

# Boulder's Energy Future

## CLEAN LOCAL ENERGY

low-cost. reliable. possible.

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Update on Boulder Energy Future Project

April 9 2014



# Agenda



- I. What has happened since August**
- II. The Utility of the Future**
- II. Energy Services**
- III. What's Ahead**

# What has happened since August



- August 2013 Council authorized condemnation
- Election resulted in additional charter requirements
- Since December 2013, staff has been:
  - Working with a consultant to develop transition work plan
  - Preparing for condemnation/sent Xcel the notice of intent to acquire the system

# What has happened since August



- Addressing the Boulder Docket – Xcel’s proposal to limit services to city customers
- Appealing the PUC decision on jurisdictional authority
- Addressing solar issues through a solar working group
- Evaluating natural gas fracking concerns with respect to future power sources
- Developing Energy Services plan to present to council

# The Utility of the Future



## It's about Decarbonization, Decentralization, and Democratization of our Electricity Services



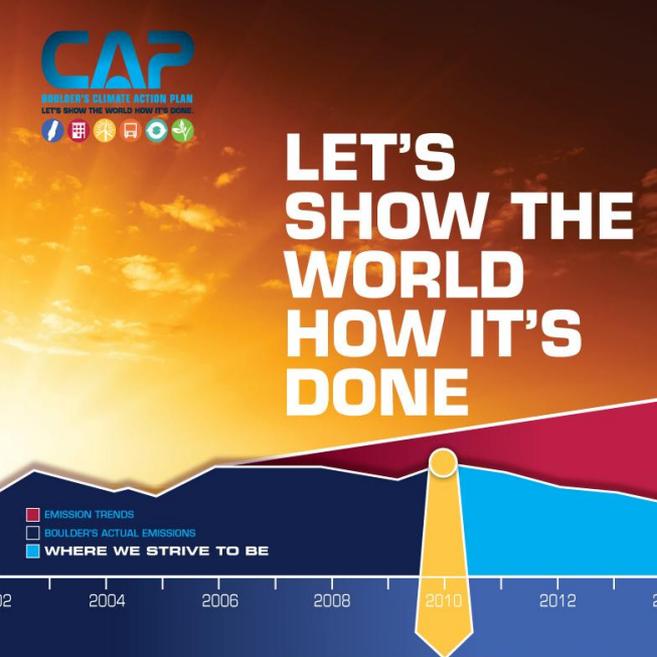
### WHAT DO 10 METRIC TONS OF EMISSIONS LOOK LIKE?

LIKE A MONSTROUS AMOUNT OF REDUCED ENERGY USE.

Boulder's Climate Action Plan (CAP), which was voter approved in 2009, is an integrated, aggressive set of programs and strategies to reduce Boulder's greenhouse gas emissions and address the growing impact of human activity on global climate change.

**CAP**  
BOULDER'S CLIMATE ACTION PLAN  
LET'S SHOW THE WORLD HOW IT'S DONE.

CHOOSE TO START AND DO YOUR PART TO HELP REDUCE EMISSIONS IN BOULDER.  
READ ALL ABOUT CLIMATE ACTION IN BOULDER: [www.bouldercolorado.gov/climateaction](http://www.bouldercolorado.gov/climateaction)



### LET'S SHOW THE WORLD HOW IT'S DONE

EMISSION TRENDS  
BOULDER'S ACTUAL EMISSIONS  
WHERE WE STRIVE TO BE

2002 2004 2006 2008 2010 2012 2014

### IT WILL TAKE ALL OF US TO CONTINUE REDUCING EMISSIONS

“ Boulder's Climate Action Plan has helped avoid nearly 85,000 metric tons of CO<sub>2</sub> emissions. In 2010, Boulder's efforts put us in a small group of American cities that have managed to stabilize or decrease emissions. ”



### WHAT DOES SAYING FAREWELL TO FOSSIL FUELS LOOK LIKE?

IT LOOKS LIKE SOLAR AND WIND POWER, WHICH TAKE US ONE STEP CLOSER TO A WORLD WITHOUT COAL-FIRED POWER PLANTS.

