Virtual Training

THE ACADEMY
AMERICAN PUBLIC POWER ASSOCIATION

Preparing for Energy Storage: Trends and Practical Applications

Course Description

Energy storage, dominated by lithium-ion batteries, is taking on a bigger role in utilities, markets, and behind the meter. Take an in-depth look at the gamut of energy storage technologies and how the costs, practical applications, and limitations of each should factor into your long-term decisions and investments. Examine trends related to this increasingly competitive market, prospects for future growth, and regulations that could support or hinder public power in effectively deploying storage. Also review best practices and platforms for implementing battery storage in utility portfolio planning, in supporting intermittent renewable resources, and in providing other grid services.

Course Topics

- Overview of the energy storage market: trends and challenges
- Storage processes, technologies, and applications across the energy industry
- Battery storage technologies: cost and performance
- Lithium ion supply chain dynamics
- Market dynamics and competitive positioning
- Benefits of energy storage and the concept of value stacking multiple revenue streams
- Valuing storage as a resource in utility portfolio planning
- Regulatory frameworks and use cases
- Battery storage and the evolving grid
- End-of-life disposition
- Future outlook for storage

Course Level

Basic: No prerequisites, no advance preparation.

Recommended for

Utility staff and policymakers looking for an in-depth look at energy storage.

Instructor

Peter Kelly-Detwiler, Co-founder of NorthBridge Energy Partners

Peter draws on more than 25 years of experience in the energy industry focusing on the development of retail competitive markets, new trends, technologies, regulatory and market developments, and sustainable solutions that create value in the energy space. He is an active contributor at Forbes.com, covering a broad variety of topics, including the economics of natural gas supply and electricity generation, evolving supply and demand technologies, the evolution of renewables, and trends affecting the energy industry. He is working on a book about innovation and disruption in the electric power industry.

Registration Info
Provider: American Public Power Authority (APPA)
Date: Tuesday, February 15 *&* Thursday, February 16, 2022
Time: 8:30 a.m. - 12:00 p.m. Pacific Time
Length: 2 days
Platform: online
Capacity: minimum of 15 attendees; no maximum

Estimated Enrollment Fee
SCPPA MEMBER RATE: $350 per attendee