



Melanie Kenderdine

# Gigaton Needs, Gigaton Challenges

## Seminar Information

**Date:** September 30, 2021

**Time:** 1:00-2:00 pm MDT

## Meeting will be held via WebEx.

Please send an email to [iwest@lanl.gov](mailto:iwest@lanl.gov) to request a calendar invitation.

The I-WEST seminar series hosts thought leaders on a spectrum of topics tied to transitioning the Intermountain West to carbon neutrality, including technologies, policy, workforce, and environmental justice.

## Seminar Summary

This seminar will examine energy transition in the intermountain west of the United States, building on several recent analyses including the New Mexico case study of the Roosevelt Project. Several central themes will emerge: (1) Market hubs can be used as a strategy to facilitate energy transition; (2) CO<sub>2</sub> and hydrogen are synergistic on several fronts, such that a consideration of both is important in a transition strategy; (3) co-recovery and co-production of critical materials represents an important opportunity for the intermountain west in the context of energy transition; (4) hydrogen can be produced from a variety of resources in the intermountain region—natural gas reservoirs, agriculture, coalbeds, etc.

## Speaker Summary

- Former Director, DOE Office of Energy Policy and Systems Analysis from 2013 - 2017
- Executive Director, MIT Energy Initiative from 2007 - 2013
- Non-resident Senior Fellow, Atlantic Council
- Education: University of New Mexico

Melanie Kenderdine is Principal and Executive Vice President of the Energy Futures Initiative (EFI). Kenderdine joined former Secretary of Energy Ernest J. Moniz and fellow Principal and Executive Vice President Joseph S. Hezir in founding EFI, a non-profit organization dedicated to driving innovation in energy technology, policy, and business models.