Code Section 54956.9(d)(1))
Name of case: *Ukiah v. Questex*, Mendocino County Superior Court Case No. SCUК-CVPI-15-66036
- 3. STRATEGIC PLANNING WORKSHOP (5:30 p.m.)**
 - a. Overview and Discussion of the City of Ukiah's Electric System and Review of System Infrastructure, Staffing, and Resources.
- 4. PUBLIC COMMENT**
- 5. ADJOURNMENT**

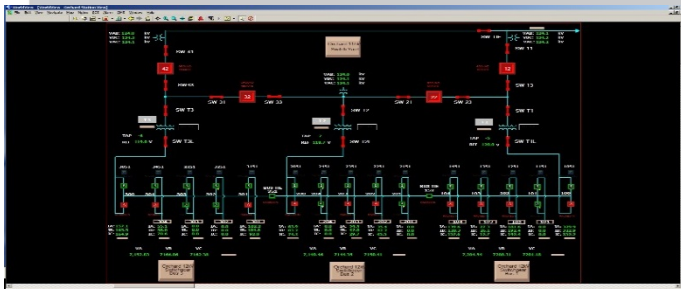
Please be advised that the City needs to be notified 24 hours in advance of a meeting if any specific accommodations or interpreter services are needed in order for you to attend. The City complies with ADA requirements and will attempt to reasonably accommodate individuals with disabilities upon request. Materials related to an item on this Agenda submitted to the City Council after distribution of the agenda packet are available for public inspection at the front counter at the Ukiah Civic Center, 300 Seminary Avenue, Ukiah, CA 95482, during normal business hours, Monday through Friday, 8:00 am to 5:00 pm.

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted on the bulletin board at the main entrance of the City of Ukiah City Hall, located at 300 Seminary Avenue, Ukiah, California, not less than 24 hours prior to the meeting set forth on this agenda.

Dated this 26th day of January, 2016.
Kristine Lawler, City Clerk



Ukiah Electric Utility





1892

20 Street Lights
Installed

1898-1901

Ukiah Delivered
Electric Energy

1984

Hydro Electric
Power Plant -
Commercial

2009-10

Carbon &
Renewable
Energy Credit
Markets

2016

Lowest Rates
and **57%**
**Renewable-
Carbon Free**

City of Ukiah
**Live
Better
Electrically**

Power Tools
Appliances
Heating
Cooking



Electric
System



Fast Facts

Customers:

Residential:	6,000
Commercial:	<u>2,100</u>
Total:	8,100

Poles: 2014

Transformers: 1128*

* Plus one for the Tesla Chargers

12,000 Volt Conductor:

79.1 miles or 417,648 feet

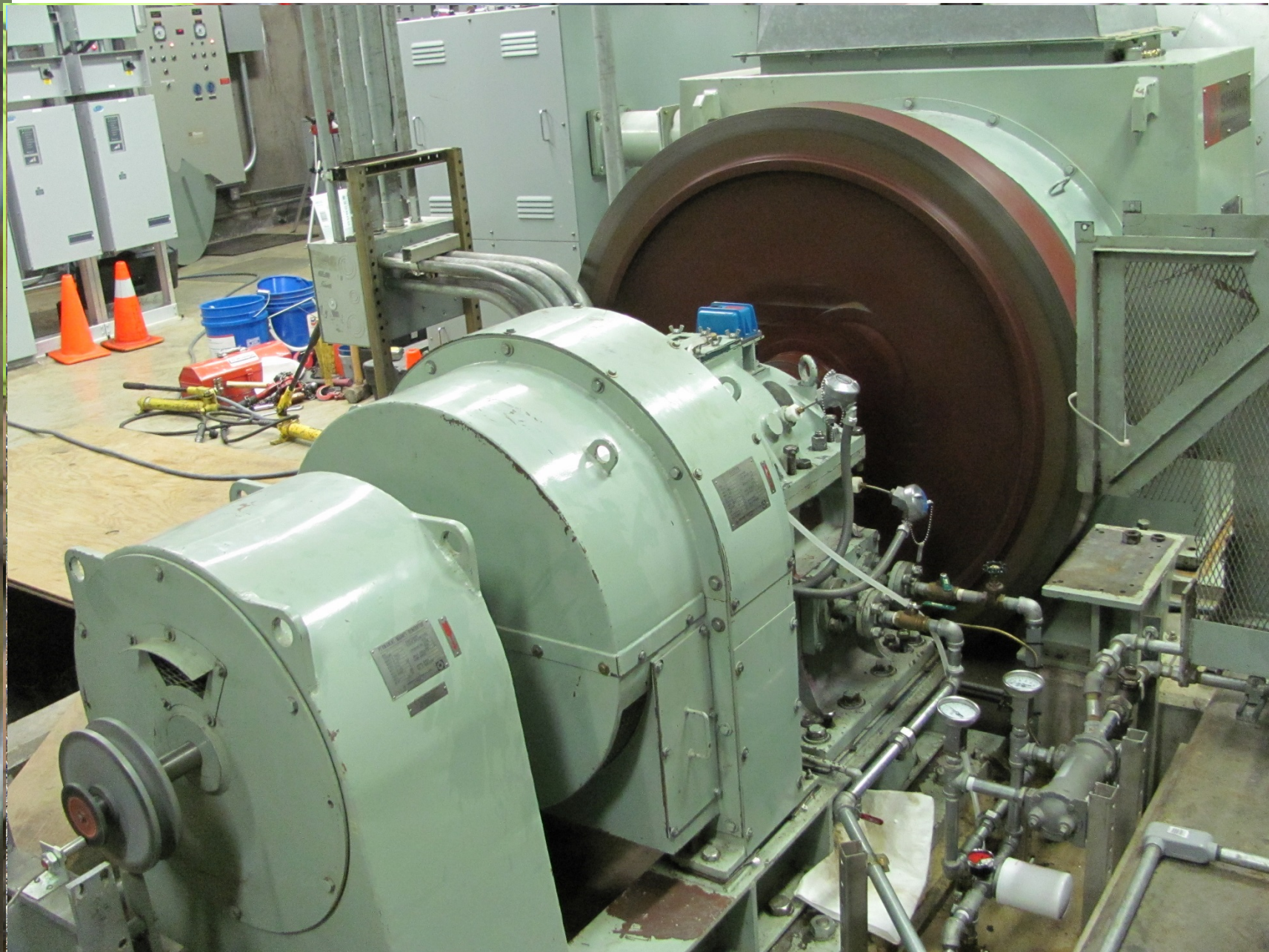
Connections:

