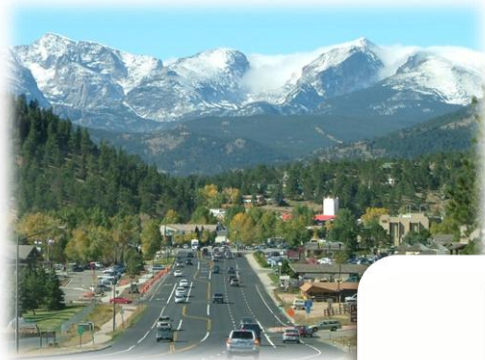


Estes Park



Longmont



Fort Collins



Loveland



Platte River Power Authority Overview

City of Fort Collins

Climate Action Plan Citizen Advisory Committee

June 12, 2014

Platte River Power Authority History

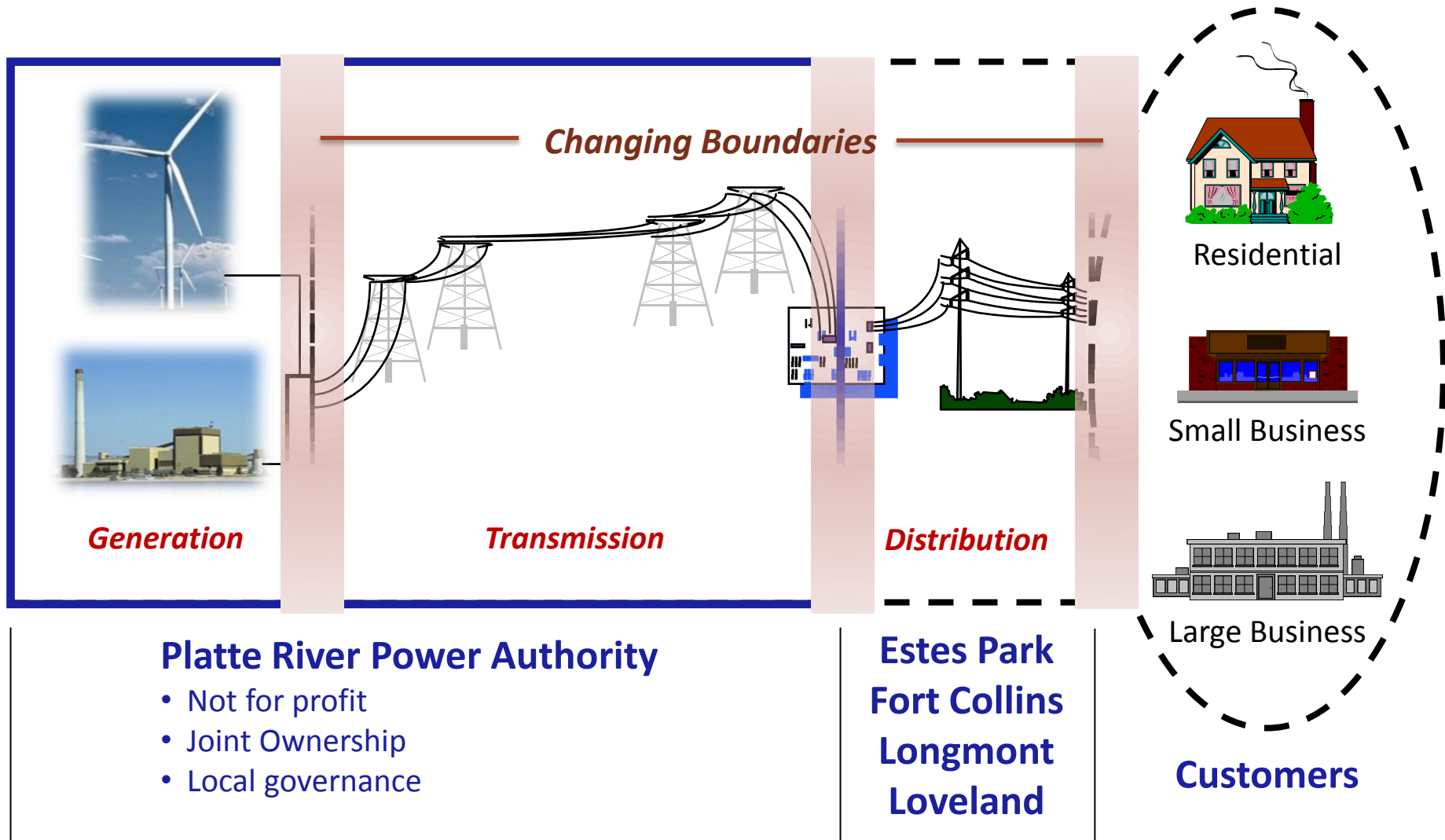
- We exist to serve the needs of our member/owner communities –



- Formed in 1973 in response to a U.S. Bureau of Reclamation announcement that it would be unable to supply enough hydropower to meet cities' future need
- Contracts executed with each of the cities and among the cities – ***term to 2050***



