



AGENDA

June 28, 2016

PUBLIC UTILITIES COMMISSION MEETING

7:00 p.m.

City Council Chambers
311 Vernon Street
Roseville, California

- 1. Roll Call**
- 2. Pledge of Allegiance**
- 3. Approval of the May 23, 2016 and May 24, 2016 Minutes**
 - 3.1. May 23, 2016 and May 24, 2016 Minutes
- 4. Oral Communications/Public Comment**
- 5. New Business**
 - 5.1. Environmental Utilities Monthly Update
Report by Environmental Utilities Director Richard Plecker summarizing monthly status of Environmental Utilities issues, for information.
 - 5.2. Environmental Utilities Water Efficiency Programs Overview
Presentation by Water Efficiency Administrator Bobby Alvarez on the Water Efficiency Programs Overview, for information.
 - 5.3. Sustainable Groundwater Management Act
Presentation by Assistant Environmental Utilities Director Kelye McKinney on the Sustainable Groundwater Management Act, for information.
 - 5.4. Roseville Electric Utility Monthly Update
Report by Electric Utility Director Michelle Bertolino summarizing monthly status of Electric issues, for information.
 - 5.5. Roseville Electric Utility Hydroelectric Update
Presentation by Electric Rates and Financial Administrator Philip McAvoy summarizing Electric's Hydroelectric Adjustment for FY17, for information.
 - 5.6. Roseville Electric Utility Public Benefits Programs Overview
Presentation by Electric Retail Services Supervisor Marty Bailey on Roseville Electric's Public Benefits Program, for information.
 - 5.7. Roseville Electric Utility Greenhouse Gas Proceeds Update

Presentation by Power Supply Manager Michael Wardell and Electric Resource Analyst David Siao on Greenhouse Gas Proceeds, for information.

- 6. Reports – Commission/Staff**
- 7. Proposed Future Agenda Items**
- 8. Adjournment**

Title: May 23, 2016 and May 24, 2016 Minutes

Meeting Date: 6/28/2016
Item #: 3.1.

ATTACHMENTS:

Description

May 23, 2016 and May 24, 2016 Minutes

MINUTES
Public Utilities Commission
Special Meeting
May 23, 2016
7:00 p.m.

City of Roseville Corporation Yard
2005 Hilltop Circle
Meeting Room 2 and 3

1. Roll Call

PUC Commissioners Present: Blandon Granger
Gretchen Hildebrand
James McHan
Kerry Schmitz
John Speight
Jim Viele
John Vertido

PUC Commissioners Absent: None

Staff Present: Rob Jensen, City Manager
Carol Garcia, Mayor
Richard Plecker, Environmental Utilities Director
Michelle Bertolino, Electric Utility Director
Joe Mandell, Senior Deputy Attorney
Mike Bloom, Assistant Electric Utility Director
Sonny Person, Assistant Electric Utility Director
Philip McAvoy, Electric Finance & Administration Manager
Todd White, Energy Portfolio Manager
Shawn Matchim, Electric Regulatory Compliance Administrator
Kelye McKinney, Assistant Environmental Utilities Director
Carol Margetich, EU Business Services Administrator
Jim Mulligan, Water Utility Manager
Devin Whittington, Refuse Utility Manager
Karen Sainsbury, Recording Secretary

2. Pledge of Allegiance

3. Oral Comments/Public Comment

None.

4. New Business

a. Meeting Objective

Report by City Manager Rob Jensen on the purpose of the meeting, for information.

- b. Purpose of the Public Utilities Commission / Policy and Governance
Report by Mayor Carol Garcia on the purpose of the Public Utilities Commission, for information.
- c. Meeting Procedures and Roles and Responsibilities of Commissioners
Report by Electric Utility Director Michelle Bertolino and Environmental Utilities Director Richard Plecker on meeting procedures and the roles and responsibilities of Commissioners, for information.
- d. Brown Act and Conflicts of Interest
Presentation by Senior Deputy City Attorney Joe Mandell on the Brown Act and Conflicts of Interest, for information.
- e. Work Plan and Calendar
Review the work plan and tentative topics calendar, for information.

Chair Blandon inquired about attending industry conferences such as California Municipal Utilities Association (CMUA) to become more familiar with issues and trends. Michelle Bertolino indicated travel is budgeted in advance and she will have to check if funds are available.

5. Reports – Commission/Staff

None.

6. Proposed Future Agenda Items

Programs overview such as Energy Efficiency and Cash for Grass.

Commissioner Vertido expressed his appreciation for the EU Weekly Digest.

7. Adjournment

Commissioner Vertido moved for adjournment of the May 23, 2016 Public Utilities Commission Special Meeting. Commissioner Viele seconded the motion. The motion passed unanimously at 7:45 p.m.

Blandon Granger
Chairperson

Karen Sainsbury
Recording Secretary

MINUTES
Public Utilities Commission
May 24, 2016
7:00 p.m.

Council Chambers
311 Vernon Street
Roseville, CA 95678

1. Roll Call

PUC Commissioners Present: Blandon Granger
James McHan
Kerry Schmitz
John Speight
Jim Viele
John Vertido

PUC Commissioners Absent: Gretchen Hildebrand

Staff Present: Rich Plecker, Environmental Utilities Director
Carol Margetich, EU Business Services Administrator
Michelle Bertolino, Electric Utility Director
Philip McAvoy, Electric Finance & Administration Manager
Sonny Person, Assistant Electric Utility Director
Mark Wilhelm, Power Engineering Manager
Todd White, Energy Portfolio Manager
Petra Wallace, Electric Resources Analyst
Jim Mulligan, Water Utility Manager
Kelye McKinney, Assistant Environmental Utilities Director
Mike Bloom, Assistant Electric Utility Director
Shawn Matchim, Electric Regulatory Compliance Administrator
Joe Mandell, Senior Deputy Attorney
Karen Sainsbury, Recording Secretary

2. Pledge of Allegiance

3. Minutes of April 26, 2016

The minutes of April 26, 2016 were approved as presented.

4. Oral Comments/Public Comment

None.

5. New Business

- a. Environmental Utilities Monthly Update
Report by Environmental Utilities Director Rich Plecker summarizing monthly status of Environmental Utilities issues, for information.
- b. Environmental Utilities Fiscal Year 2016-17 Budget Overview
Presentation by Business Services Administrator Carol Margetich summarizing the Fiscal Year 2016-17 Environmental Utilities Budget, for information.
- c. Roseville Electric Utility Monthly Report
Report by Electric Utility Director Michelle Bertolino summarizing monthly status of Electric issues, for information.
- d. Roseville Electric Utility Fiscal Year 2016-17 Budget Overview
Presentation by Electric Utility Director Michelle Bertolino summarizing the Fiscal Year 2016-17 Electric Utility Budget, for information.
- e. Roseville Electric Utility 2015 Annual System Reliability Overview
Report by Assistant Electric Utility Director Sonny Person and Power Engineering Manager Mark Wilhelm summarizing the 2015 Annual System Reliability Overview, for information.
- f. Roseville Electric Utility Power Management Services Agreement
Presentation by Energy Portfolio Manager Todd White and Electric Resources Analyst Petra Wallace on the Power Management Services Agreement, for information.