>200,000 or

About 4 miles of Cheese Balls



Hydro
Electric
Plant





2015 Power Content Label

The following information is being provided in accordance with California State Law.

As a City of Ukiah Electric Utility customer, 57% of your electric energy is from carbon-free green renewable resources. The table below details your electric energy resource mix for 2014.

ENERGY RESOURCES	Ukiah 2014 Fuel Mix (Actual)	California Power Mix**
Renewables	49.0%	20.0%
--Biomass	0.0%	3.0%
--Geothermal	46.0%	4.0%
--Small Hydro	3.0%	1.0%
--Solar	0.0%	4.0%
--Wind	0.0%	8.0%
Coal	0.0%	6.0%
Large Hydro	8.0%	6.0%
Natural Gas	19.0%	45.0%
Nuclear	0.0%	9.0%
Other	0.0%	0.0%
Unspecified Sources of Power	24.0%	14.0%
Total	100%	100%

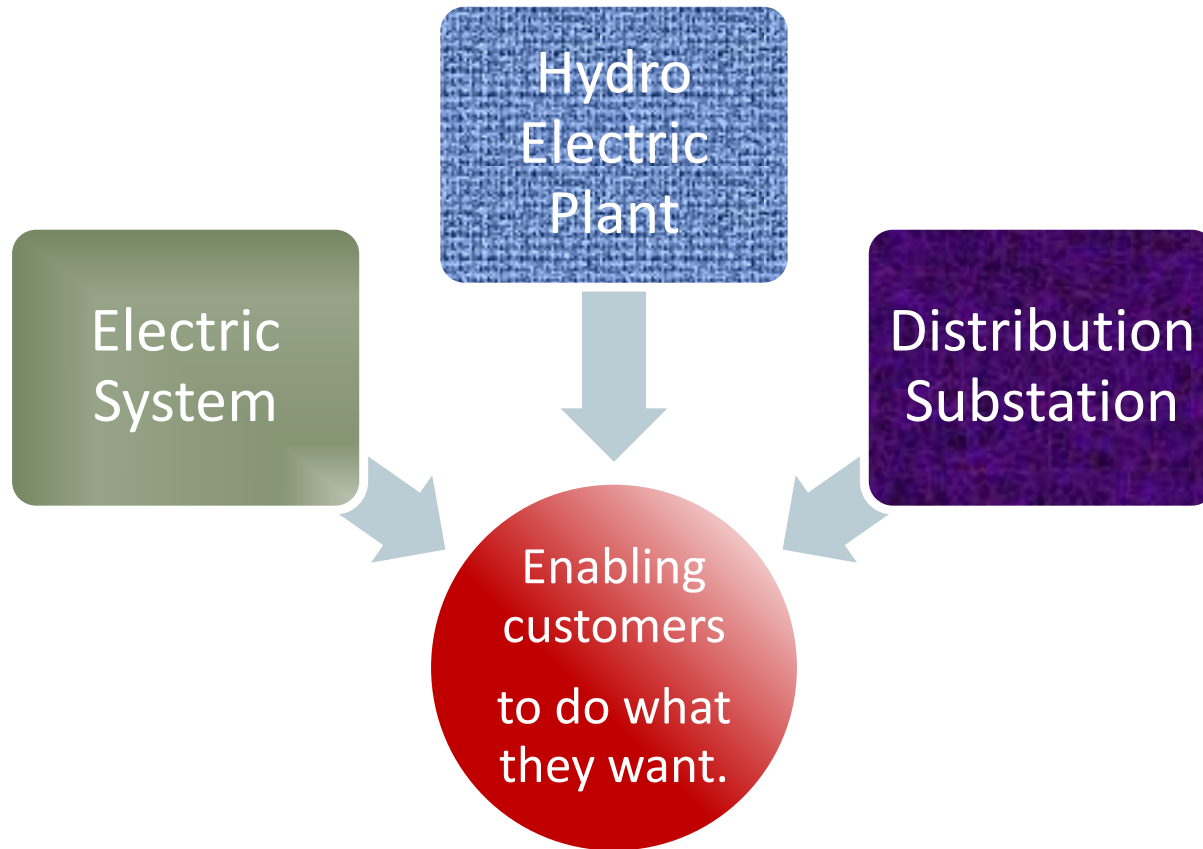
* "Unspecified sources of power" means electricity from transactions that are not traceable to specific generation sources.

** Percentages are estimated annually by the California Energy Commission based on the electricity sold to California consumers during the previous year.

For specific information about this electricity product, contact **the City of Ukiah, Electric Utility Department @ (707) 467-5711**. For general information about the Power Content Label, contact the California Energy Commission at 1-800-555-7794 or www.energy.ca.gov/consumer.