Local Electric System Partnership



Current Board Members

Platte River Board of Directors

Estes Park

Mayor Bill Pinkham



Mr. Reuben Bergsten



Fort Collins

Mayor Karen Weitkunat



Mr. Gerry Horak



Longmont

Mayor Dennis Coombs



Mr. Tom Roiniotis



Loveland

Mayor Cecil Gutierrez



Mr. Steve Adams



Local Decision Making

Existing Wholesale Resources



Rawhide Coal



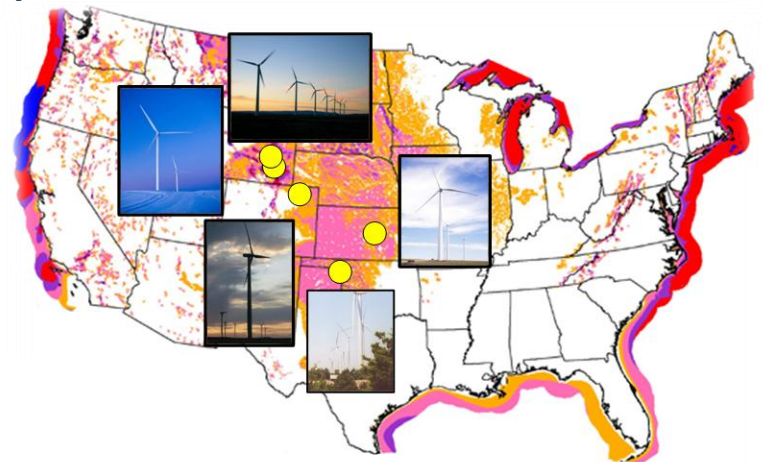
**Hydropower
(multiple sites)**



Craig Coal

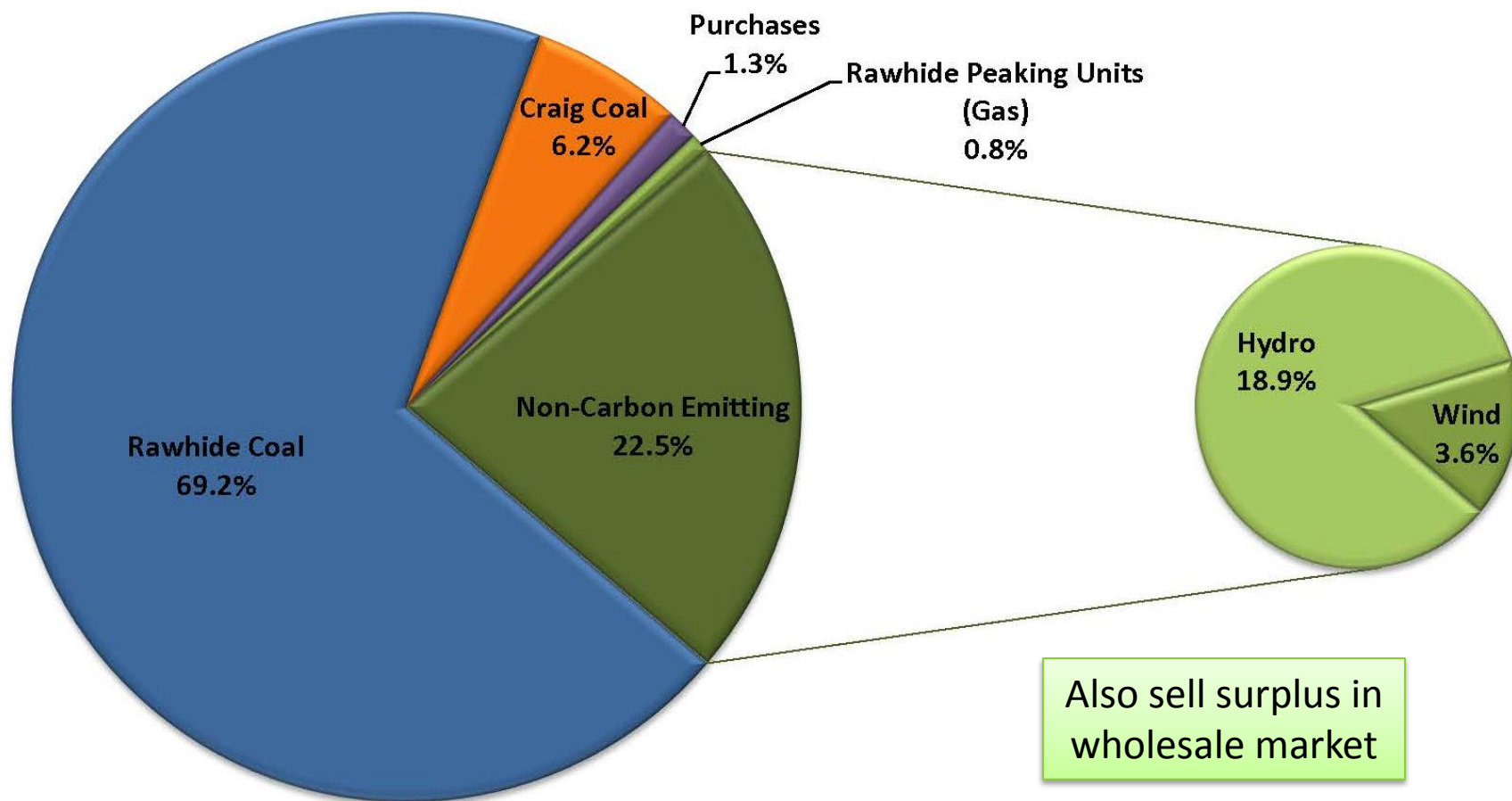


Rawhide Gas (simple cycle)



Wind (multiple sites)

