



# Joint Working Group Meeting

Monday, June 23, 2014

# Agenda



- I. Introduction**
- II. Update on Current Energy Efforts**
- III. Visioning and Next Steps**
- IV. Past and Current Working Groups**
- V. Looking Forward**
- VI. Next Steps**
- VII. How to Stay Informed**

# Introduction

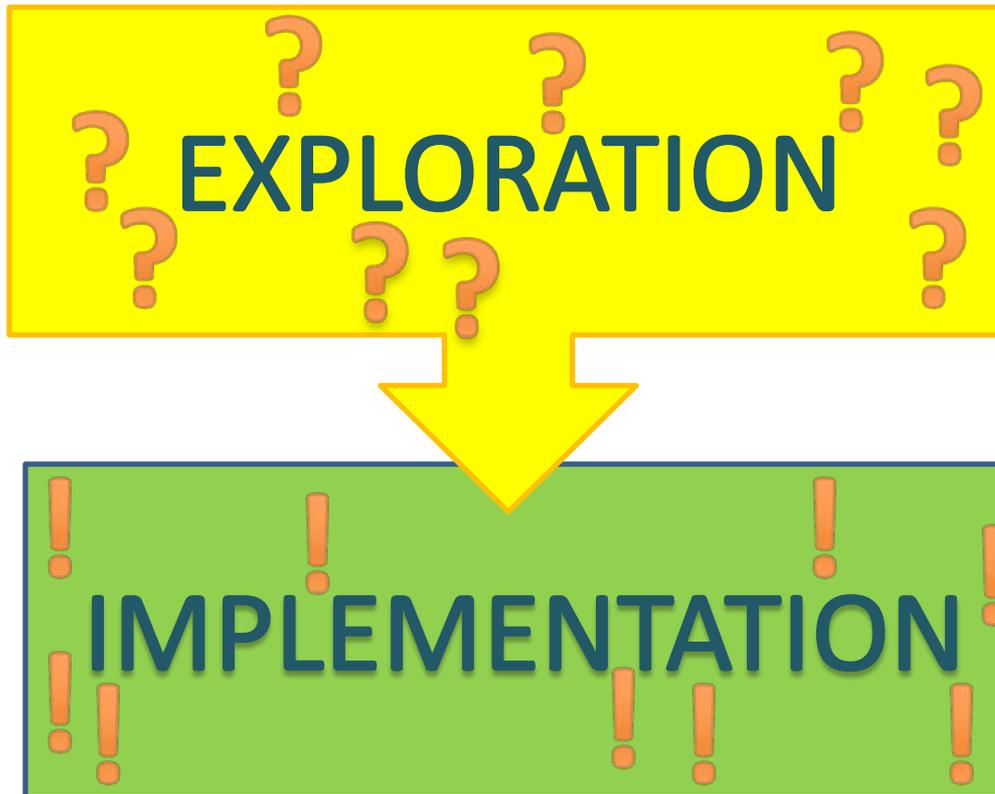
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LOCAL  
ENERGY**

reliable  
low-cost  
possible

[BoulderEnergyFuture.com](http://BoulderEnergyFuture.com)



# Visioning and Next Steps



# Visioning and Next Steps



## Refined goals for implementation:

- Position the city to safely, reliably and cost-effectively operate the electrical system
- Integrate the utility with the city organization
- Provide a seamless customer interface
- Manage legal, regulatory and technical issues, processes and requirements
- Proactively identify and mitigate risks

# Visioning and Next Steps



*We're developing a transition plan, or roadmap, for implementing a retail utility operation.*

## **Key Milestones:**

- Day 1 (3rd quarter 2016) – City funds local electric system & takes ownership of assets
- Day 2 (18-24 months after Day 1) – City completes separation from Xcel Energy & assumes full operation
- Post Day 2 – Transition to the utility of the future