Commissioner Schmitz expressed an interest in learning more about power management. Michelle Bertolino will set up a meeting to provide an overview of the Electric Utility.

6. Reports – Commission/Staff

Commissioner Viele reported on the success of the April 30th Pharmaceutical Collection Day event with reaching a new record of 3,300 pounds collected.

Commissioner Vertido encouraged residents to continue using water wisely and recommends calling the Water Efficiency group at 774-5761 with any questions.

7. Proposed Future Agenda Items

Commissioner Vertido requested a presentation by Electric and Environmental Utilities on the various rebate programs.

8. Adjournment

Commissioner Vertido moved for adjournment of the May 24, 2016 Public Utilities Commission meeting. Commissioner McHan seconded the motion. The motion passed unanimously at 8:17 p.m.

Blandon Granger
Chairperson

Karen Sainsbury
Recording Secretary

DRAFT

Title: Environmental Utilities Water Efficiency Programs Overview

Meeting Date: 6/28/2016
Item #: 4.2.

ATTACHMENTS:

Description

Water Efficiency Programs Overview

WATER EFFICIENCY CONTINUES! May was filled with two spectacular outreach events showcasing Water-Wise and River-Friendly gardening practices. The third annual **Greener Gardens Tour and DIY Expo** featured 10 All-Star, Water Efficient landscapes for customers to explore throughout Roseville. On hand were Master Gardeners, EcoLandscapers and industry professionals to share their expertise with all who attended. **Mulch Mayhem** was an outstanding success providing a whopping 350 yards of mulch to Roseville residents. This first annual event promoting Water-wise gardening practices far exceeded expectations and saved hundreds of gallons of water!

A cumulative 34.2 of water was saved for the mandated reporting period (June 2015 thru May 2016.)

360 **Water Waste Investigations** performed. Comprised of general water waste complaints and staff patrol.

96 **High Use Investigations** performed targeting high users and customers with an unusual increase in water use.

309 **Violation Notices and Check for Compliances** issued for water related municipal code violations.

27 **Administrative Warnings** issued due to non-compliance of water waste violations.

1 **Citation issued** from the original 309 violations found. Nearly all water waste for the month of May was corrected.

100 **Water Audits** performed promoting water efficient practices, savings incentives, increased water use awareness and site evaluations.

"Gary was not only professional but also very personable at the same time. He did a fantastic job and wore a smile from start to finish."

—Water Audit Recipient, Customer Service Card Evaluation

Notable Accomplishments This Month

- **Cash For Grass was featured in EU Today!** "Ditching Lawn for Something More Water Wise." This wonderful article showcases the Cash For Grass program and its ability to sustain steady momentum with customers interested in removing unwanted water guzzling turf.
- **Over 700 customers** attended the two outreach events for May targeting the continued effort of Water Efficiency.
- **46 Leaks were detected** via water audits.
- **52 water efficient rebates** processed totaling \$21,279.13 in paid rebates.
- **36,603.54 Sq. Ft.** of turf was removed using the Cash for Grass program which continues to bring education and promote Water-Efficient and River-Friendly landscape choices.

Mulch Mayhem 2016, Attended by over 350 Roseville Residents



Subject: May 2016 Water Efficiency Metrics

- **Monthly Scorecard:**

- **Water Wise House Call Target: 100 per month for a total of 1200 per year.**
- **Check for Compliances Target: 0 citations issued as a result of residents correcting violations.**
- **Gallon Per Capita Target: Less than 100 R-GPCD**

***Please note: Multi-Family was moved from commercial to residential in April 2016 to reflect true R-GPCD.**

Residential	Target	February	March	April	May	On Track
Water Wise House Calls	100 per month	63	88	78	86	78.5%
Check for Compliance Vs Citations	0, all violations corrected	0	0	0	0	100%
Residential Gallon Per Capita	100 RGPCD	41.28	46.36	72.55	84.85	

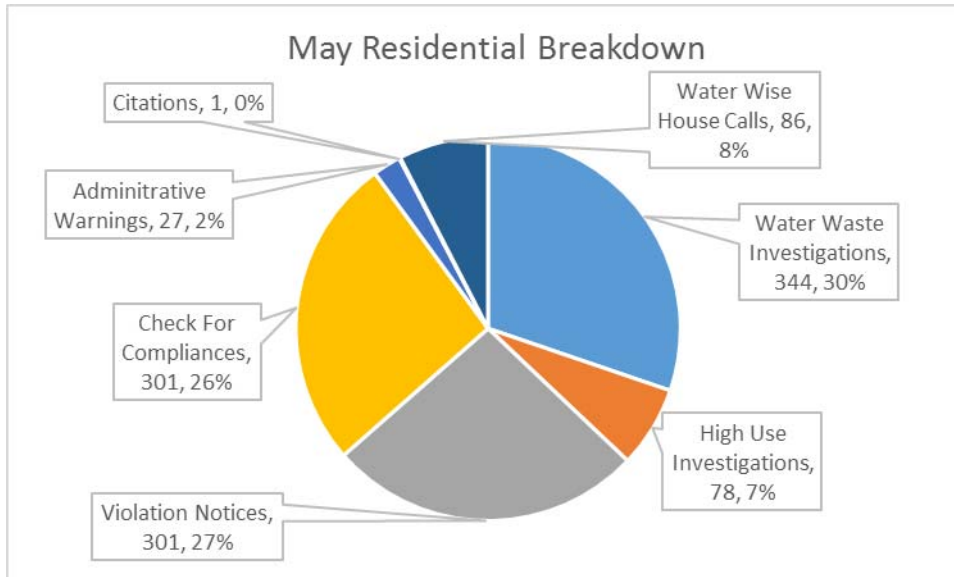
Monthly cumulative savings for reporting period January through May 2016:

Month	2013	Actual 2016	Difference	Monthly % Difference	Cumulative Savings
January	1,288	1,118	(170)	-13.21%	-34.7%
February	1,427	1,085	(342)	-23.97%	-34.1%
March	2,100	1,192	(908)	-43.22%	-34.8%
April	2,435	1,761	(674)	-27.69%	-34.2%
May	3,675	2,412	(1,263)	-34.37%	-34.2%