Overall Energy Resource Mix – 2013



Electric Energy Consumed – All Four Municipalities

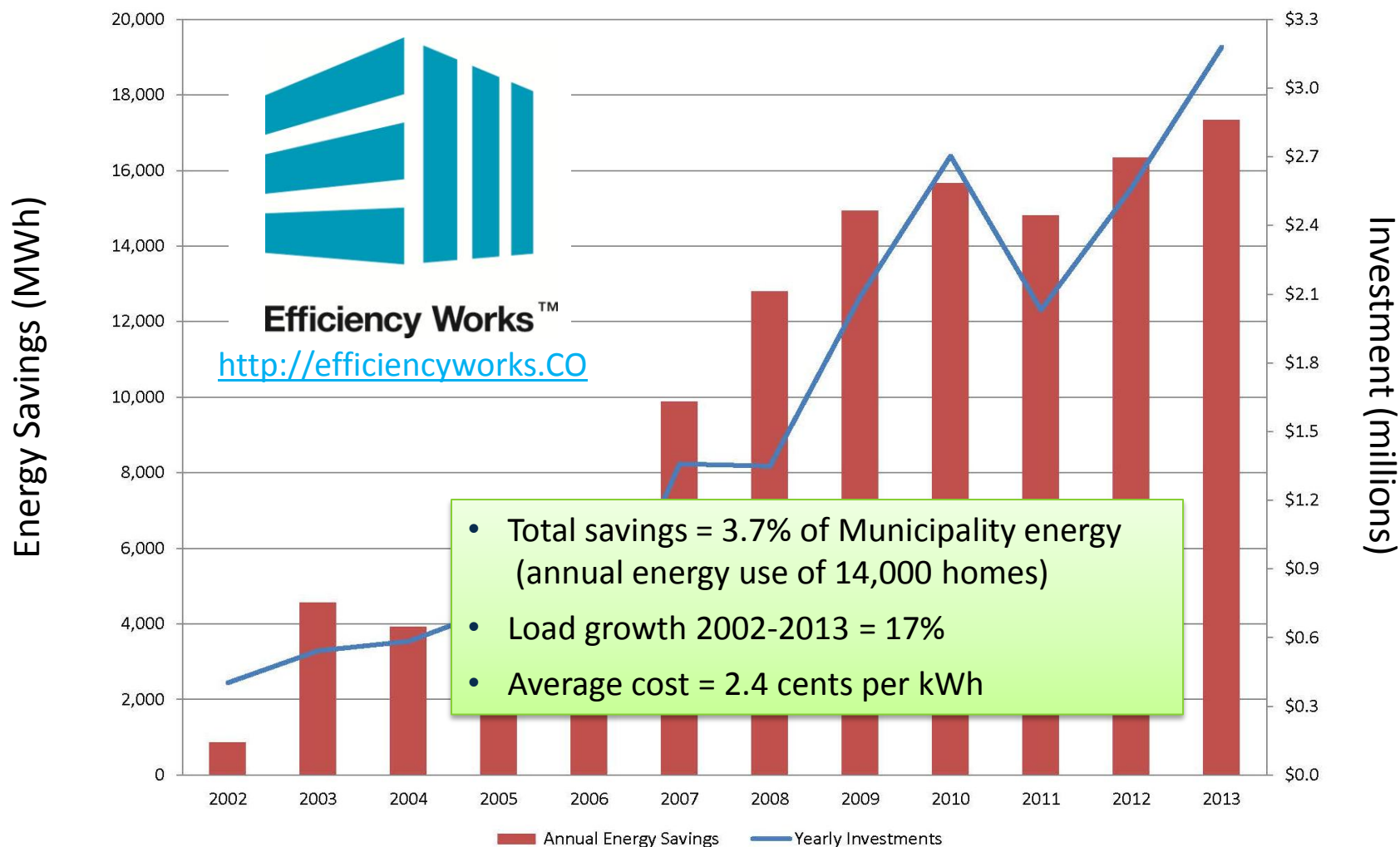
New Wind Resource – Fall 2014



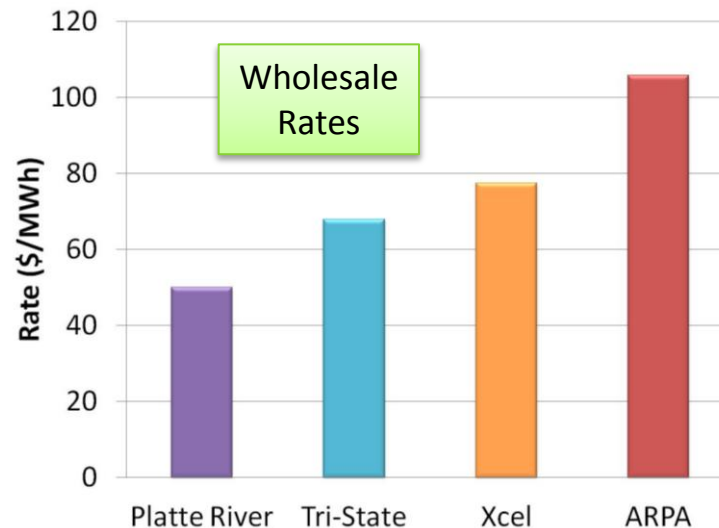
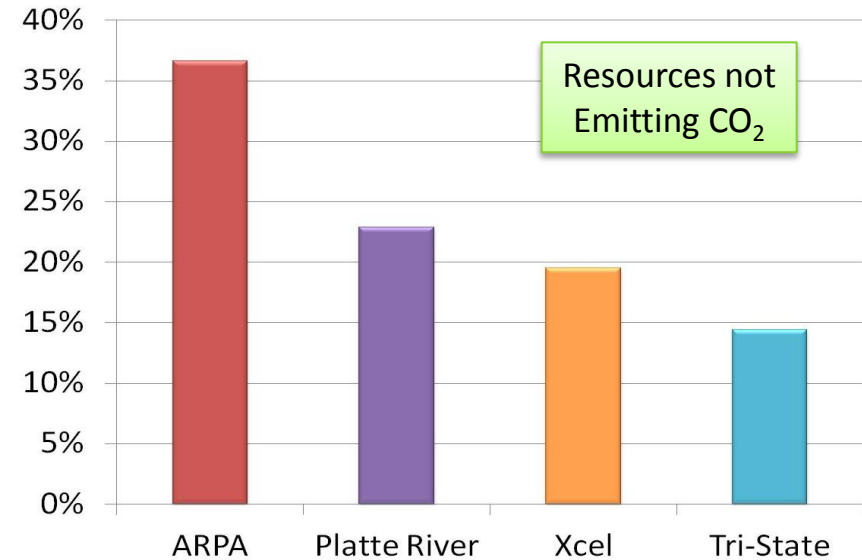
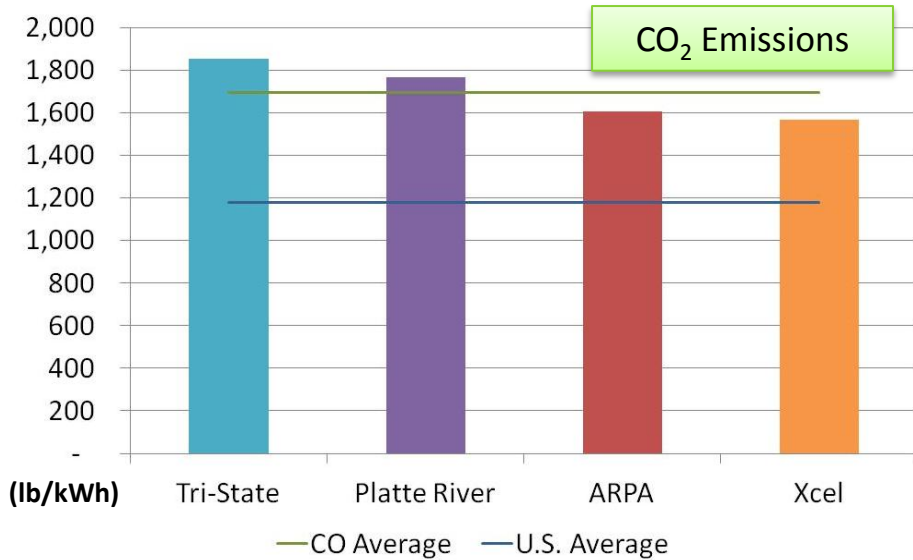
Spring Canyon Wind Project



