



Robert S. Kenney

Missouri Public Service Commission Chair

Title - Renewable Energy, Climate Change, Water Management/Regulation.

I will describe the current state of renewable energy deployment in the United States and the various laws and policies that are designed to encourage that deployment, both at the federal level and the state level. More particularly, I will describe the evolution of the laws in Missouri that resulted in Missouri's Renewable Energy Standard (RES). I will also discuss the impact that Missouri's RES has had on the deployment of renewable resources and the impact that such deployment has had on retail rates. I will further present the role of state public service commissions in implementing Renewable Portfolio Standards (RPS) or RES. As a vertically integrated state, I will also talk about the role of integrated resource planning in encouraging and facilitating the deployment of renewable energy resources. Finally, I will discuss how the water-energy nexus is manifest in the United States and Missouri and how greater coordination and communication between the two sectors can further the goal of reducing carbon emissions. Particularly, I will describe water company efforts to gain efficiencies in certain equipment and how those efficiencies translate into reduced carbon emissions.