

# How Will We Satisfy Our Future Energy Needs?

## Energy Cost Estimating vs. Energy Security

*The intersection of energy cost estimating and energy security, prompting key questions: How much energy do we currently use? How much will we need? Where will it come from? What infrastructure must be built—and at what life cycle cost?*

*The inquiry is driven by a sharp and accelerating rise in U.S. electricity demand, marking a dramatic shift from nearly two decades of stagnant load growth. This surge may signal the beginning of the most significant era of expansion since the post–World War II boom.*

*The implications are significant: meeting this rising demand will require thoughtful planning to safeguard both the reliability and affordability of electricity across the nation—challenges that align directly with the expertise and professional focus of AACE members.*

*Dr. Daniel Nussbaum is the former Chair of the Energy Academic Group, as well as teaching in the Operations Research department at the Naval Postgraduate School in Monterey, California. He specializes in cost estimating, cost-benefit analysis, research, and mentoring. He holds a BA in Mathematics and Economics from Columbia University and a Ph.D. in Mathematics from Michigan State University, with postdoctoral work in Econometrics, Operations Research, and National Security Studies at Washington State and Harvard.*

Dr. Dan Nussbaum



### THURSDAY, Oct 9, 6 PM

- 6 PM Networking Online
- 6:30 PM Presentation

### UPCOMING EVENTS:

November 13, 2025—Seth Howell—  
Trends vs Realized Risk

Each person in attendance is eligible to receive 0.25 CEU or 2 PDU AACE-I Section Meeting Credit.

### ON-LINE MEETING FORMAT:

Registration is required:  
[Click here to Register.](#)

After completing the registration form, the system will automatically email the meeting Zoom link.