Demand Side Management Resources



Benchmarking

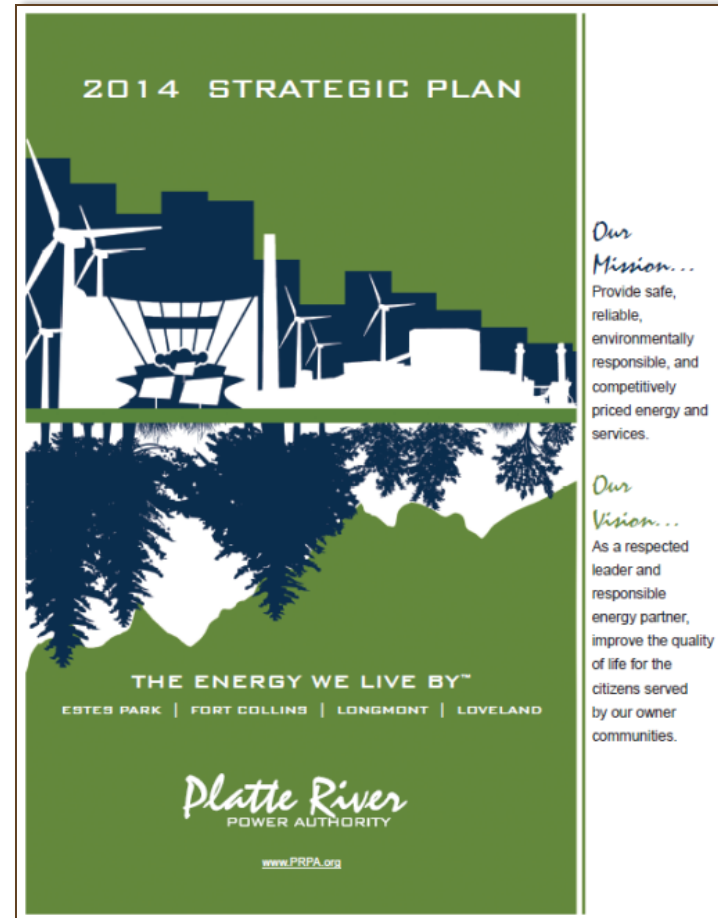


Platte River's Strategic Plan

Approved by Board of Directors
December 2013

Supporting Plans:

- 2012 Integrated Resource Plan –
<http://www.prpa.org>
- 2009 Climate Action Plan –
<http://www.prpa.org/sources/climate-action-plan/>



http://www.prpa.org/wp-content/uploads/2014/02/PRPA_SP14_Web.pdf

Strategic Initiatives



Why Diversify?

- Reduce emissions
- Lower risk of effects from new legislation/regulation
- Increase fuel supply flexibility
- Improve resource optimization to serve Municipal loads
- Reduce financial risks
- Integrate more renewable energy
- Participate in new electricity markets
- Support preferences of the Municipalities