# Visioning and Next Steps

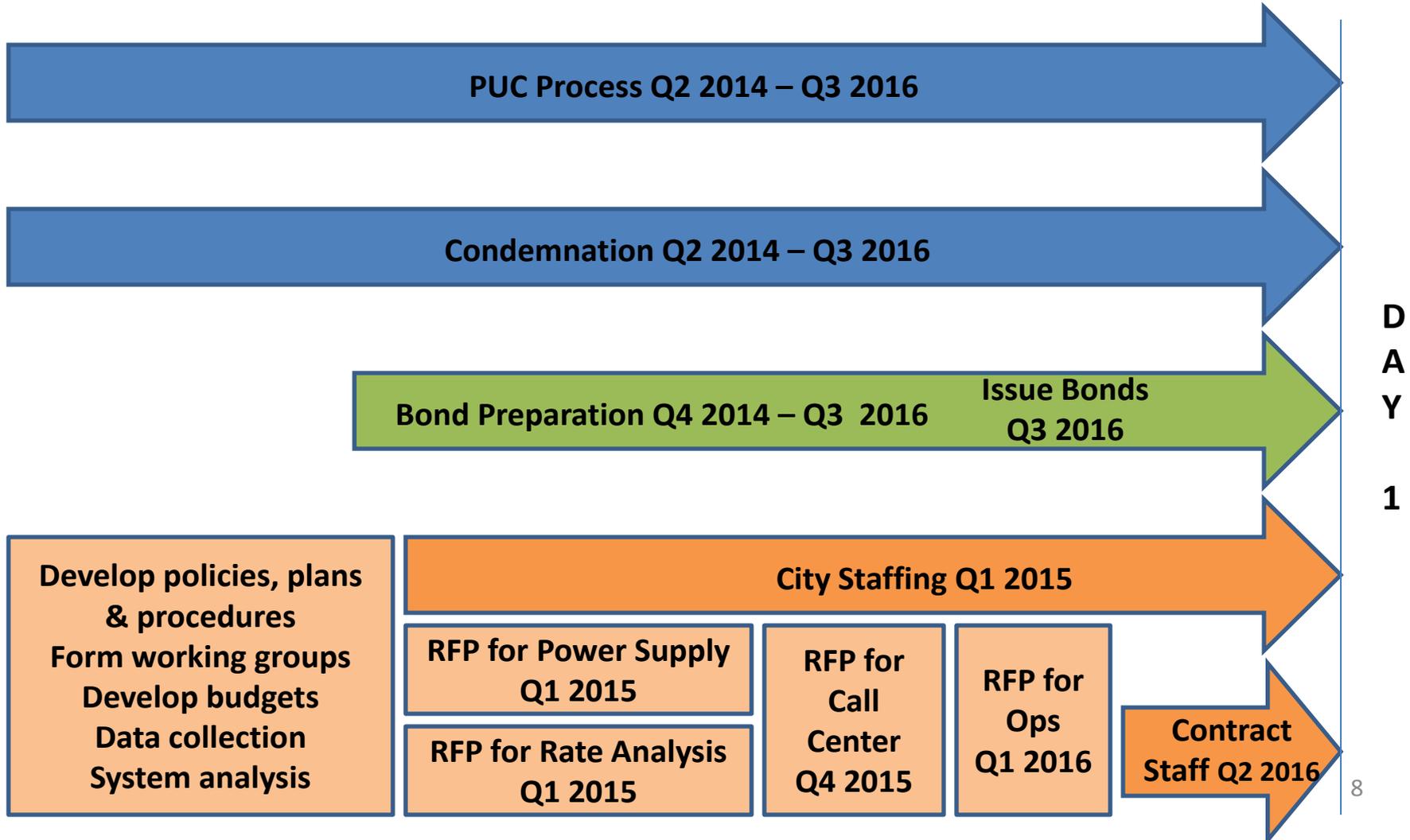


Legal and regulatory outcomes will determine which scenario will be implemented.

