



SYMPOSIUM

Colorado Energy Research Collaboratory

AGENDA

Title: 21st Century Energy Transition (9th annual) www.CERCsymposium.org
Theme: Ideas. Innovation. Impact.
Location: Embassy Suites, 1420 Stout Street, Denver, Colorado
Co-Hosts: Collaboratory organizations (Colorado School of Mines, University of Colorado Boulder, Colorado State University, National Renewable Energy Laboratory)

April 28, 2020 -- **Day one**

7:00am-7:00pm	Registration and Information Desk
7:00-8:00am	Continental Breakfast and Networking
8:00-8:15am	Welcome
8:15-8:45am	General Session Keynote "Setting the stage for symposium: A global, national, state big picture. Climate goal setting is a disruptive driver of the energy sector – how will states, cities and corporations achieve their goals? Overview of terminology and definitions so we are all 'speaking the same language'. How will Colorado reach their climate goals?"
8:45-9:15am	General Session Keynote "Climate goals and energy transition projections: What did we get right, what did we get wrong over the years, what is the case for disruption, where do we go from here?"
9:15-9:30am	BREAK
9:30-10:00am	General Session Keynote "Modeling, metrics and measurements: How are we going to achieve the climate goals states, cities and corporations are setting? How can we predict the future and then measure our progress?"
10:00-10:30am	General Session Keynote "Achieving a carbon-free vision"
10:30-11:00am	Moderated fireside chat with the three previous keynote speakers
11:00-noon	General Session Panel "Powering Women in Energy—Jobs and Careers"
12:00-12:45	LUNCH
12:45-1:15pm	General Session Keynote and Moderated Fireside Chat Colorado Governor Jared Polis "Colorado's climate and clean energy goals. Our one year report card." (invited)
1:15-2:15pm	General Session Panel "How are states planning to meet their climate goals?"
2:15-3:00pm	General Session Keynote and Moderated Fireside Chat "The role of natural gas and natural gas infrastructure in the energy transition"
3:00-3:15pm	BREAK
3:15-4:15pm	General Session Keynotes and Moderated Fireside Chat "Commercialization opportunities in a low carbon energy future"

4:15-5:30pm	General Session Panel “Decarbonization Solutions” Five minute lightening rounds by researchers on a variety of technical solutions for a low carbon future. (2 groups switch out on stage, 12 total presenters)
5:30-6:15pm	PUBLIC RECEPTION (appetizers served, cash bar)
6:15-7:00pm	General Session Keynote and Moderated Fireside Chat “Three Revolutions: Steering automated, shared, and electric vehicles to a better future”
7:00pm	Adjourn Day 1

April 29, 2020 -- Day two

7:00am-1:00pm	Registration and Information Desk
7:00-8:00am	Continental Breakfast and Networking
8:00-8:10am	Welcome
8:10-8:40am	General Session Keynote and Moderated Fireside Chat “Decarbonization strategies for Colorado from a legislator's perspective”
8:40-9:15am	General Session Keynote and Moderated Fireside Chat “How can a utility transform their responsible energy plan to advance cooperative clean energy?”
9:15-10:15am	General Session Panel “How fast can we/should we electrify?”
10:15-11:15am	General Session Panel “Electrification approaches”
11:15-11:50am	General Session Keynote and Moderated Fireside Chat “Outsiders view of the Colorado energy ecosystem”
11:50-12:00pm	Symposium wrap up by Bill Ritter, Honorary Chair
	Colorado Transportation Electrification Forum begins with lunch. Maximum of 90 people in attendance due to limited space.

Colorado Transportation Electrification Forum

The State of Colorado’s Air Quality Control Commission has recently ruled to adopt a Zero Emissions Vehicle Rule. This rule will accelerate the availability of ZEV options for Colorado consumers beginning in January 2020. Colorado already ranks 5th in the US in terms of electric vehicle adoption due in large part to the notable success in the domains of public policy, commerce, public-private partnerships, local initiatives, and public demand for these technologies. This forum seeks to engage national leadership in these domains to discuss the opportunities and challenges to the future of zero emissions transportation in Colorado. Stakeholders from across the spectrum of industry, government, and academia will be present to communicate:

- lessons learned on ZEV program implementation from across the US,
- technical and policy solutions to Colorado-centric ZEV adoption challenges,
- projections & guidance on how to maximize the benefits of accelerated ZEV adoption for consumers & industry.

12:00-1:00pm	LUNCH FOR EV FORUM ATTENDEES ONLY (90 attendees)
1:00-2:00pm	General Session Panel “How do we get more zero emission EVs on the road?”
2:00-3:00pm	General Session Panel “Innovating technologies for electrified transportation” Roadway/IT integration, battery second use, hydrogen
3:00-3:15pm	BREAK
3:15-4:15pm	General Session Panel “Electrifying heavy-duty transportation” Roadway integration, battery second use, hydrogen
4:15-4:45pm	General Session “Future vision of Colorado’s electric transportation” Wrap up by Will Toor, Executive Director, Colorado Energy Office and Sophie Shulman, Director of Innovative Mobility, CDOT