Jon Wellinghoff

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AI's Impact on the Power Grid The rapid expansion of AI-driven data centers is significantly increasing energy consumption, leading to rising electricity costs for consumers. This surge in demand could shift the financial burden either to large-scale data center operators or be distributed across all ratepayers, sparking debates over cost allocation. From a regulatory and political standpoint, policymakers must assess the long-term effects of AI-powered data centers on grid stability and develop legislation to ensure equitable cost distribution. Additionally, states and industries must advocate for transparent assessments of these impacts to mitigate sudden rate increases. Another crucial concern is how AI-driven power loads may degrade power quality, potentially affecting commercial and industrial customers in ways that are not yet widely recognized but are emerging as a critical issue. Jon Wellinghoff provides an in-depth analysis of these issues and offers key takeaways on how industries can mitigate risks associated with data center development.

Energy Costs and Policy Uncertainty in the Trump Administration: The Future of Renewables and Natural Gas In the current political landscape, industries must evaluate green energy policy changes and their effects on renewables like wind, solar, and electric vehicle infrastructure. Policies promoting fossil fuel expansion, including increased natural gas production and other exports, could also impact global energy costs and supply chains. These changes have profound implications for industries reliant on stable process heat, as natural gas price volatility presents both risks and opportunities. In this talk, Jon Wellinghoff discusses the evolving national energy landscape and how companies must conduct risk assessments to prepare for fluctuating energy policies, changing regulation, and the need to develop and implement mitigation strategies to protect your industry.