## **Areas of activity:**

- Condemnation
- PUC
- Federal Energy Regulatory Commission (FERC)

# Visioning and Next Steps



# Visioning and Next Steps

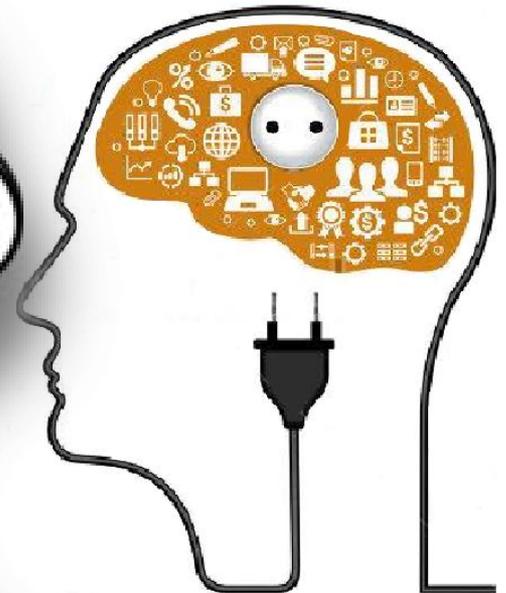


- Separation & Reintegration
- Legal & Regulatory
- Customer Service
- Planning & Engineering
- Construction, Operations & Maintenance
- Finance & Accounting
- Administrative
- Power Supply

# Visioning and Next Steps



***Can I charge my electric vehicle with solar?***

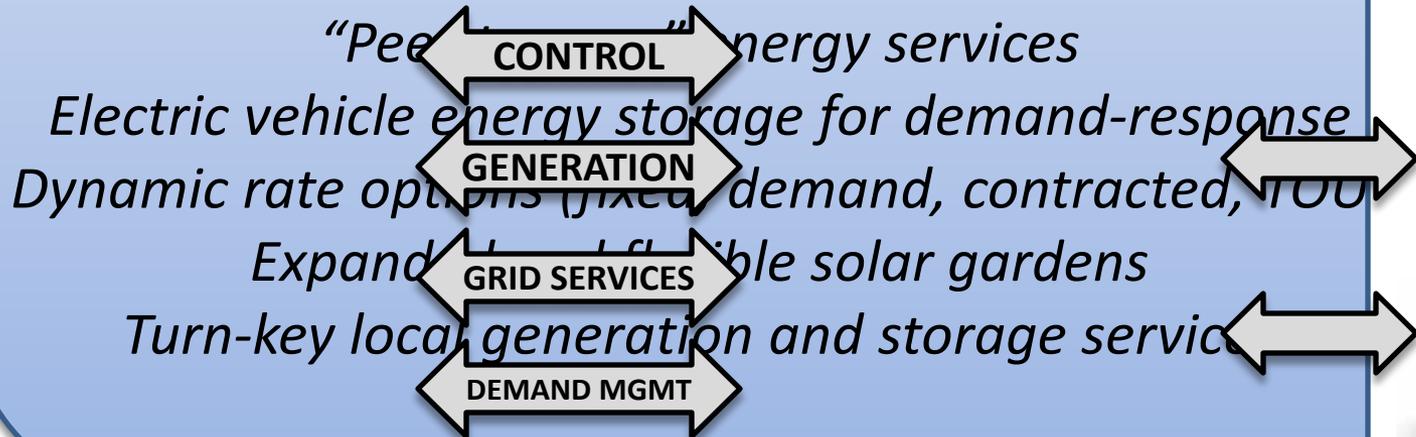


# ENERGY SERVICES MARKET

## “A platform for innovation”

- Entrepreneurial energy services
- 3<sup>rd</sup> party access
- Open to innovation and competition

### Examples of Innovations focus



### Customers



# Visioning and Next Steps

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We're looking to the future and need to integrate climate commitment with the Energy Future Project and Transition Plan.