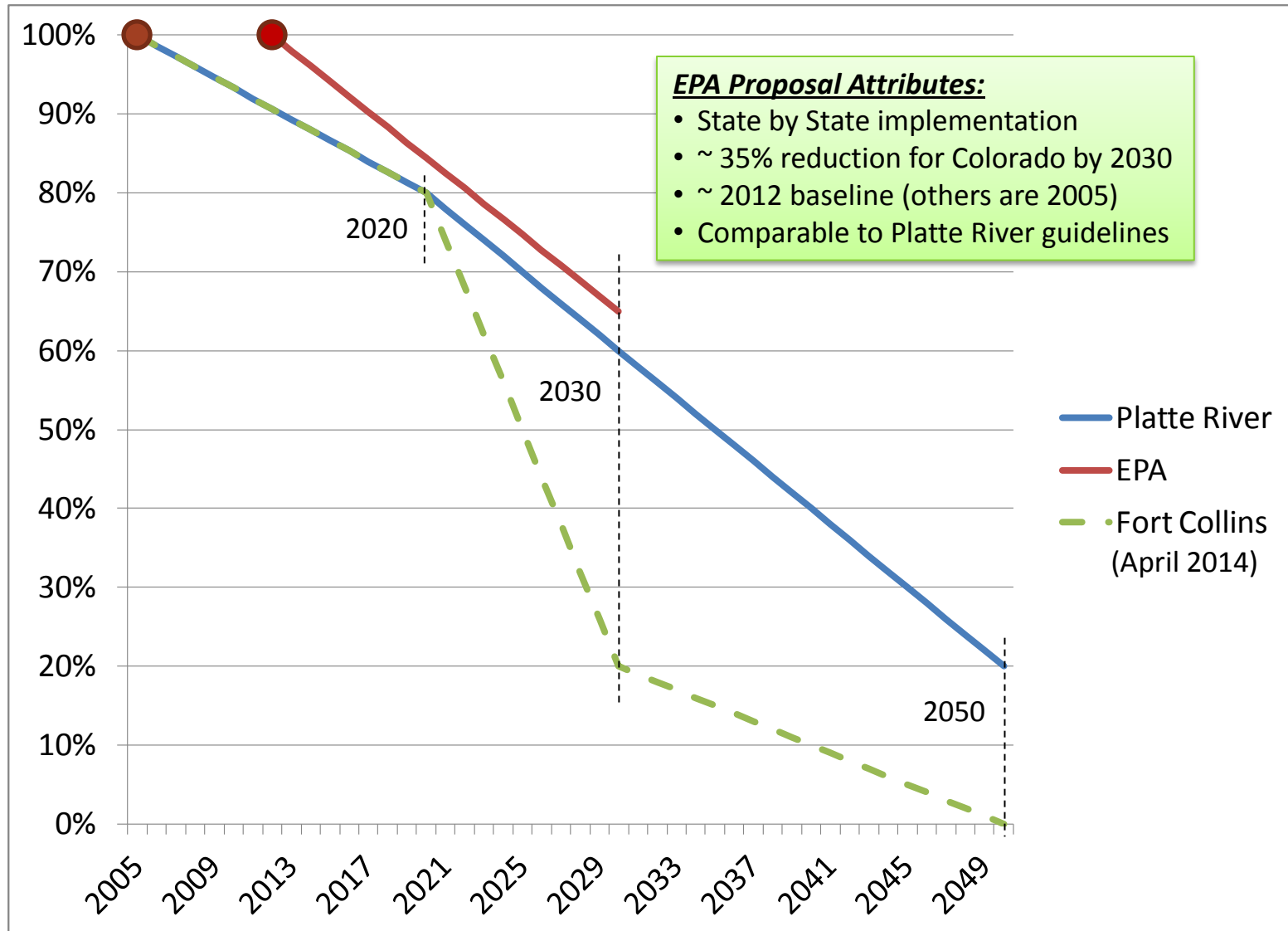
Diversify Energy Supply Portfolio

STRATEGIC PLAN DIRECTIVES/GOALS:

- Investigate options to reduce our carbon footprint:
 - ✓ CO₂ emissions – 20% reduction by 2020 as a guideline (80% by 2050)
- Study expanded use of renewable resources:
 - ✓ Colorado Standard (qualified sources) – 20% by 2020 as a guideline
- Evaluate natural gas combined cycle generation:
 - ✓ Fuel diversity/reduced emissions/renewable source integration
- Analyze benefits & costs of more distributed resources

