



Boulder's Energy Future

Utility Transition Planning - Moving from
Analysis to Implementation

October 16, 2014

Vision – Utility of the Future



“The Utility of the Future connects the wants, needs and desires of the user with the core values of the community in the most efficient and sustainable way possible.”

How can Boulder -

- Increase renewable resources and reduce carbon emissions?
- Focus on customer choice & treat energy as a service, not a commodity?
- Become a hub of innovation and technological advances?
- Change the business model to reflect the values & economics of the 21st century?



How do we get there?

The Transition Work Plan



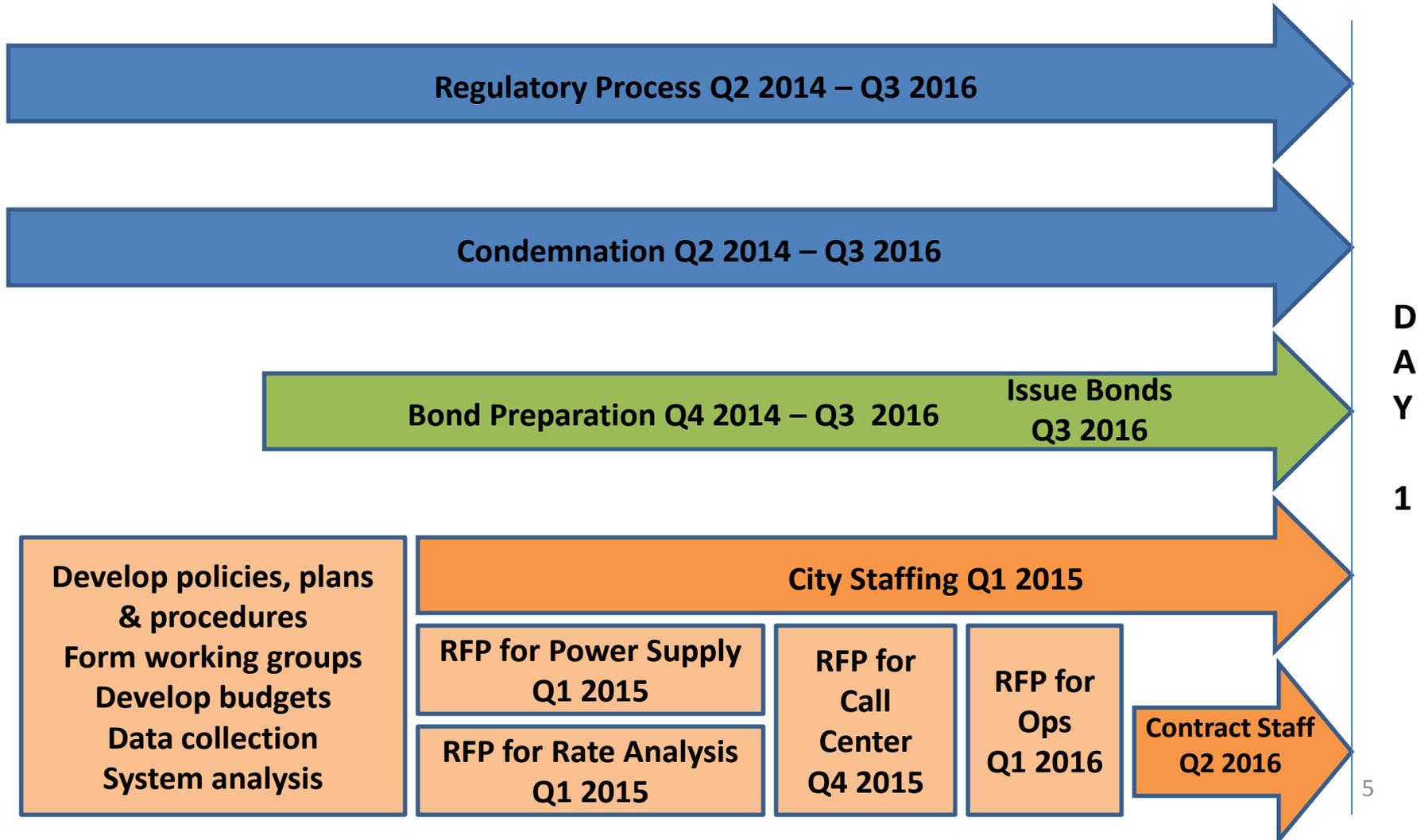
- Implementation work steps for a new electric utility
- Integrates with and advances the rest of the city organization
- Consistent with our vision and values

