



Boulder Energy Future

Update on Municipalization

April 1, 2015

Agenda



- I. **Court decisions and impacts**
 - A. FERC
 - B. PUC
 - C. District Court
- II. **What's changing?**
- III. **What are we doing now?**
- IV. **Other projects in the works**
- V. **Our vision**
- VI. **Questions and comments**



Court Decisions



Federal Energy Regulatory Committee (FERC)

- Two decisions that were positive outcomes
- Response to our filing that taking all or part of our power from Xcel for a period of time would mitigate our stranded cost obligation
- Response to Xcel filing that we would need to ultimately file something at FERC on acquisition of Xcel assets.



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Court Decisions



Colorado Public Utilities Commission (PUC)

- Commission has authority to determine how we separate from Xcel and we must file prior to filing condemnation, we appealed but District court agreed with PUC
- Biggest issue is how out-of-city customers are impacted if we take assets or customers outside of Boulder city
 - Customers continue to have safe, reliable power
 - Our plan is to keep things the same



Court Decisions



What this means for municipalization

- None of these kill municipalization
- We are doing the things we had in our plan but in a different order
- PUC process will provide clarity in the separation and whether we can afford it
- PUC can bring parties to table to work out issues
- This will inform what we file in condemnation and the ultimate cost of acquisition



What's changing?

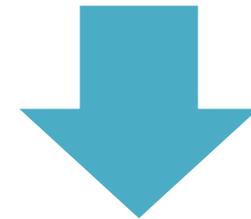


**The energy utility market is changing.
This shift is necessary and inevitable.**

Causes include:

- Changing needs and demographics
- Deregulation and competition
- Technology
- Public pressure

**Current Business
Model**



**Desired Business
Model**

What's changing? – The Utility of the Future



Moving to the Utility of the Future

Focus on **services** instead of kWh sales

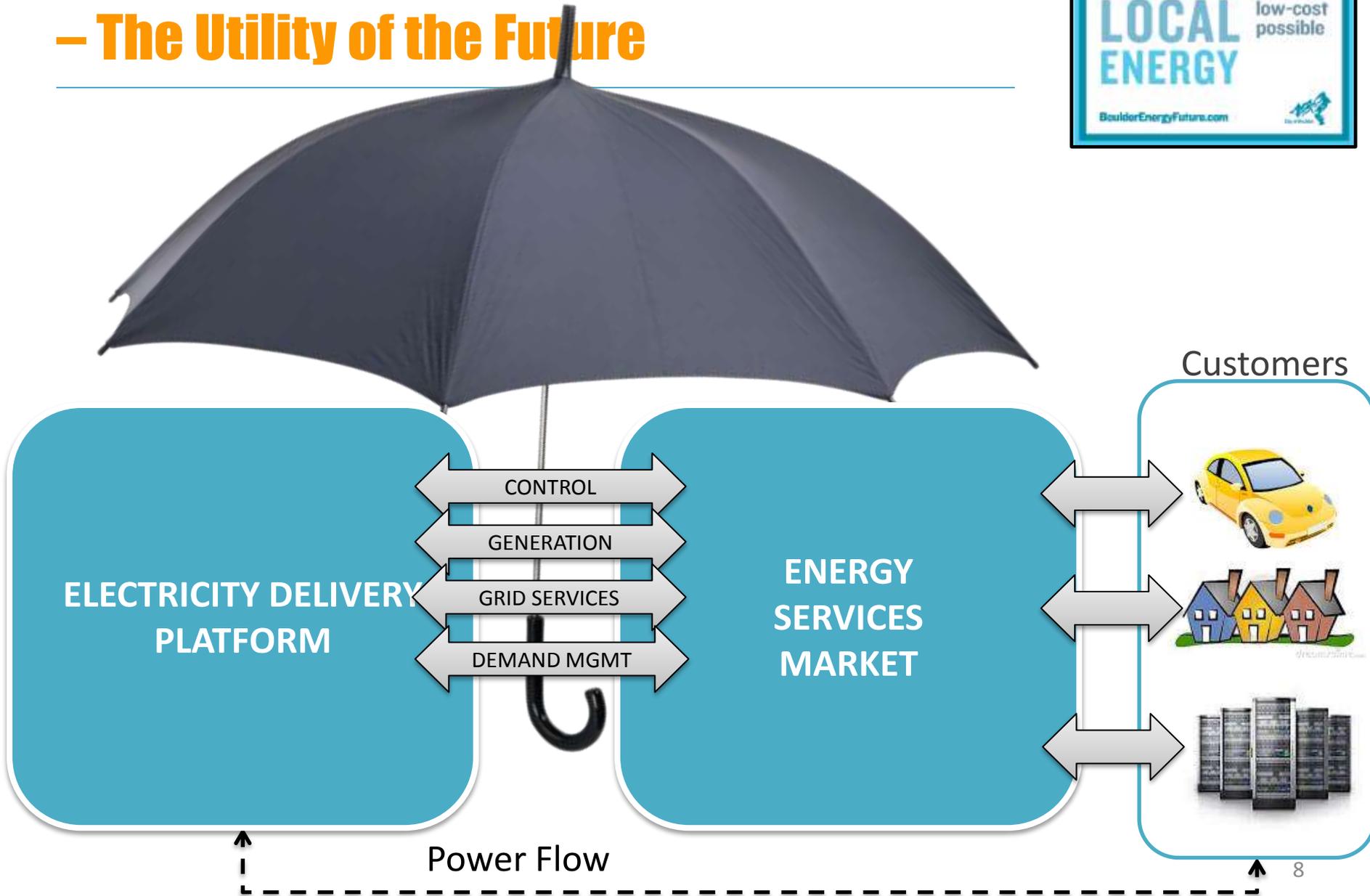
Increase access to **distributed generation** (DG)