Maintain position as lowest cost wholesale supplier in Colorado

Greenhouse Gas Reduction Guidelines



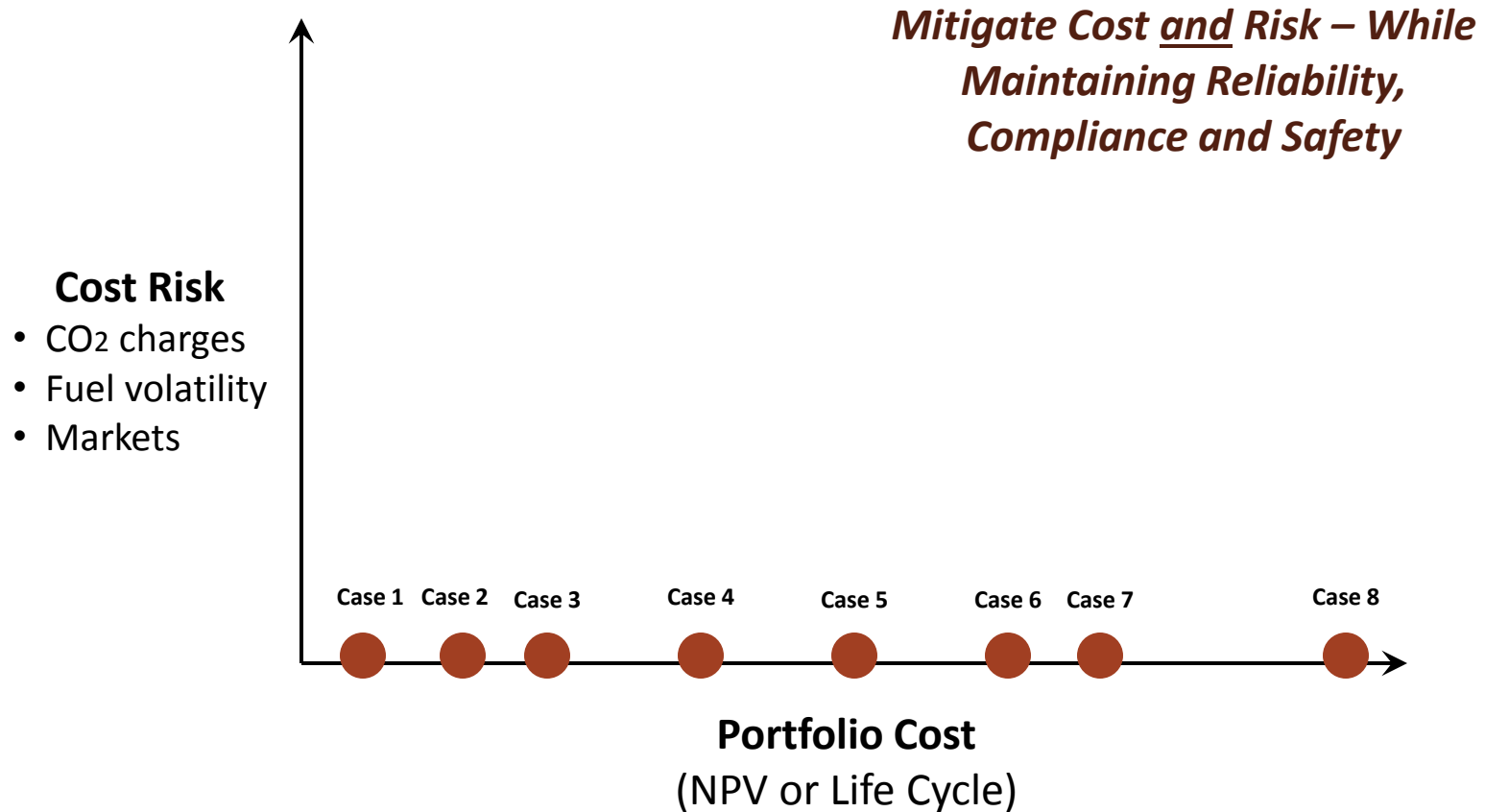
Analysis for the City of Fort Collins

- Council approved Resolution 2014-028 on April 1, 2014
- Platte River is partnering with Fort Collins Utilities to develop a set of electricity resource planning scenarios to support Fort Collins' Climate Action Plan
- An Intergovernmental Agreement was approved June 3, 2014
- Project plan (charter) is being developed to clarify details

