

City of Roseville **Public Utilities Commission**March 25, 2014

7:00 P.M.

Council Chambers

311 Vernon Street

#### **AGENDA**

- 1. Roll Call
- 2. Pledge of Allegiance
- 3. Approval of the February 25, 2014 Minutes
- 4. Oral Communications/Public Comment
- 5. New Business
  - a. <u>Environmental Utilities Monthly Update</u>
    Report by Business Services Administrator Carol Margetich summarizing monthly status of Environmental Utilities issues, for information.
  - b. Roseville Electric Monthly Update
    Report by Electric Utility Director Michelle Bertolino summarizing monthly status of
    Environmental Utilities issues, for information.
  - c. Roseville Utilities Safety Program
    Presentation by Environmental Utilities Safety Coordinator John Parente and Electric Safety Coordinator Kevin Kiger summarizing the Utilities safety programs and performance measurements, for information.
  - d. <u>Fiscal Year 2013 Energy Efficiency Program Results</u>
    Presentation by Electric Retail Services Supervisor Marty Bailey summarizing proposed FY13 energy efficiency and solar electric program results, for information.
  - e. <u>Educational Energy Efficiency Program Overview</u>
    Presentation by Electric Retail Service Supervisor Marty Bailey discussing *Home Energy Reports* and new customer education energy efficiency program, for information.
- 6. Reports Commission/Staff
- 7. Proposed Future Agenda Items
- 8. Adjournment

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# MINUTES Public Utilities Commission

February 25, 2014 7:00 p.m.

Council Chambers 311 Vernon Street Roseville, CA 95678

#### 1. Roll Call

PUC Commissioners Present:

Tom Barrington
Blandon Granger

Gretchen Hildebrand

John Speight Jim Viele

**PUC Commissioners Absent:** 

Commissioner Lammers and Commissioner Vertido

(excused absences)

Staff Present:

Ed Kriz, Environmental Utilities Director

Jim Mulligan, Water Utility Manager

Kelye McKinney, EU Engineering Manager Sonny Person, Electric Assistant Utility Director Mike Bloom, Electric Assistant Utility Director

Joseph Mandell, Deputy City Attorney Karen Sainsbury, Recording Secretary

#### 2. Pledge of Allegiance

#### 3. Minutes of January 28, 2014

The minutes of January 28, 2014 were approved as submitted.

#### 4. Oral Comments/Public Comment

None

#### 5. New Business

Chair Hildebrand dropped item 5d due to the absence of Michelle Bertolino and reordered the remaining agenda items 5e, 5a, 5c, 5b.

e. Roseville Electric Geomagnetic Storm Impacts on Electric Infrastructure
Report by Electric Assistant Utility Director Sonny Person summarizing the
Geomagnetic Storm Impacts on Electric Infrastructure, for information.

#### a. Environmental Utilities Monthly Report

Report by Environmental Utilities Director Ed Kriz, summarizing monthly status of Environmental Utilities issues, for information.

#### c. Water Contracts Overview

Presentation by Water Utility Manager Jim Mulligan with an overview of the water contracts, for information.

#### b. Water Supply Update

Presentation by Environmental Utilities Director Ed Kriz on the status of the Water Condition, for information.

Kelye McKinney co-presented providing information on Drought Management Team activities to date.

#### d. Roseville Electric Monthly Update

Report by Electric Utility Director Michelle Bertolino summarizing monthly status of Electric issues, for information.

Agenda item 5d. was dropped from the agenda.

#### 6. Reports - Commission/Staff

Commissioner Viele provided copies of a Sun Senior News, February 2014 article on water.

#### 7. Proposed Future Agenda Items

Ed Kriz proposed a PUC Commissioner workshop in May or June to review the history and purpose of the Public Utilities Commission, roles and responsibilities, meeting procedures and key issues facing the Utilities. Chair Hildebrand queried the Commission and all were in favor of the workshop. Karen will check calendars.