Improve **demand-side management** (DSM)

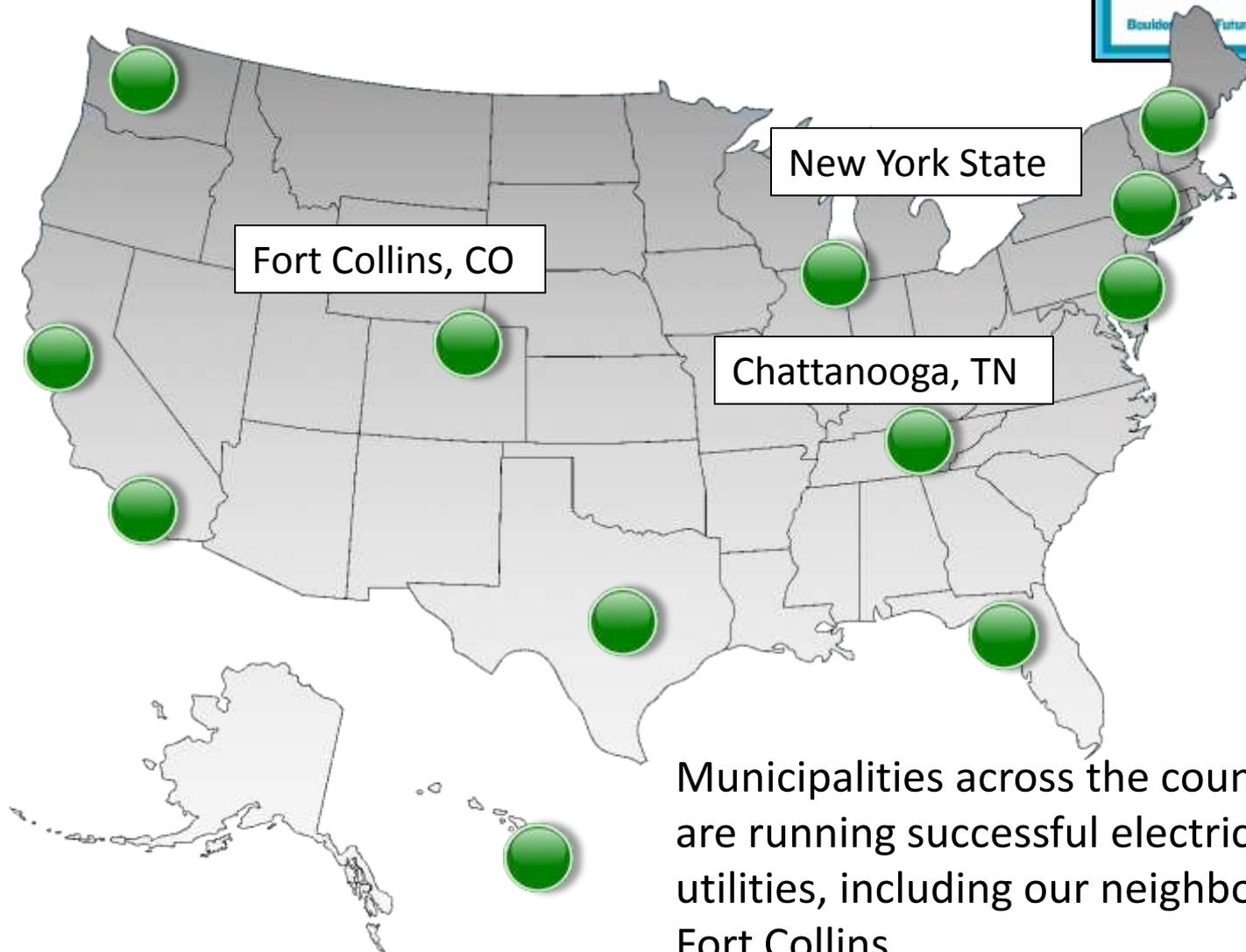
Identify more **low-carbon** solutions

Use more **renewable** energy sources

What's changing? – The Utility of the Future



What's changing? – Case Studies



Municipalities across the country are running successful electric utilities, including our neighbor Fort Collins.

What's changing?

– Case Studies



New York State – Reforming Energy Vision (REV)

- Creates a marketplace for buying and selling distributed energy
- Give customers more choice, control, and value in their energy usage for each dollar spent
- Incentivize utilities to focus on system and capital efficiency

Chattanooga, TN – Fiber-optic Network

- Fiber optic network as test bed for electric vehicles
- Invited entrepreneurs to access data and implement new strategies and programs
- Grid is likely to provide the city \$300M in economic benefits over 10 years

What's changing?

– Case Studies



Fort Collins, CO – Energy Engage Mobile

- First utility to provide Energy Engage Mobile to meet energy efficiency and customer satisfaction goals.
- With detailed usage and pricing data, customers will better understand their consumption and be empowered to make better energy and water usage decisions.



What are we doing now?



- Boulder Community Power Partnership
- Boulder Energy Challenge
- Solar Capacity study with NREL
- Working Groups (energy services, resources)
- Community visioning
- USDN grants for microgrids, district heating & visioning

Other Projects in the Works



Transition Plan

- RFQ for operator
- Working on reliability policies
- Customer service
- Resource planning

Energy Services

- Focusing on the short term
- Example: Microgrids and local generation
- Boulder Energy Challenge
- Customer access to data



Our Vision



Decentralize
Democratize
Decarbonize



Get Involved!



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Send an email to the staff team at

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