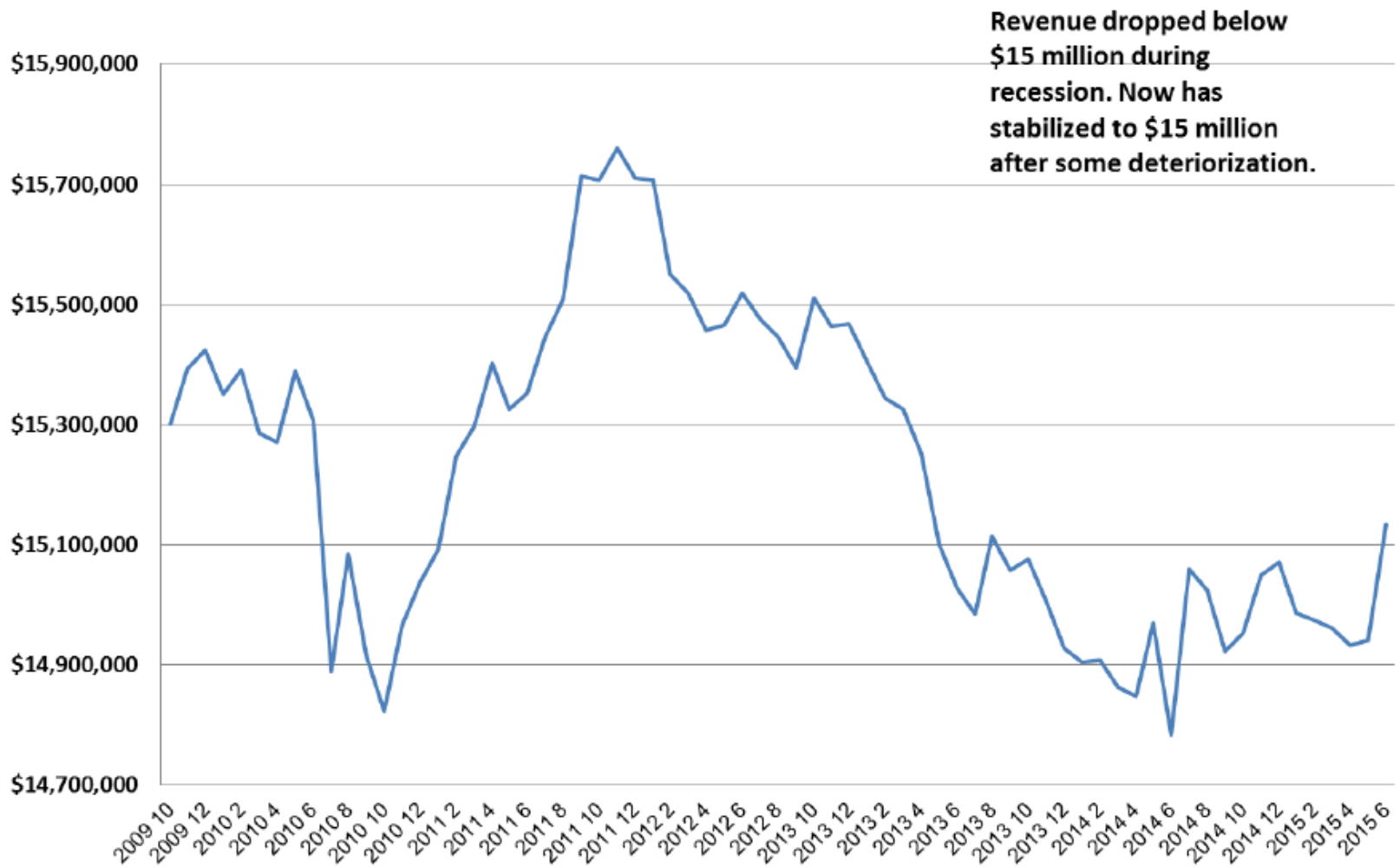
Substation



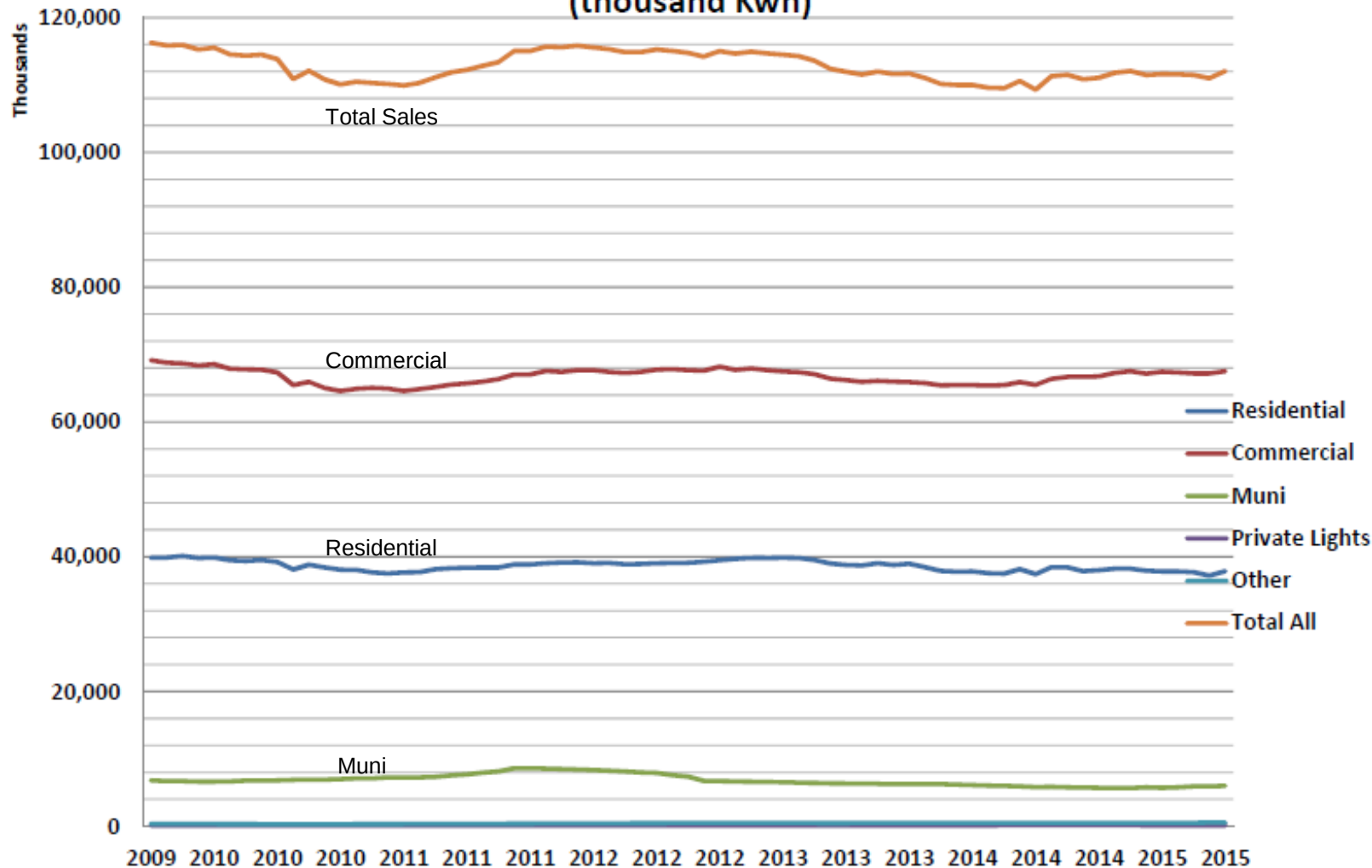