RESIDENTIAL:

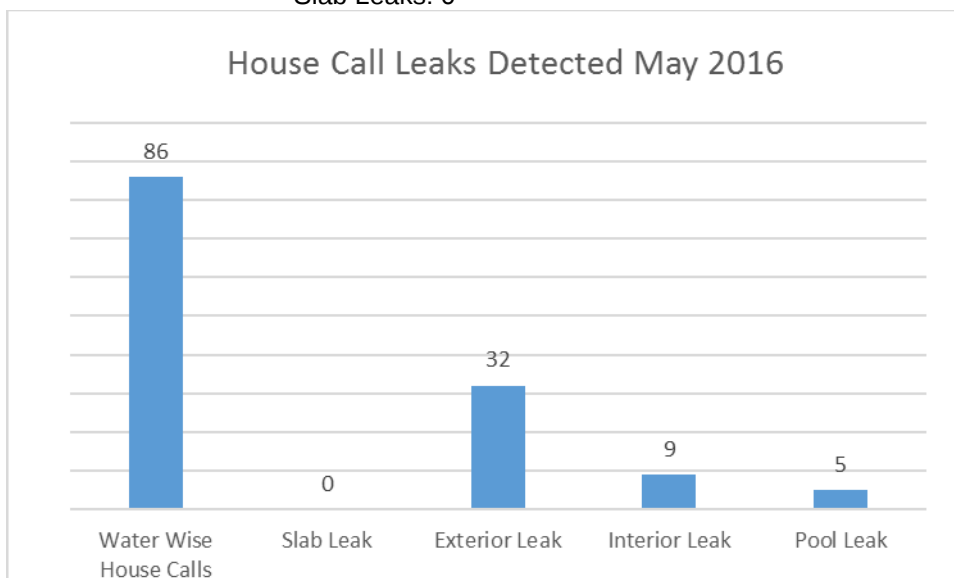
- **Field Work**

- o Water Waste Investigations: 344
- o High Use Investigations: 78
- o Violation Notices: 301
- o Check for Compliances: 301
- o Administrative Warnings: 27
- o Citations: 1
- o Water Wise House Calls: 86



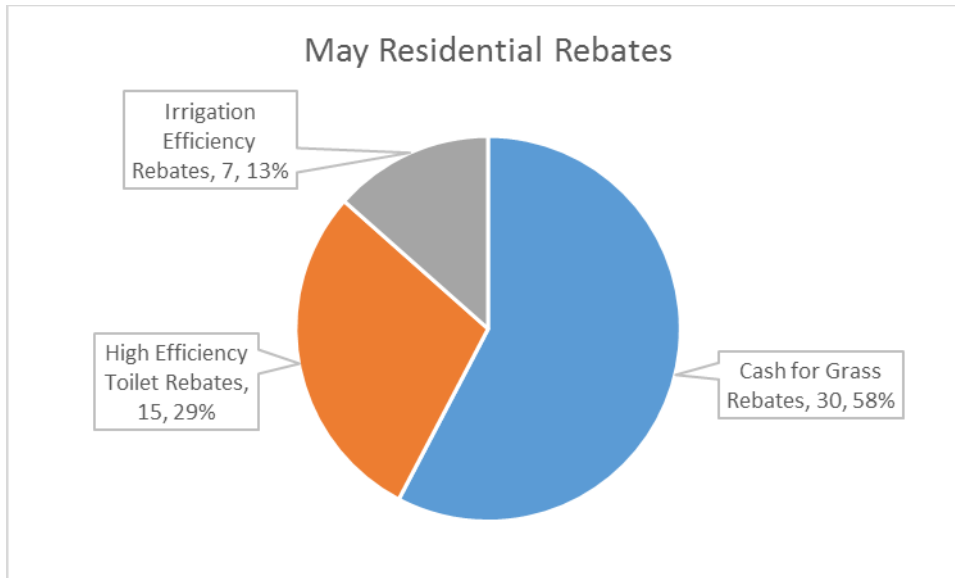
- **Water Wise House Call / Leak Detection Breakdown**

- o Water Wise House Calls: 86
- o Total Leaks Detected: 46
 - Exterior Leak: 32
 - Interior Leak: 9
 - Pool Leak: 5
 - Slab Leaks: 0



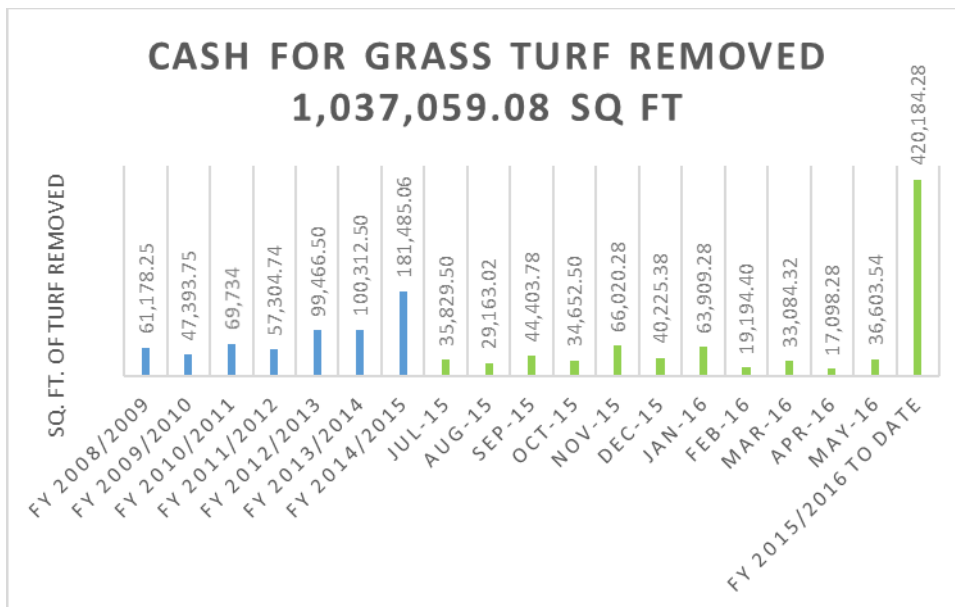
- **Rebates:**

- o Total Completed: 52
- o Cash for Grass Rebates Completed: 30
- o High Efficiency Toilet Rebates Completed: 15
- o Irrigation Efficiency Rebates Completed: 7



- **Cash for Grass:**

- o Total Turf Removed in May 2016: 36,603.54 Sq. Ft.
- o Total Turf Removed Since Program Inception: **1,037,059.08 Sq. Ft.**

