

## ASCE Northern CO Branch Meeting for October 2024

In our October, 2024 meeting, we installed our 2024-2025 Executive Committee Officers and heard about the Platte River Power Authority's Rapid Decarbonization Plan. PRPA is working toward a 100% noncarbon energy future through a Resource Diversification Policy approved in 2018. This is one of the most aggressive and progressive decarbonization goals in the country for a utility of its size.



Platte River Power Authority is a not-for-profit, community-owned public power utility that generates and delivers safe, reliable, environmentally responsible and financially sustainable energy and services to Estes Park, Fort Collins, Longmont, and Loveland, Colorado for delivery to their utility customers. Platte River has reached about 50% noncarbon supply and is now planning for the remainder. One of the key challenges of planning for deep decarbonization is to ensure

reliability while relying on intermittent renewable generation, especially during periods of low renewable supply. Platte River calls these periods “dark calms.” Platte River has done some innovative work in reliability assessment during dark calms. This presentation shares how Platte River is planning to meet the challenges of heavy dependence on intermittent generation, while at the same time the energy sector is further electrifying with electric mobility and electric heating.