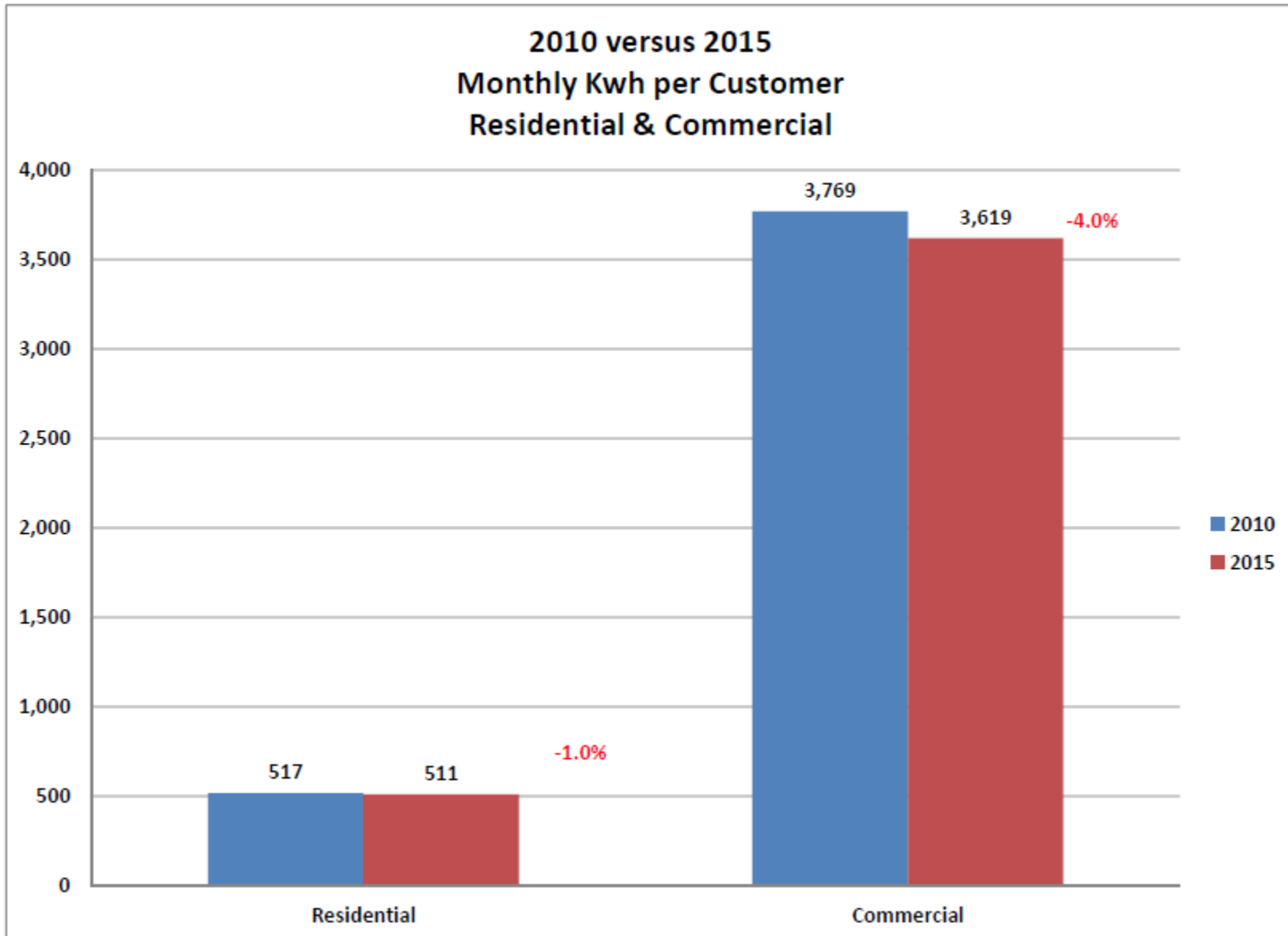


Revenue Annual Average
2010-10 to 2015-6



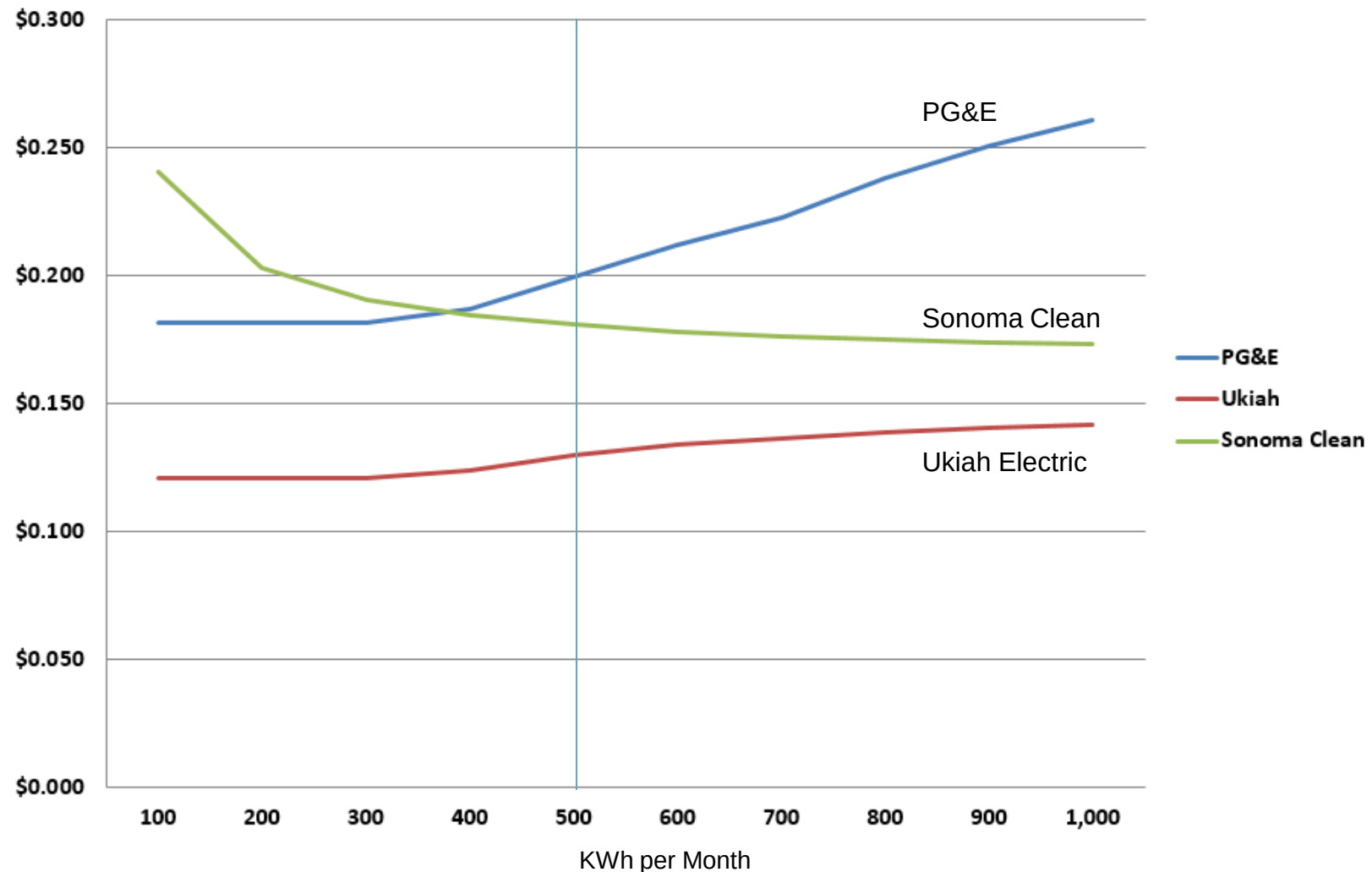
**Trend Annual Energy (last twelve month sum)
by Class & Total by year
(thousand Kwh)**