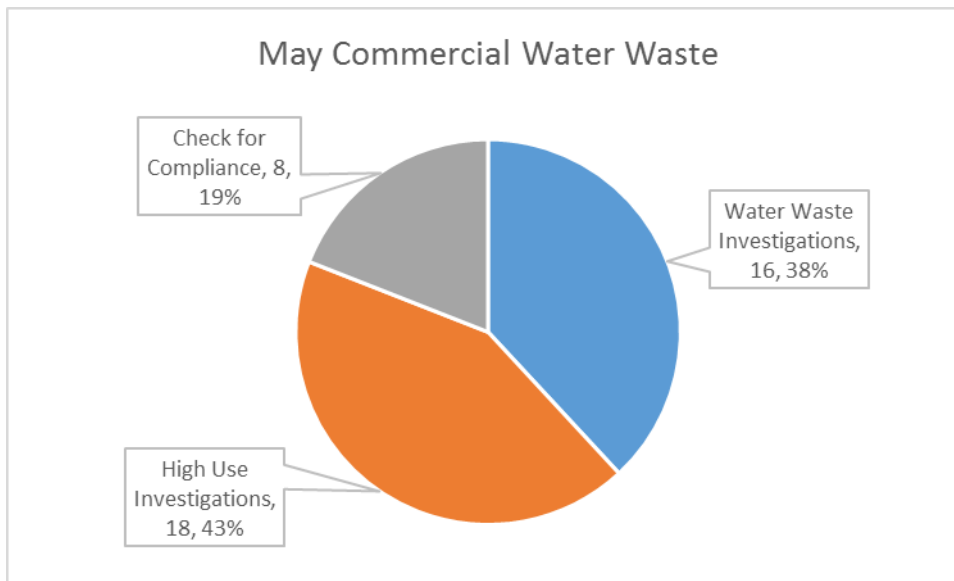


COMMERCIAL

The process of creating and implementing metrics has shed light on the need to improve communication and establish further interaction within the commercial segment of water users. We're excited about the opportunity to place a heavier emphasis on establishing relationships and promoting the importance of efficient use within this division of users, which amounts to over 50% of our water consumption. Stay tuned to see the increased results of our new venture...

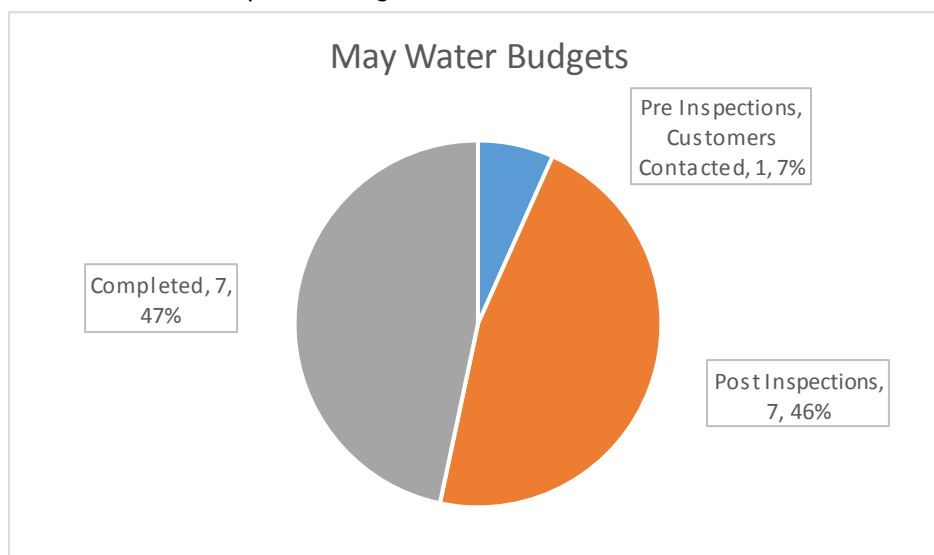
- **Field Work**

- o Water Waste Inspections: 16
- o High Use Investigations: 18
- o Violation Notices: 8
- o Check for Compliances: 8
- o Administrative Warnings: 0
- o Citations: 0



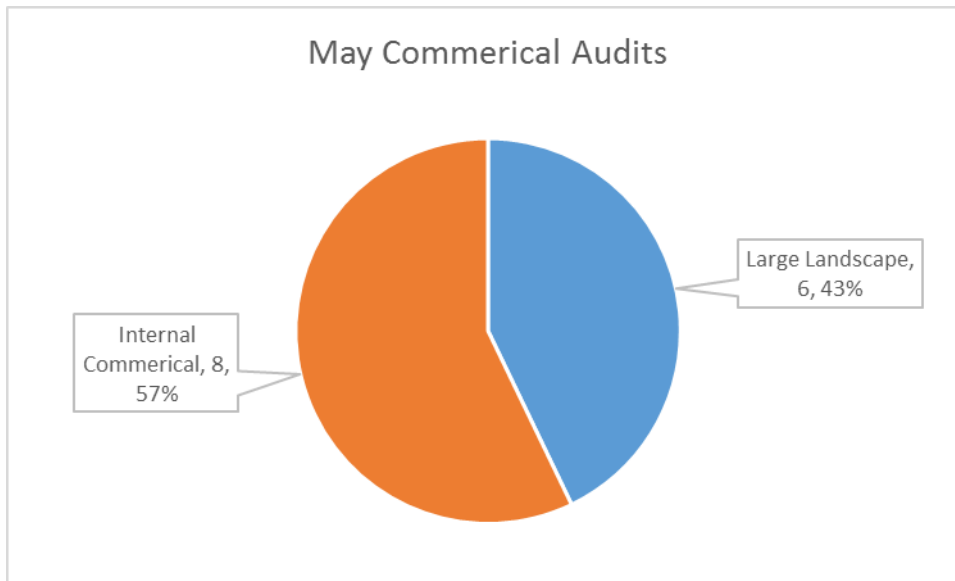
- **Water Budget Breakdown**

- o Pre Inspections, Customers Contacted: 1
- o Post Inspections: 7
- o Completed Budgets: 7



