

Senate Transportation & Energy

04/12/2022 02:00 PM

HB22-1249 Electric Grid Resilience & Reliability Roadmap

Typed Text of Testimony Submitted

Name, Position, Representing	Typed Text of Testimony
<p>Ron Bennett</p> <p>For</p> <p>Self</p>	<p>I'd like to offer testimony in support of HB22-1249 as a practicing architect with current commissions that include a number of large, all-electric buildings. I know the importance of reducing greenhouse gas emissions from the building sector, which requires a robust and reliable electric grid.</p> <p>Unlike utility-scale renewables, microgrids generate power where it's needed, reducing the load on regional transmission lines while enhancing grid resiliency at the local level. As more buildings electrify and more EV charging stations are deployed, improved dynamic response is needed to temper peak demand. Microgrids with storage are an important piece in the demand response puzzle.</p> <p>I ask that you please vote in favor of the Microgrid Roadmap Act that will pave the way toward more affordable, reliable and resilient local energy generation and storage. Thank you for your kind consideration.</p> <p>Ron Bennett, AIA</p> <p>Boulder, Colorado</p>
<p>Nicholas Stevens</p> <p>For</p> <p>Self</p>	<p>Microgrids are an important opportunity to create stability in our electrical grid as we face increased challenges from natural disasters and electrical demand. Over the next decade or more we will make great strides in reducing emissions in Colorado from electrifying our buildings and vehicles while at the same time facing increased pressure from natural disasters caused by climate change. It's critical that we build a roadmap for deploying microgrids to support all Coloradoans.</p>