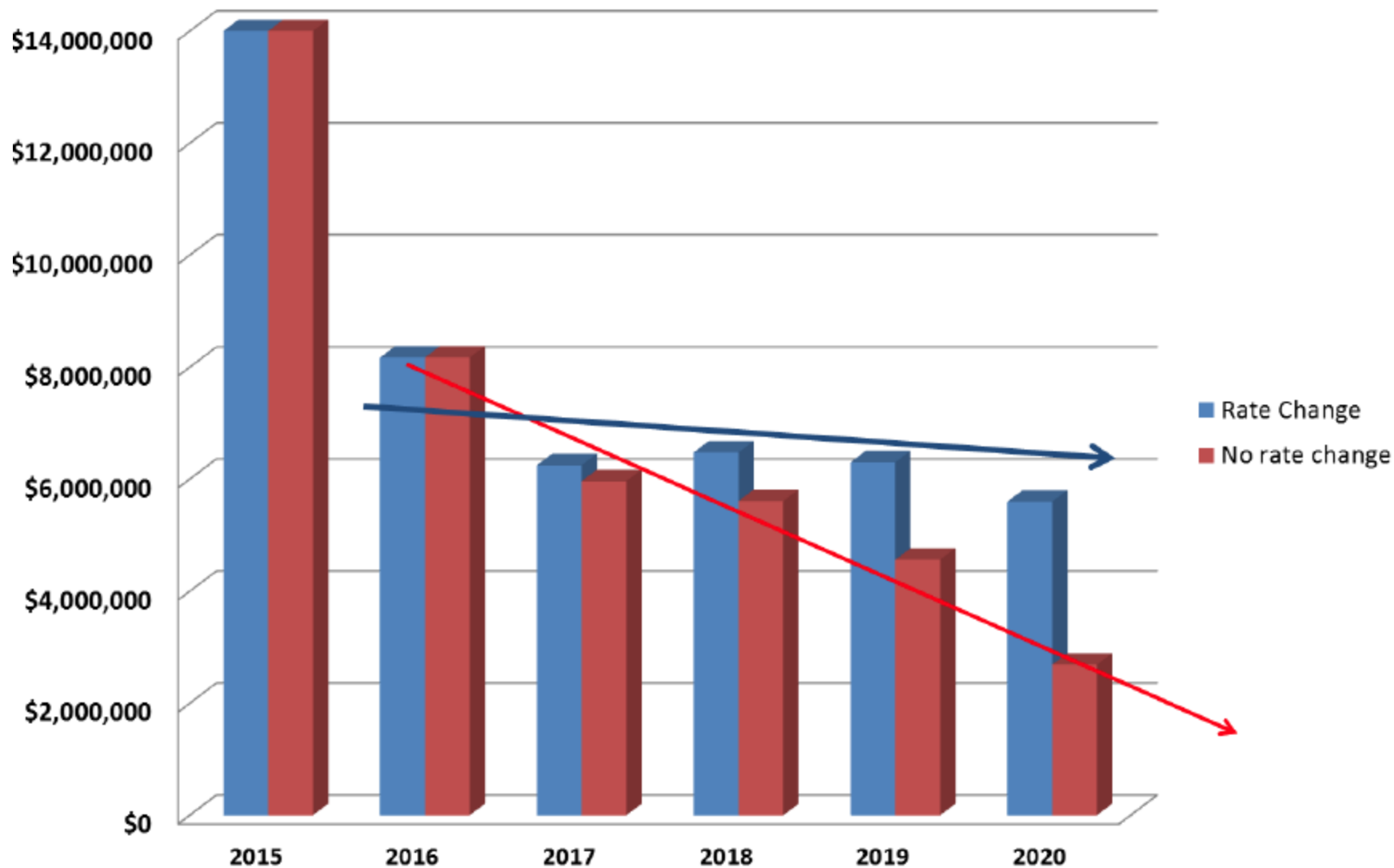




Compare Residential Rate \$/kwh
PG&E, Ukiah & Sonoma Green
by kwh per month



Fund Balance



If we only keep the lights on...

We have failed!

A maintained system is not enough...