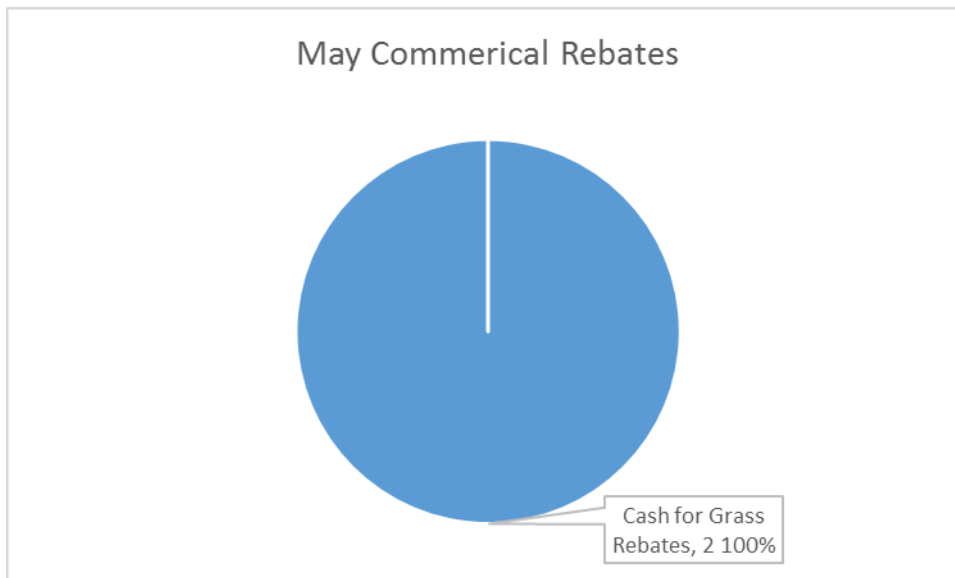
- **Water Audit Breakdown**

- o Large Landscape Audits: 6
- o Interior Audits: 8
- o Multi Family Audits: 0
- o Industrial Audits: 0
- o Institutional Audits: 0
- o Leaks Detected: 0

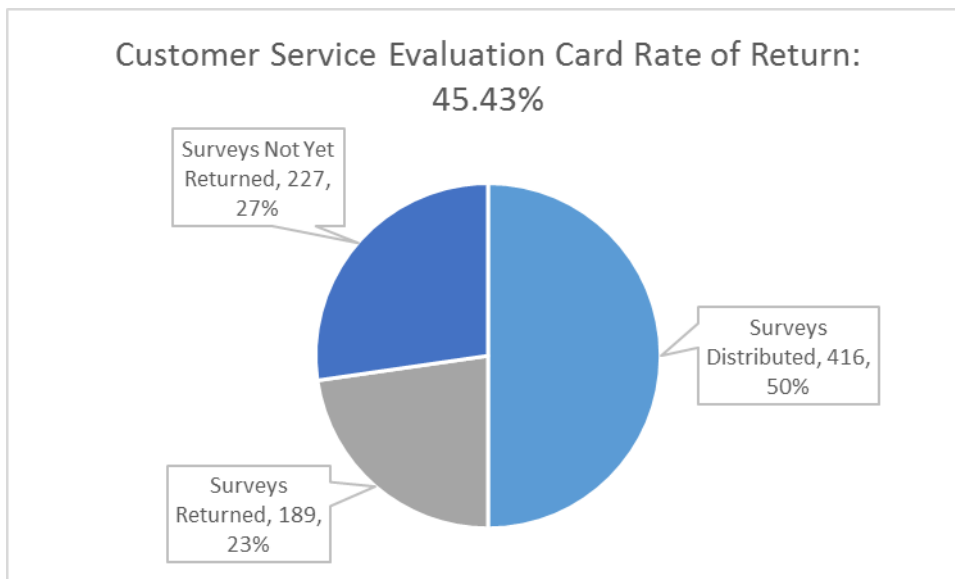
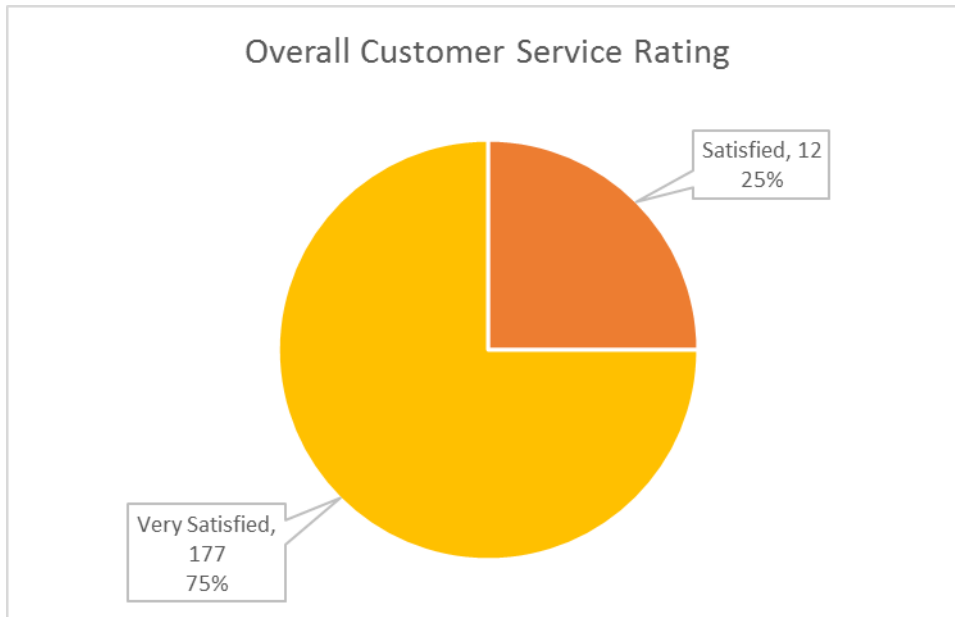


- **Rebates:**

- o Cash for Grass Rebates Completed: 2
- o Custom Rebates Completed: 0
- o High Efficiency Toilet Rebates Completed: 0
- o Irrigation Efficiency Rebates Completed: 0



- **Customer Evaluations:** The City of Roseville Water Efficiency Division is continually striving to improve our products and services we provide to customers. The following is customer feedback used to help us evaluate and improve our performance.
 - o Very Satisfied with the overall service provided: 177
 - o Satisfied with the overall service provided: 12
 - o Neutral reaction with the overall service provided: 0
 - o Somewhat dissatisfied with the overall service provided: 0
 - o Very dissatisfied with the overall service provided: 0



- **Sample May Customer Evaluation Comments:**

- o Great group at the Hilltop office. Always a pleasure dealing with them.
- o Keep doing the same level of quality service. Clearly employees are well trained and knowledgeable.
- o Great service provided by the City. I'm telling my friends and family in Roseville. Thank you!
- o Roseville is a model for other communities!
- o Very professional, courteous and knowledgeable in their jobs. Excellent staff at Roseville.

Title: Roseville Electric Utility Hydroelectric Update

Meeting Date: 6/28/2016
Item #: 4.5.