## **Visioning**

1. Climate Commitment Integration
2. Community outreach and refinement

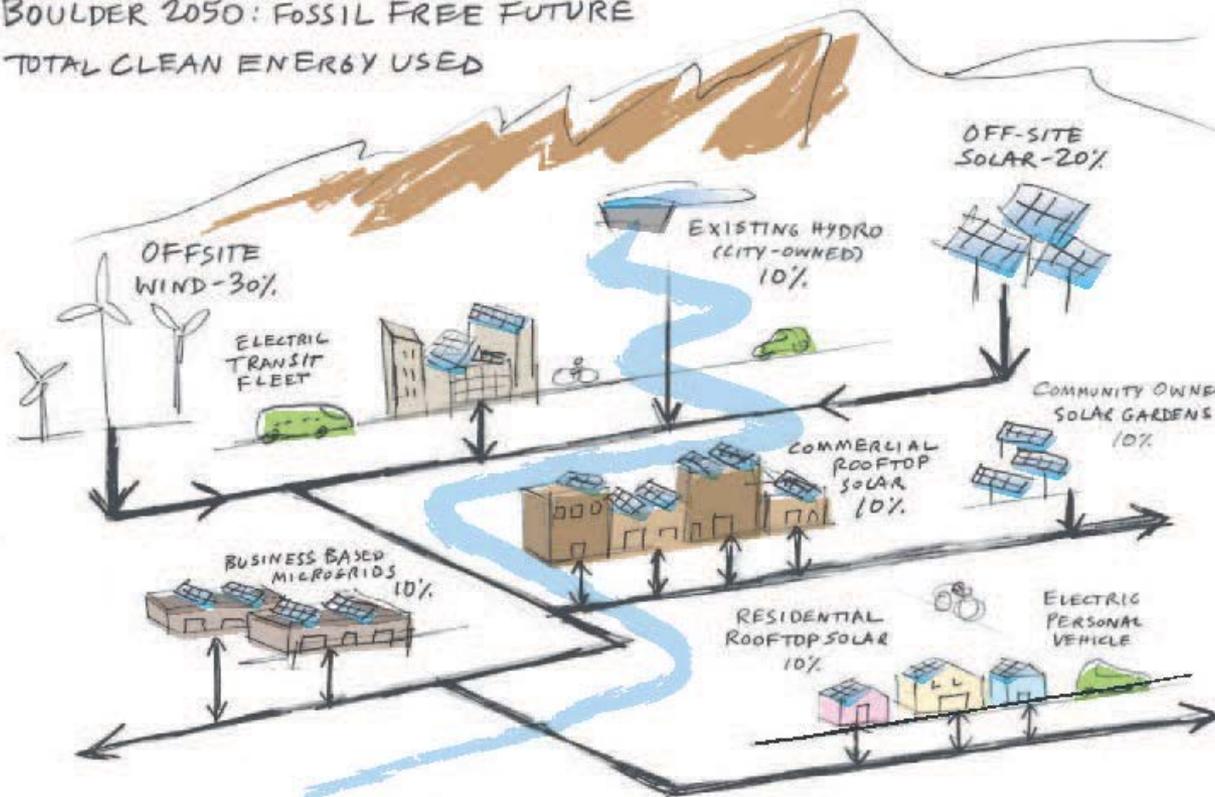
# The Vision: A Fossil Fuel Free Boulder

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reliable  
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possible