#### 8. Adjournment

Commissioner Viele moved for adjournment of the February 25, 2014 Public Utilities Commission meeting. Commissioner Granger seconded the motion. The motion passed unanimously at 8:20 p.m.

| Gretchen Hildebrand                 |  |
|-------------------------------------|--|
| Chairperson                         |  |
|                                     |  |
|                                     |  |
|                                     |  |
|                                     |  |
| Karen Sainsbury Recording Secretary |  |



# Roseville Utilities Safety Program

John Parente Environmental Utilities Safety Coordinator Kevin Kiger Roseville Electric Safety Coordinator March 25, 2014

City of Roseville, California



# Safety Culture

- Not just an expectation but a critical organizational value
- Applied every waking moment of every day
- Personal commitment



## Benefits of Proactive Safety

- Anticipate
- Recognize
- Control

Reduce exposure

Maximize workforce productivity

Minimize collateral impact

Ownership

City of Roseville, California

# 1

# **Key Elements**

Training

City-wide

Department specific

Process

**Engineering Controls** 

Personal Protective Equipment

**Administrative Procedures** 

Oversight

Job site visits/audits/inspections

# Measuring Our Performance

Key Performance Indicators (KPIs)

Our Goal

Categories used by Cal-OSHA and

Fed OSHA

**Vehicles** 

Comparator

Recordable Injury Rate (RIR)

City of Roseville, California

# Indicators and Goals

- Goal for all Safety KPIs = 0
- Key Performance Indicators
- Cal-OSHA

**Lost Time Cases** 

**Modified Duty Cases** 

Other Recordable Cases

Vehicle Incidents

# Roseville Electric Results

| Injuries and Incidents for Roseville Electric |                   |         |                                         |  |  |
|-----------------------------------------------|-------------------|---------|-----------------------------------------|--|--|
| OSHA RECORDABLE INJURIES                      | CY Q4<br>12/31/13 | CY 2013 | CY 2013 Recordable<br>Injury Rate (RIR) |  |  |
| Lost Time Cases                               | 0                 | 0       |                                         |  |  |
| Modified Duty Cases                           | 1                 | 1       | 4.44                                    |  |  |
| Other Recordable Cases                        | 0                 | 4       |                                         |  |  |
| VEHICLE INCIDENTS                             | 0                 | 1       | n/a                                     |  |  |

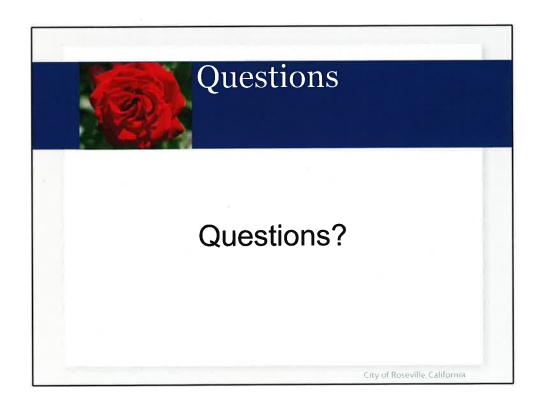
| American Public Power Association (APPA) 2012 Averages |      |  |  |  |
|--------------------------------------------------------|------|--|--|--|
| Lost Time cases                                        | 1.62 |  |  |  |
| Modified Duty Cases                                    | 1.53 |  |  |  |
| Other Recordable Cases                                 | 2.26 |  |  |  |

City of Roseville, California

# Environmental Utilities Results

| Injuries and Incidents for Environmental Utilities |                   |         |                                         |  |
|----------------------------------------------------|-------------------|---------|-----------------------------------------|--|
| OSHA RECORDABLE INJURIES                           | CY Q4<br>12/31/13 | CY 2013 | CY 2013 Recordable<br>Injury Rate (RIR) |  |
| Lost Time Cases                                    | 3                 | 7       |                                         |  |
| Modified Duty Cases                                | 2                 | 9       | 12.19                                   |  |
| Other Recordable Cases                             | 0                 | 12      |                                         |  |
| VEHICLE INCIDENTS                                  | 0                 | 15      | n/a                                     |  |