ATTACHMENTS:

Description

Hydroelectric Update

Hydroelectric Adjustment Overview FY2016-17

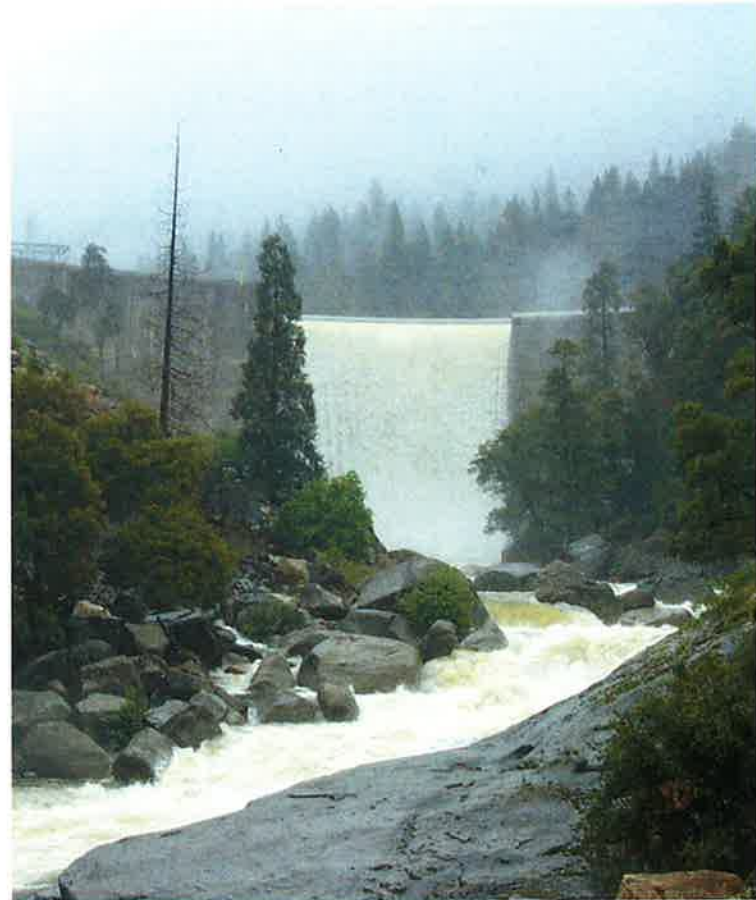
June 28, 2016

Roseville Public Utilities Commission

Philip McAvoy

Hydroelectric Resources

- 18% of Roseville's power needs in a normal year (222 GWh)
- 197 GWh or 16% in FY17



Roseville's Hydroelectric Portfolio

- **4%** of WAPA's Central Valley Project
- **12%** of NCPA's Calaveras project



Hydro Adjustment Facts

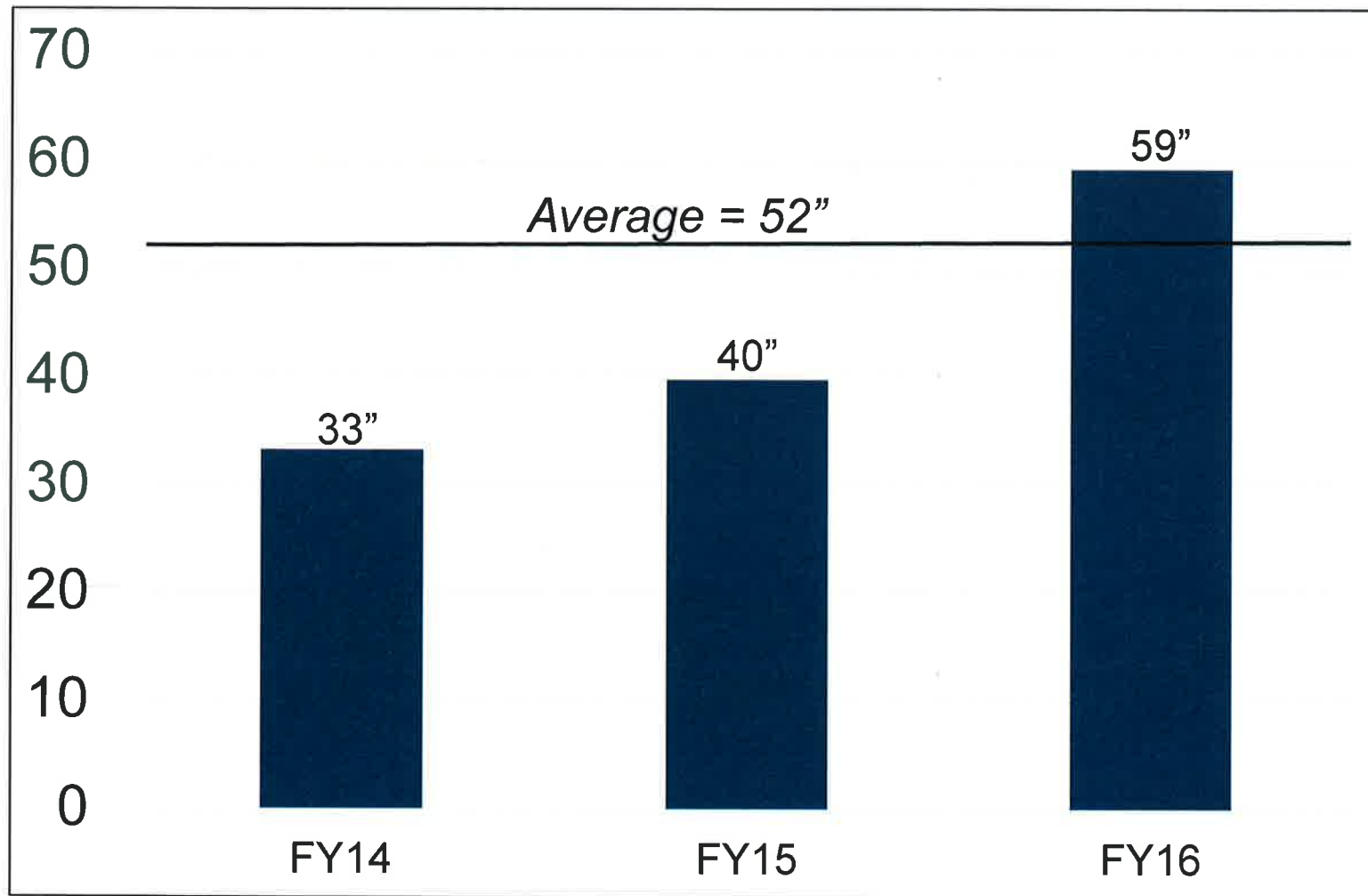
- Initiated in 2009
- Quickly reimburses utility for a portion of extra cost due to dry year
- Reduced financial reserve target
- Annual calculation based on state's Northern Sierra 8 Station precipitation index and market price to replace



Precipitation

- 1" of precipitation = 4.27 GWh
- Value per 1" is over \$160,000
- Average precipitation at measurement points is 52"

Precipitation recent history



Hydro Adjustment Revenues

(millions)

FY2014 FY2015 FY2016 FY2017

Total

\$1.5

\$4.1

\$2.3*

\$0

** estimated*

Hydro Adjustment Impact

(% surcharge)

FY14 FY15 FY16 FY17

Total

<1%

2.5%

1.2%

0%

Hydro Adjustment Cost per Home

(per month)

FY14 FY15 FY16 FY17

Total

\$1.10

\$2.50

\$1.30

\$0

Title: Roseville Electric Utility Public Benefits Programs Overview

Meeting Date: 6/28/2016
Item #: 4.6.