It is paramount to have an electric system designed for

- Capacity,
- Capability and
- Critical load planning



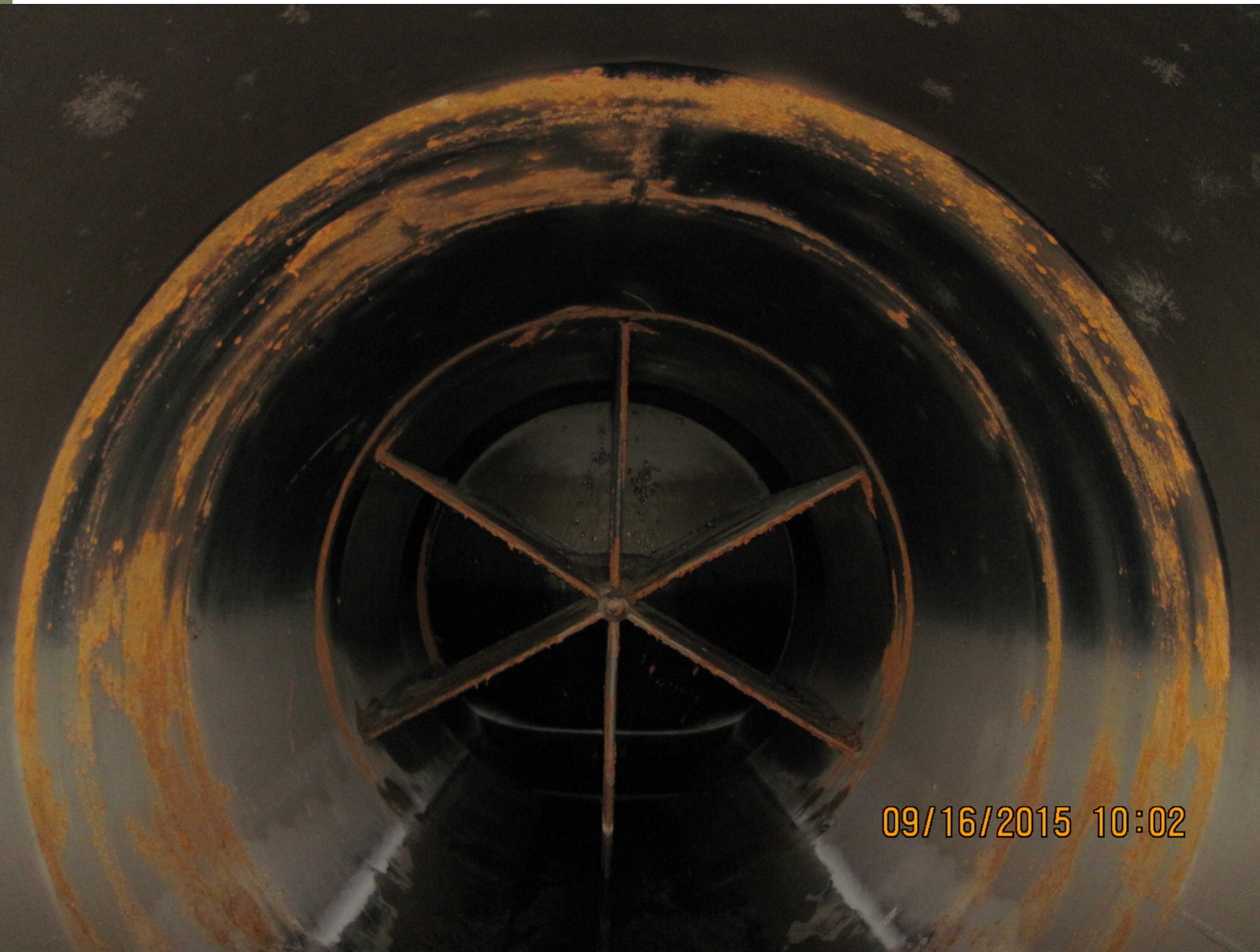




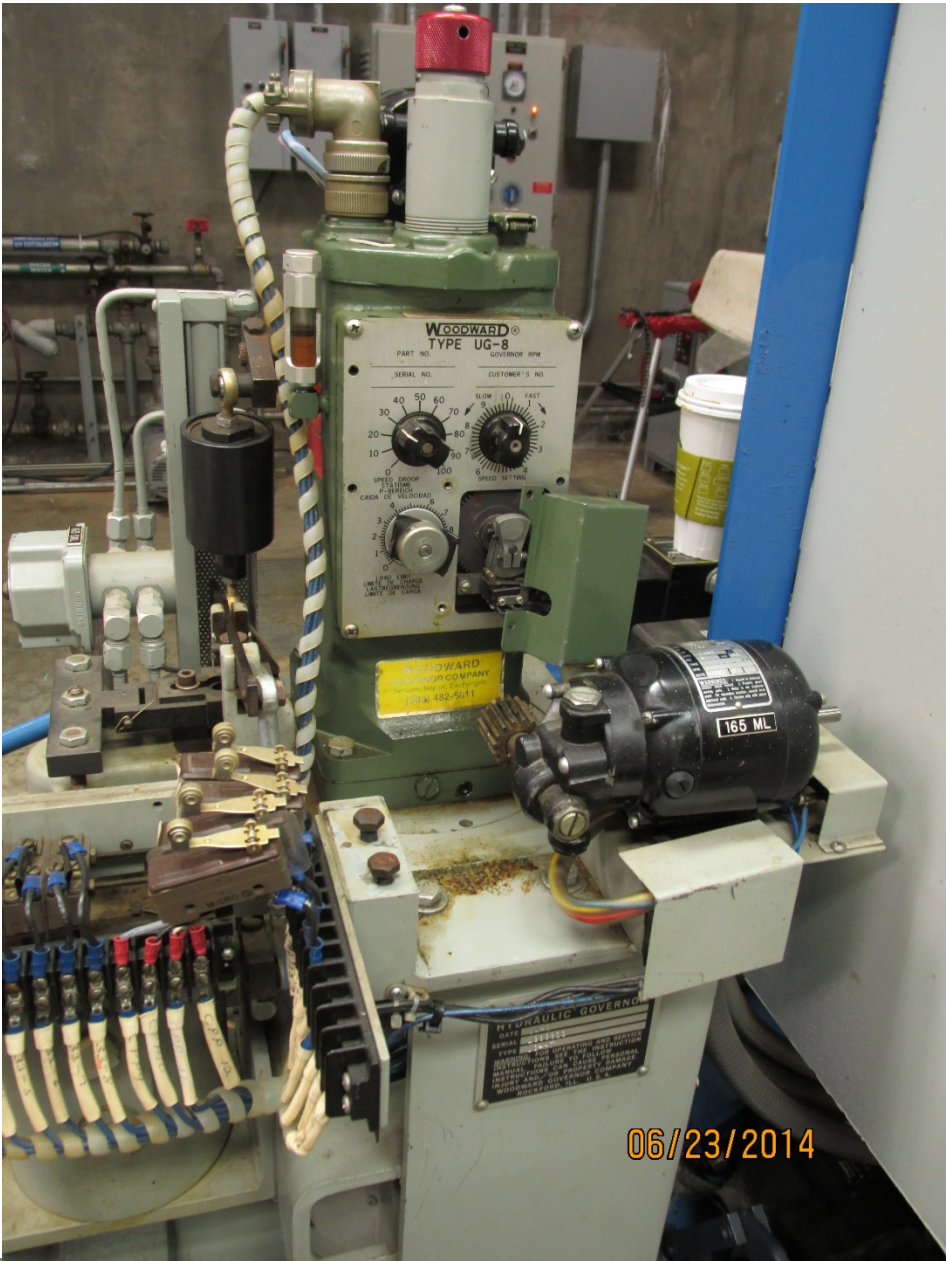






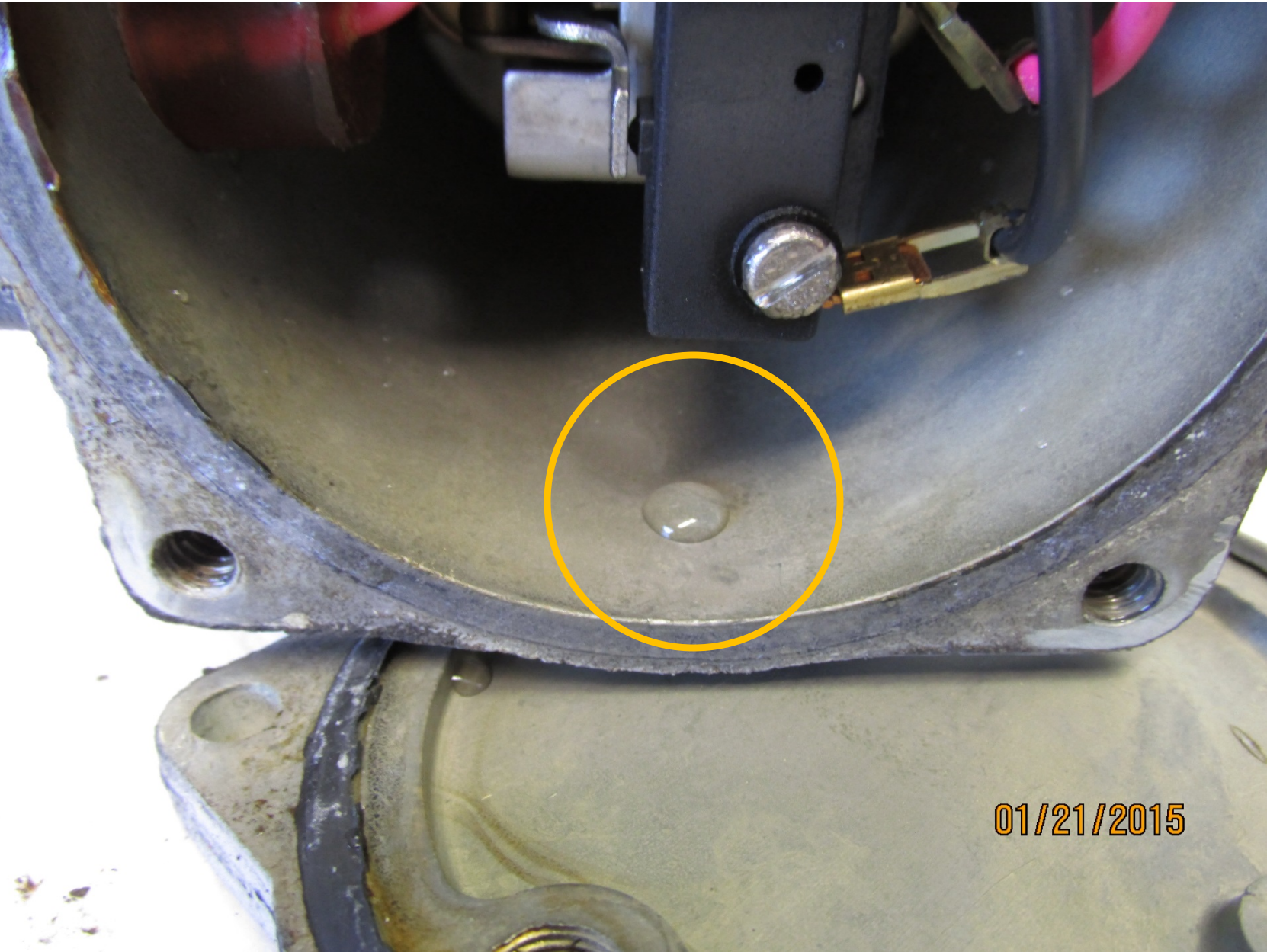


09/16/2015 10:02





01/20/2015



01/21/2015



Capital Projects - Electric

Fiscal Year 2016 Capital Items: \$4,745,000

Funding Source Available:
Electric Capital Improvement Project (CIP) Fund 801 \$4,745,000
(transfer from 800 Operations to 801 CIP Fund)

Total Fund Sources \$4,745,000

Summary of Electric Capital Projects:

PCB Transformer Replacement	Completed	\$ 20,000
Pole – Replacements	Completed	\$ 15,000
Automated Meter Reading – AMI	Developing Specification 5%	\$1,990,000
AMI – Loading & Fault Locating	Developing Specification 5%	\$ 40,000
Communication Upgrades	Designing System & Installation 10%	\$ 80,000
Transformer Upgrades	Completed	\$ 25,000
State St Widening – Pole/Equipment Upgrades	Pending County	\$ 40,000
#6 Reconductor and System Tap Protection		\$ -



Capital Projects- Electric (Continued)