# Action Plan Issues Actions Targets City of Roseville, California





# 2013 Electric Public Benefits **Programs and Goals**

Marty Bailey Electric Retail Services Supervisor Roseville Electric

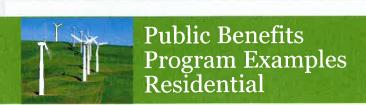


- California Law (AB 1890)
- Utility Revenue 2.85%
  - Energy Efficiency and Conservation Renewable Energy

  - Research and Demonstration
  - Programs for Low-Income Customers



- Utility Benefits
  - Reduces energy supply costs
  - Helps maintain low rates
- Utility Customers Benefits
  - Lower monthly bills
  - More discretionary income



- Cooling and Refrigerators
- Pool Pumps
- Lighting
- Shade Trees
- Energy Audits
- New Home Construction
- Low Income Assistance
- Solar Electric Generation



### Commercial Programs

- Cooling
- Lighting and Controls
- Motors
- Energy Audits
- New Construction
- Solar Electric Generation

City of Roseville, California



# Public Benefits 2013 Results

- Energy Efficiency Programs
  - Saved 6,133,165 kWh
  - Annual Usage ~ 600 Roseville Homes



- Solar Electric (PV) Programs
  - ■116 New Systems
  - Total of 1393 Systems
  - 2.5% of all Customers
  - Roseville Ranked Top 10 Nationally



- Low Income
  - 2150 Customers
  - Targeted Energy Efficiency

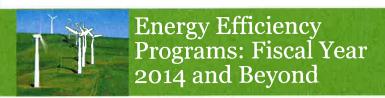


- Utility Exploration Center (UEC)
  - 38,000 Visitors
  - 5,500 K-8 Students
  - Utility (Roseville Electric & Environmental Utilities) Program Storefront
  - California Superintendent Award

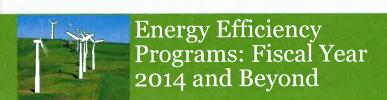


#### Goal vs Actual

- City Council 2013 Goal
  - Energy Reduction of 0.62%
- Achieved
  - Reduction of 0.51%



- Energy Savings Becoming More Difficult
- New Technology Provides Benefits
- More Expensive
- Customers Hesitant to Spend



- California Energy Efficiency Code
  - Increasingly Stringent
  - Restricts Ability to Claim Energy Savings
  - Fewer Projects Qualify



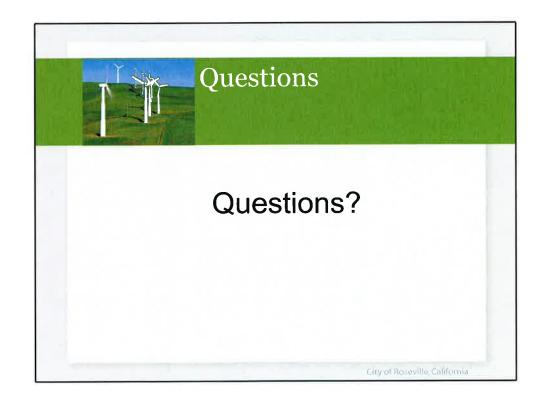
- Educational Programs
  - Home Energy Reports
  - Access to Data and Reports 24/7
  - Utility Exploration Center
- Direct Install Programs
- Energy Savings From Water Savings



- More Energy Efficiency Partnerships
  - At the Register RebatesLED Lights
  - Food Service Distributor Rebates
- California Energy Commission
  - Savings in Meeting Code



- Customer Solar (PV) Leases/Purchased Power Agreements
- Rebate Values Low and Declining
- Rebates End in 2016





# Energy Efficiency: Customer Educational Programs

Marty Bailey
Electric Retail Services Supervisor
March 25, 2014

City of Roseville, California



# Educational Programs

- Residential Home Energy Report
  - Energy Use Data
  - Energy Savings Ideas
  - Reports Mailed or Via Web
- Compares Energy Use to Others
- Customers May Opt Out
- Verifiable Energy Savings