ATTACHMENTS:

Description

Roseville Electric Utility Public Benefits Programs Overview



FY17 Electric Public Benefits and other Customer Programs

June 28, 2016

Roseville Public Utilities Commission

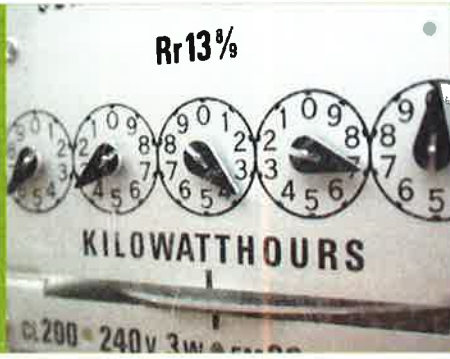
Martin Bailey

Customer Service Supervisor



Electric Public Benefits Background

- Electric Utility Restructuring Act - Assembly Bill 1890 – enacted 20 years ago.
- Requires publicly-owned utilities to implement a surcharge to fund “public benefits” programs.
- Roseville Electric Utility’s surcharge is 2.85% of electricity sales revenue.
- Public benefits funds are used to “sell” programs to our customers.



Electric Public Benefits Background

- Legislation created categories of public benefit programs:
 - Energy Efficiency and Demand Side Management
 - Renewable Energy
 - Low-Income
 - Research, Development and Demonstration



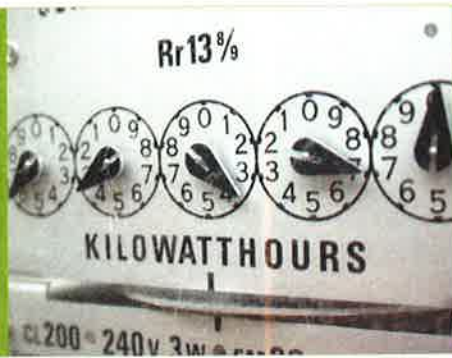
Impacts of Public Benefits Programs

- Public Benefits Programs benefit both the utility and customers:
 - Key element in meeting state mandated energy efficiency goals
 - Helps maintain low electric rates and lower customer bills



Impacts of Public Benefits Programs (cont.)

- Promotes and maintains important customer engagement
- Tests and supports emerging energy technologies



Energy Programs in Roseville

- Roseville Electric Utility has assisted customers with energy conservation advice since the early 1980s.
- Public Benefit Programs focus on two general areas:
 - Residential
 - Commercial

FY17 Residential Programs

Energy Efficiency Rebates

- Air Conditioner: High efficiency
- Whole House Attic Fan: Venting the attic
- Swimming Pool Pumps: Variable speed
- Shade Trees: Advice focused on tree survival

Low Income Program

- “Whole House” weatherization and water

Solar Electric Rebate

- Rebate offers expire December 2016 in accordance with state law.

FY17 Residential Programs

Home Performance Program

- Attic Insulation
- Air Duct Replacement
- Air Duct Test and Seal
- Windows
- Whole House Air Sealing

Home Performance Bundle: Extra rebate

- Customer must complete more than one Home Performance Measure in 12 months

FY17 Residential Programs

Plug in Electric Vehicle

- Plug in electric vehicles
 - Rebate for new plug in electric vehicles residing in Roseville
- Plug in electric vehicle chargers
 - Rebates for home plug in electric vehicle chargers

O Power

- Behavioral Program
- Home Energy Reports to customers

FY17 Commercial Programs

Energy Efficiency

- Cooling and Air Conditioning
- Electric Motors
- Restaurant/Food Service Equipment
- Window Film

Solar Electric

- Rebate offers expire December 2016 in accordance with state law.

FY17 Commercial Programs

Lighting:

- LED
 - Interior Fixtures
 - Exterior Fixtures
 - Parking Garage Fixtures
 - Miscellaneous
- Interior - Miscellaneous
 - Non-LED lighting
- Sensors and Controls
- Custom
 - Fit the rebate to the project

FY17 Commercial Programs

Shade Trees

- Available for business

Plug In Electric Vehicle

- Rebates for charging station installed at a business location

Conclusion

- Public Benefits Programs for FY 2017
- Program design based on:
 - Customer feedback
 - Technology advancements
 - Building codes
 - Performance and cost-effectiveness
- FY16 Public Benefits Program performance presentation at a future meeting

Title: Roseville Electric Utility Greenhouse Gas Proceeds Update

Meeting Date: 6/28/2016
Item #: 4.7.

ATTACHMENTS:

Description

Greenhouse Gas Proceeds Update

Solar Electric Rebate Program Update



DATE: June 20, 2016

TO: Roseville Public Utilities Commission

FROM: David Siao and Mike Wardell, Roseville Electric Utility

RE: 2015 Greenhouse Gas Free Allowance Proceeds Spending Plan

SUMMARY

The purpose of this document is to provide an overview of Roseville Electric Utility's 2015 Greenhouse Gas Free Allowance Proceeds Spending Plan to comply with the Cap and Trade Regulations developed by the California Air Resources Board (CARB).

BACKGROUND

The City of Roseville receives an annual direct allocation of California Greenhouse Gas (GHG) allowances. CARB distributes allowances to ensure that electricity ratepayers do not experience sudden increases in their electricity bills associated with the Cap and Trade Regulations. Roseville uses some allowances to meet emissions obligations associated with Roseville's natural gas fueled generation. The remainder is sold at auction, with Roseville receiving the proceeds. The law restricts how the proceeds may be spent. Specifically, the proceeds:

- Must be used for the benefit of retail ratepayers, not other entities or persons;
- Must be used consistent with the goal of Assembly Bill (AB) 32 (California's Global Warming Solutions Act)--reducing GHG emissions from various sources within California;
- Must not be used to meet compliance obligations for electricity sold into the California Independent System Operator markets.

The Greenhouse Gas Free Allowance Proceeds Spending Plan identifies activities and programs Roseville will fund with auction proceeds. Roseville received slightly over \$2,300,000 in proceeds from the sale of allowances in 2015.