Digger Derrick	Completed	\$ 380,000
E-Truck	Reviewing Options 80%	\$ 40,000
Foreman Truck	Completed	\$ 75,000
On-Call Sub Truck	Reviewing Options 80%	\$ 40,000
Underground System Switching Upgrades/Oak Manor	Design Comp. work sched & bid 50%	\$ 180,000
Underground System Switching Upgrades/Leslie-Gobbi Vault	Completed	\$ 60,000
600 Amp Connector Replacement/Orchard Ave	Completed	\$ 10,000
Low Gap 200 & 600 Amp Upgrades	Completed	\$ 150,000
Perkins Street Underground Project – Phase 2	Utility – 5% pending contractor & schedule	\$ 180,000
Perkins Street Underground Project – Street Lighting	Pending UGing 90%	\$ 145,000
Substation Transformer #1 and #3 Repair	Pending Consultant-10%	\$ 400,000
Hydro Electric Plant Seal Repair	Pending Consultant-10%	\$ 175,000
Electric Service Center Improvements	Pending Consultant- 5%	\$ 700,000

Plan for the
Future (Loads)

Shorten
Outage
Durations

Improve
Power System
Capabilities

Attract qualified Personnel with
experience

Reduce No. of Outages

Improve System Operational Monitoring and
Control (AMI, SCADA & Communication)