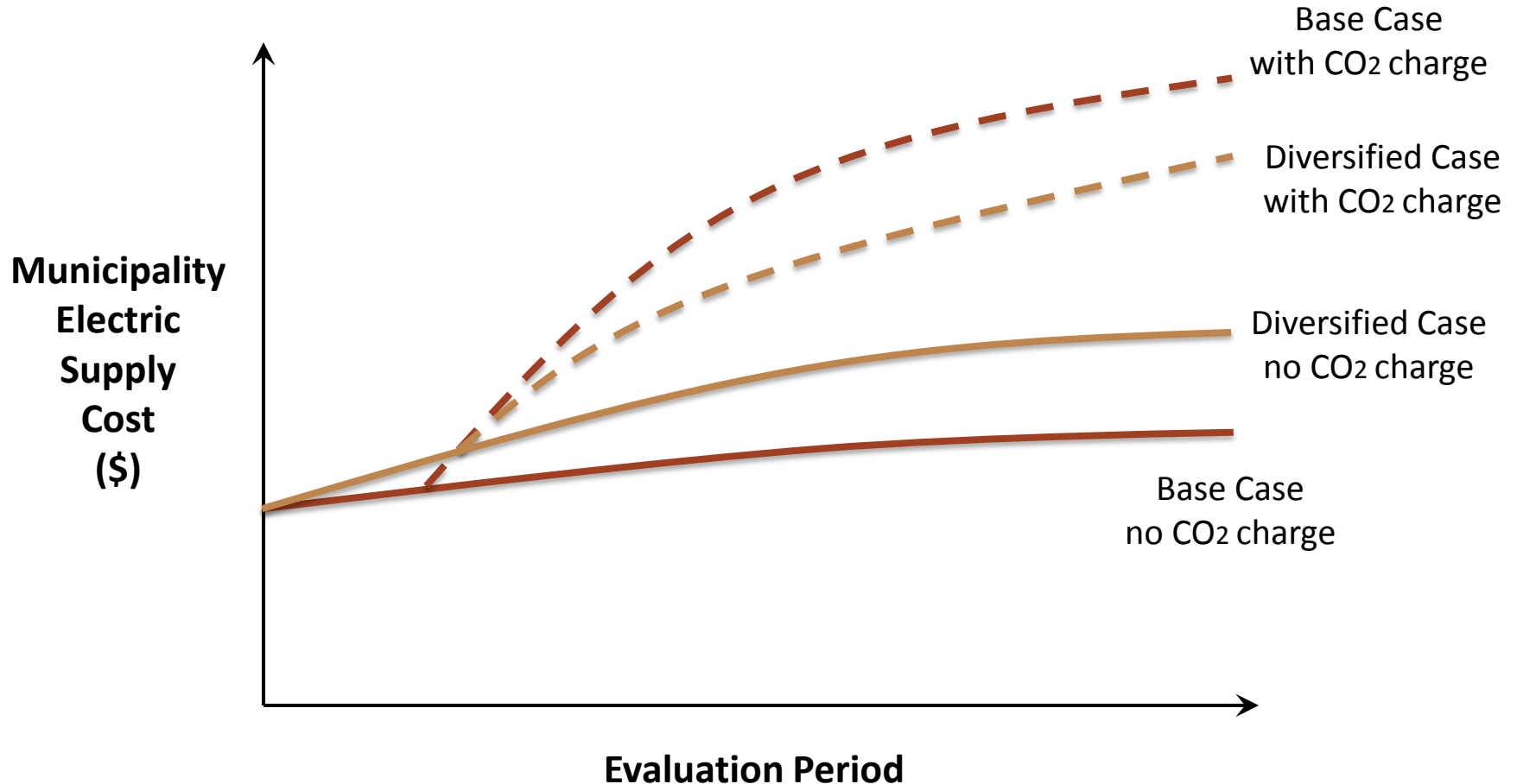


Resource Planning Focus

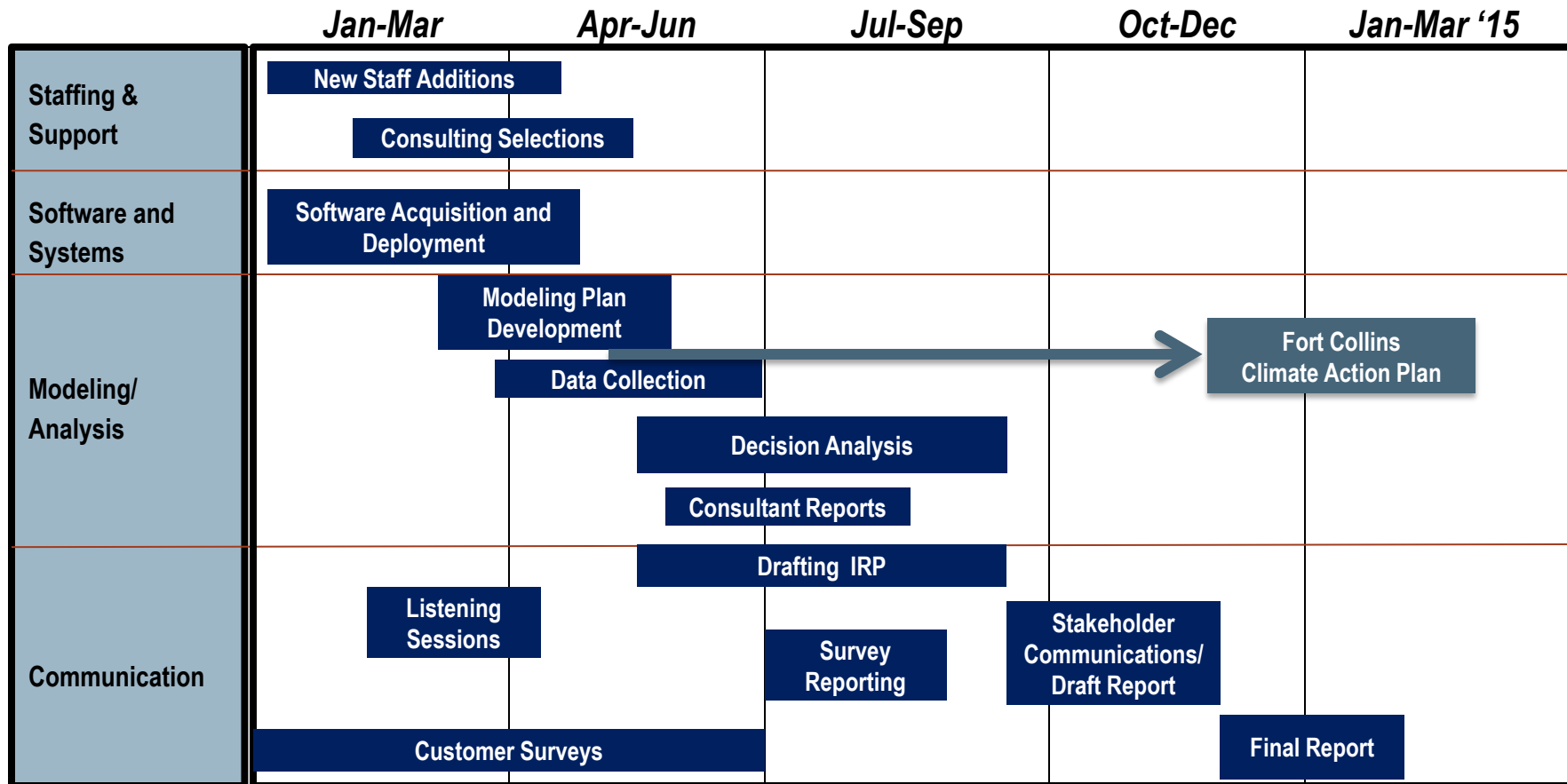
Considering two primary factors – ***Cost and Risk***



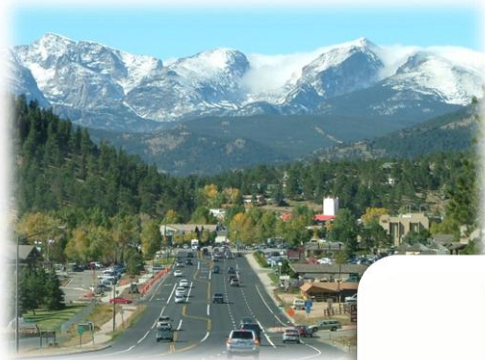
Risk Mitigation Example – Illustrative



Schedule



Estes Park



Longmont



Fort Collins



Loveland



Questions/Discussion?