The proposed Plan consists of three parts:

1. **EZ Energy House Call Program:** This program was initially established in February 2015 using 2013 GHG auction proceeds, and was continued with 2014 proceeds. Staff recommends continuing to fund the program in 2017 using \$350,000 of the 2015 proceeds. The program provides no-cost whole house weatherization for the City's qualifying low income customers. It provides measurable, ongoing, long-term GHG emissions reductions and financial benefits to these customers.
2. **Bill Credit:** A portion of the 2015 proceeds, \$1,000,000, would be used to provide customer bill credits. A bill credit was also used for part of the 2013 proceeds, and is consistent with CARB's Board Resolution 11-32 and its Cap and Trade Regulations. The table below illustrates proposed bill credit amounts :

Customer Class	Bill Credit Amount	Percent of Average Customer Monthly Cost
Residential Customers	\$8.00	7.2 %
ERAP Customers*	\$16.00	14.4 %
GS1 Commercial Customers	\$12.50	7.4 %
GS2 Commercial Customers	\$250.00	7.1 %
GS3 Commercial Customers	\$2,200.00	7.0 %
GS4 Commercial Customers	\$15,000.00	7.1 %

* Electric Rate Assistance Program – provides assistance to low income customers.

3. Advanced Metering Infrastructure (AMI): The remaining 2015 funds, about \$950,000, would be set aside for AMI in Roseville. A portion of the 2014 proceeds was also set aside for this purpose. AMI will enable Roseville Electric Utility to reduce greenhouse gas emissions by more finely controlling voltages on the electric system and eventually put in place rates to encourage more efficient energy use. Roseville must report annually on the proposed use of these proceeds to CARB, but these funds would be held over multiple years for the comprehensive, multi-year implementation effort required for AMI.

Per Roseville's GHG Cap and Trade Program, the City Council must approve the use of all allowance proceeds. Roseville must also report to the CARB by June 30 of each year how it has spent, or plans to spend, the proceeds received through auction of its allowances. The next report is due June 30, 2016.

FISCAL IMPACT

This plan envisions spending approximately \$2,300,000 in 2015 Greenhouse Gas Free Allowance Proceeds over the next three fiscal years.

ECONOMIC DEVELOPMENT/JOBS CREATED

There should be a minimal benefit associated with implementation of the EZ Energy House Call and AMI Programs.

ENVIRONMENTAL REVIEW

The 2015 Greenhouse Gas Free Allowance Proceeds Spending Plan is not considered a "project" as defined by the California Environmental Quality Act ("CEQA") (CEQA Guidelines §15378). Consequently no CEQA action is required.

2015 Greenhouse Gas Proceeds Spending Plan

June 28, 2016

Roseville Public Utilities Commission

Mike Wardell and David Siao

Outline

- Background – What and why?
- Annual Spending Plan
- Roseville's 2016 programs
 - Customer bill credits
 - Energy efficiency house calls
 - Advanced meters

California Assembly Bill 32

The Global Warming Solutions Act of 2006, or Assembly Bill (**AB**) **32**, is a California State Law that fights global warming by establishing a comprehensive program to reduce greenhouse gas emissions from all sources throughout the state.

Background

- Cap and Trade program
- Roseville Electric receives Free Allowances
- Allowances must either be used for REP or sold at auction
- Auction proceeds must be used for the purposes of AB32 and for the benefit of customers

Annual Spending Plan

How, specifically, will Roseville utilize the \$2.3 million in auction proceeds from 2015?

- Customer bill credits - \$1 million
- Energy and water efficiency house calls - \$350,000
- Advanced meters - \$950,000

Monthly Bill Credit

- \$1,000,000
- Expected to reach customers by early 2017

Customer Class	Credit Amount
Residential	\$8
Low Income Residential	\$16
Small Business	\$12.50
Medium Business	\$250
Large Business	\$2,200
Industrial	\$15,000

EZ Energy House Call Program

- \$350,000
- Energy and water saving measures
- Serves otherwise hard-to-reach group (low income)

Advanced Metering Infrastructure

- \$950,000
- Deployment expected by 2018
- Direct and indirect benefits
- Funding, timeline

Questions?



GENERAL INFORMATION MEMORANDUM

TO: Mayor Carol Garcia and Members of the City Council

FROM: Michelle Bertolino, Electric Utility Director *Michelle*

PREPARED BY: Shawn Matchim, Electric Regulatory Compliance Administrator

APPROVED BY: Rob Jensen, City Manager

DATE: June 1, 2016

SUBJECT: Solar Electric Rebate Program Update – Rebates End In 2016

Purpose

The purpose of this general information memorandum is to provide the City Council with an update regarding the scheduled conclusion of Roseville Electric Utility's Senate Bill 1 (SB1) solar electric rebate program.

Summary

Consistent with California SB1, Roseville Electric Utility will close its solar electric rebate program to new applicants as of December 23, 2016.

At the program's conclusion, Roseville electric utility customers will have contributed over \$12 million towards SB1 rebates and the utility will have issued over 2,500 rebates to Roseville residents and businesses to offset the cost of rooftop solar installation.

It is important to note that although the solar rebate program will be ending, Roseville Electric Utility customers will continue to be able to install rooftop solar and interconnect to the utility's electric distribution system.

Background

SB1 was signed into law ten years ago as a way to provide temporary, declining, utility funded financial incentives for rooftop solar installations in California. Consistent with SB1's intent, as the cost of rooftop solar panels has declined significantly, utility rebates have slowly phased out and the rooftop solar industry has successfully established itself in California.

When the state of California enacted SB1, the legislation required that all electric utilities in California establish solar electric rebate programs for customers who want to generate their own solar electricity. At that time, Roseville Electric Utility had already been offering customers solar electric rebates for almost seven years.

The general provisions of SB1 included the following:

- Electric utilities are allocated a "share" of the estimated statewide cost to install 3,000 megawatts of customer solar electric power;
- Utility programs must offer solar electric rebates for a term of 10 years, or until their state assigned solar rebate allocation was spent, whichever came first; and
- Solar rebates must start at a minimum of \$2.80 (per installed system watt) and must decrease to \$0 no later than December 31, 2016.

Consistent with SB1, Roseville Electric Utility established a solar electric rebate program to promote solar technology and customer adoption of residential and commercial solar for electric generation. The Utility administered the solar rebate program in accordance with the utility's Solar Program Guidebook, which outlines the entire solar installation process and guidelines. The program and city website states that the rebates will end by December 2016.

As we approach the end of the solar rebate program later this year, Roseville Electric Utility will make more information available to customers regarding the specific timing and requirements for processing rebates in advance of the rebate program closure date of December 23, 2016.

APPROVED:



Rob Jensen
City Manager