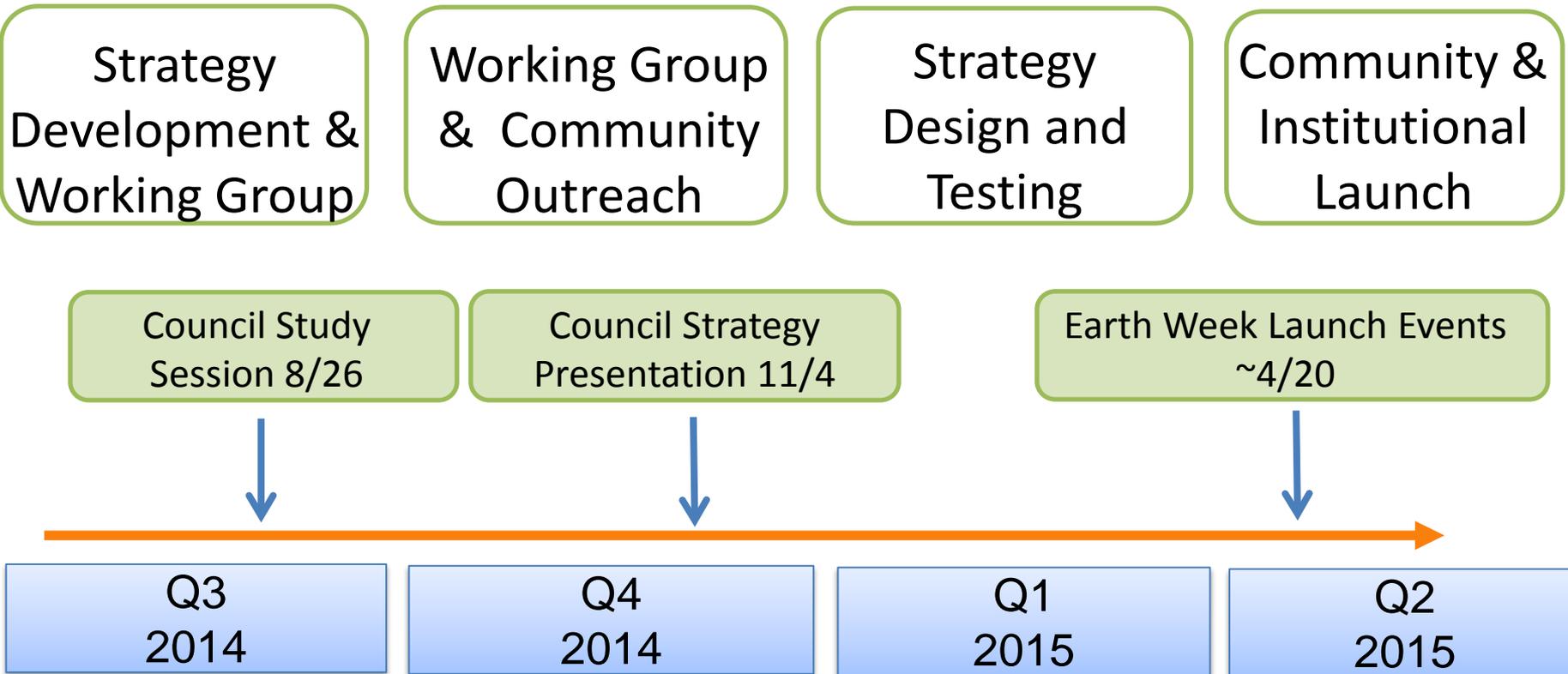
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BOULDER 2050: FOSSIL FREE FUTURE  
TOTAL CLEAN ENERGY USED



# Climate Commitment: Next Steps and Timeline



# Current and Past Working Groups



# Current and Past Working Groups



Working Group	Staff Facilitator
Clean Energy Tech Team	Jonathan Koehn
Communication	Sarah Huntley
Decision Analysis	Kelly Crandall
Financial	Yael Gichon
Governance	Carl Castillo
Natural Gas	Jonathan Koehn
Reliability	Bob Harberg
Resource Modeling	Jonathan Koehn
Solar	Yael Gichon & Kelly Crandall

# Current and Past Working Groups



1. What makes an effective working group?
2. What are some ways to improve the working group process?
3. Is Basecamp an effective way to coordinate working group communication? What are other ideas?