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# The Utility of the Future



## A Vision for the **Utility of the Future**:

- Stable, Safe and Reliable
- Customer Centric – Service vs. Commodity
- Promote local economic vitality
- Universal
- Flexible
- Increasingly sustainable, resilient, & carbon free
- Stable and predictable rates

# The Utility of the Future



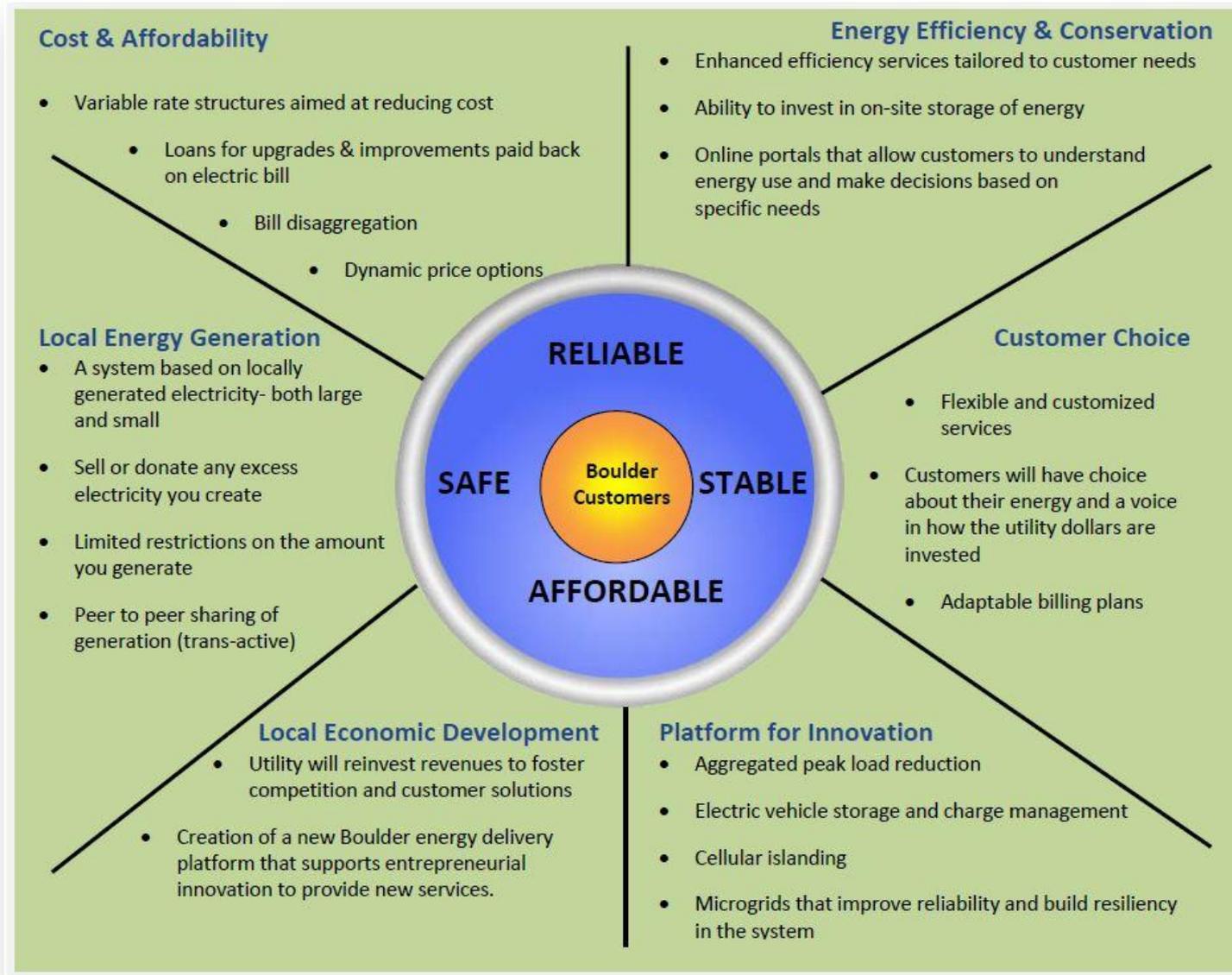
Times have changed . . .



For the better!



# The Utility of the Future



# What Should Change – The Business Model



- Pricing shift to a service based model
- Continue to provide pricing signals to incent energy efficiency
- Flexible pricing and services
- Move away from returns based on large capital investments
- Insure fair recovery of utility T&D infrastructure

# Where We Are Going



## **Insuring we have a safe reliable utility on day 1:**

- Utility formation ordinance so we can finance the project
- Planning for operations, power supply, customer services, etc.
- Transition plan will be presented to council May 13 (draft)
- Forming working groups to help us implement

# Where We Are Going



## Providing the flexibility to create new services:

- Welcoming local innovations
- Test bed for new services
- Community engagement in the vision
- Developing the revenue and business model of the future
- Insuring we do not create barriers to our long term vision

# Next Steps



- Proceeding with legal steps
- Developing Energy Services (April 29 Council Study Session)
- Developing Transition Plan (May 13 draft to council)
- Continuing public engagement & outreach around Utility of the Future vision and transition plan
- Open to working with Xcel on a potential partnership

# Stay Informed



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

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Contact Heather Bailey with questions/comments

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