Beneficial Electrification

Electrify Colorado

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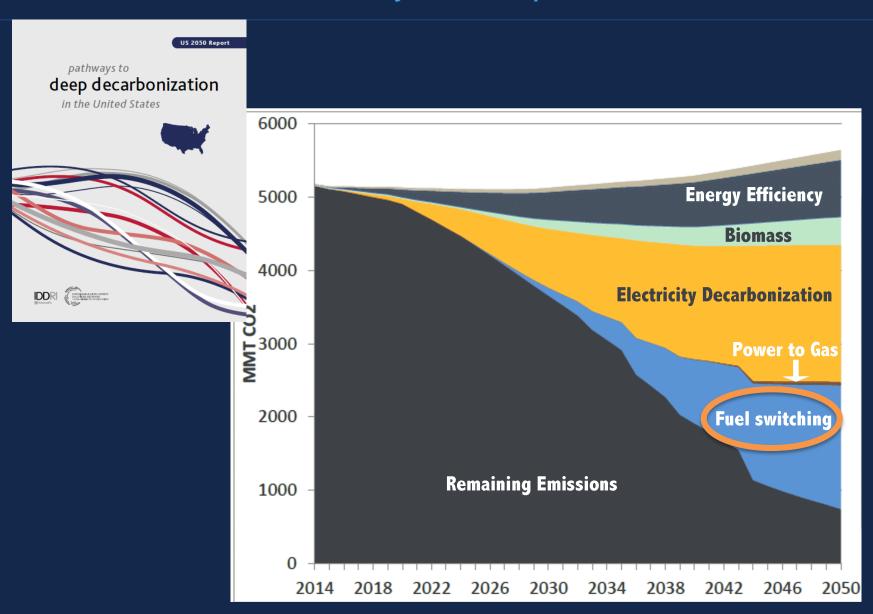
Beneficial Electrification – A Big Tent

"The application of electricity to end-uses that would otherwise consume fossil fuels (e.g., natural gas, propane, oil, gasoline) where doing so satisfies at least one of the three following conditions, without adversely affecting the other two:

- benefit the environment and reduce greenhouse gas emissions;
- save consumers money over time;
- improve product quality or consumer quality of life; or
- foster a more robust and resilient grid."



Electrification: One Key to Deep Decarbonization



Is Beneficial Electrification Inevitable?

Yes

- Rapidly emerging economics and technology
- Vital for deep decarbonization

But

- Needs concerted effort or transition will be slow
- Real challenges/opportunities with outdated policy, consumer & supply chain awareness & interests, technology performance, grid-interactivity, gas infrastructure

Next Steps

- Include beneficial electrification in what you do
- Collaborate
- Share experience