# Looking Forward



# Looking Forward



## Future Working Groups

Climate Commitment

Customer Service

Energy Resources

Energy Services

Governance

Rates and Bills

Reliability and Safety

# Climate Commitment



The Climate Commitment Working Group will provide feedback on:

- Reframing around the development of a fossil free economy by 2050 or sooner;
- Identifying short & long-term strategies for rapid transition in all major emission sectors;
- Identifying key barriers to implementation & ways to address/remove these barriers.

The group will form in June 2014 and meet monthly July-November. Input will be incorporated into a Council briefing in August of 2014 and a final plan review in November of 2014.

# Customer Service



The Customer Service Working Group will explore topics including:

- Responsiveness to inquiries and concerns,
- Streamlined, easy-to-use billing and usage,
- Best practices in customer service,
- A clear protocol for responding to outages and emergency situations, and
- Other key services.

The group will likely have six to 10 members and will likely meet every other week for about two to three months, starting in the fourth quarter of 2014 or early 2015.

# Energy Resources



The Energy Resources Working Group will assist the team by evaluating options related to Boulder's resource portfolio.

Examples of specific topics include:

- Review of key RFI and RFPs,
- Evaluation of consultant reports on local generation,
- Identification of criteria for selecting resources,
- Analysis of availability of wholesale resources, and
- Integration of recommendations from other working groups, e.g. solar and natural gas.

The working group will likely meet every two to three months beginning October 2014 and ending in early 2016.

# Energy Services



The Energy Services Working Group will likely:

- Identify customer needs such as efficiency, conservation, and reliability,
- Identify and review energy services that exist today for the city and for Xcel ratepayers,
- Identify energy services to offer on “day 1” and how to get there (contracts, limited pilots, etc.),
- Research best practices for providing energy services.

The group will likely meet every 2-3 months beginning the fourth quarter of 2014 through 2016.

# Governance



Earlier this year, council authorized reconvening the Governance Working Group to discuss issues pertinent to the formation of a utility advisory board, including:

- Advisory board appointment process
- Advisory board term limits
- Delegation of powers to advisory board
- Advisory board/staff relationship

The city anticipates issues related to serving customers outside city limits will be resolved by late 2014 or early 2015, and the Governance Working Group will be reconvened at that time.

# Rates & Bills



The Rates & Bills Working Group will likely:

- Identify goals for the ratemaking process (transparency, ease of understanding, etc.),
- Research best practices for customer bill offerings,
- Review the ratemaking structure(s) for “day 1” and beyond,
- Research best practices associated with “unique” tariffs (like PV, electric vehicles, storage).

The group will likely meet every 2-3 months beginning the fourth quarter of 2014 through 2016.

# Reliability & Safety



The Reliability and Safety Working Group will address topics including:

- Reliability –resilience, quality of service, mutual aid agreements and emergency response planning
- Safety – safety considerations as informed by the recommendations and programs of APPA, OSHA and other industry organizations and regulatory agencies.

It is anticipated the Reliability & Safety working group will meet once every 2-3 months beginning in October 2014 and ending in early 2016.

# Next Steps



- Express interest in working group(s) tonight,
- Express interest by using our online feedback form, email, or by phone,
- Refine scope and schedules for working groups
- We will be in touch when we begin to form the working groups and will consider members based on interest, relevant skills, knowledge, and diversity.

# Discussion and Stay Informed



**Follow along at [www.BoulderEnergyFuture.com](http://www.BoulderEnergyFuture.com)**

- Sign up for E-News updates and newsletter
- Use online comment form for questions, feedback or suggestions

**Send an email to staff team**

- [energyfuture@bouldercolorado.gov](mailto:energyfuture@bouldercolorado.gov)

**Contact Heather Bailey with questions/comments**

- [BaileyH@BoulderColorado.gov](mailto:BaileyH@BoulderColorado.gov) or 303-441-1923