Outcome of Transition Plan



- Ensure the city is ready
- Create a utility organization that embodies best practices and leverages city strengths, recognizing when to seek outside expertise
- Establish the necessary framework for the utility of the future

Key Milestones and Schedule



Challenges



- **Scenario A** – Coordination with Xcel allows for gradual transition process through Day 2
- **Scenario B** – City assumes full operational and power supply responsibility on Day 1

Schedule Has Uncertainty



- Legal and regulatory outcomes will determine which scenario will be implemented
- Transition plan will need to be flexible to adapt to a mix of outcomes and learnings

Functional Work Teams



- Construction Operations & Maintenance
- Customer Experience
- Energy Services
- Planning and Engineering
- Power Supply and Delivery
- Support Services
- Finance and Accounting

How You Can Help – We Need Smart Creative People!



Gaps

- Engineering
- Customer service
- Support services
- Accounting
- People who know city processes

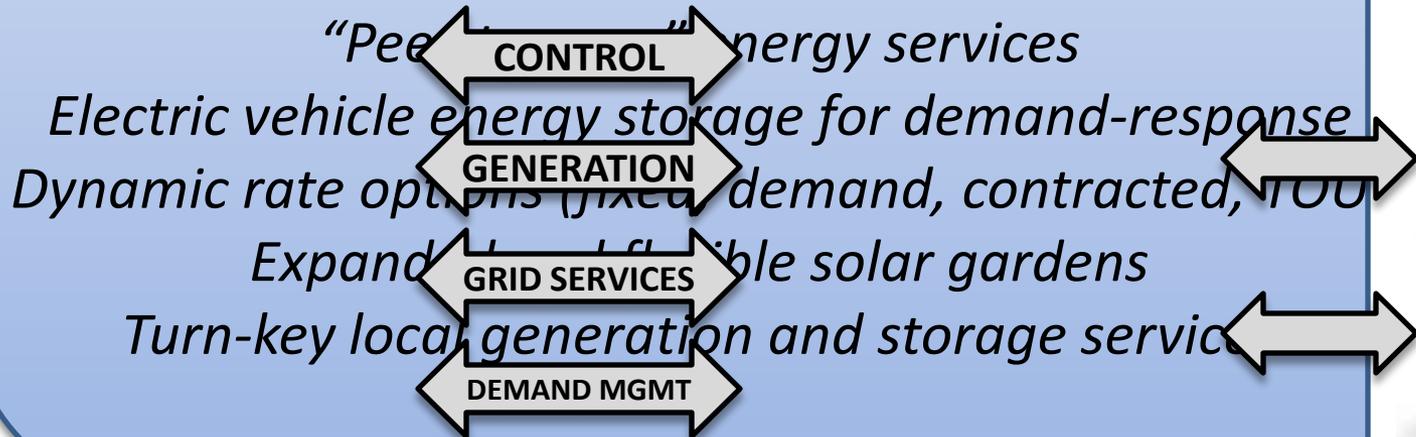
∞ The end ∞

ENERGY SERVICES MARKET

“A platform for innovation”

- Entrepreneurial energy services
- 3rd party access
- Open to innovation and competition

Examples of Innovations focus



Customers



Power Flow

Vision – Utility of the Future



Can I charge my electric vehicle with solar?

