



ASHRAE Idaho Technical Series – Webinar #1

Thursday, May 14th, 2020

Speakers: Michael Jones, P.E. & Jonathan Grove, P.E.



Michael Jones runs SEED Idaho P.C and is a registered Professional Engineer, Certified Energy manager, ASHRAE Building Commissioning Professional (BCxP) and legacy LEED AP. He has spent much of the last decade designing mechanical systems and commissioning buildings in the pacific northwest, Nevada and California. His engineering background and resume allows for a unique perspective on the commissioning process.



Jonathan Grove is a Senior Energy Engineer in the controls industry and registered Professional Engineer. He has a wealth of experience in the areas of retro-commissioning and the real-world application of data analytics on HVAC systems accumulated over his last 13 years of industry experience. His current efforts are focused on increasing the efficiency of deploying and using data analytics to bring the value they provide to building owners in a cost-effective manner.

Learning Objectives:

- Overview of the various commissioning processes with emphasis on functional testing.
- Dated & previous methods for functional testing. Review of their benefits and drawbacks.
- Integrating modern methods for functional testing– analytics
- Review of benefits and drawbacks to modern methods.
- Technical description of the analytics overlay
- Pro’s/Cons, roadblocks for overlay over a building automation system regardless of the BAS vendor
- Coordination of functional testing procedure (how Cx can develop procedures and they can be automated)
- How this process helps with final product
- Specifying analytics for engineers
- Emerging analytics capabilities/trends

Series Schedule:

Date	Speaker	Topic
5/14/20	Mike Jones, Seed Idaho. Jonathan Grove, ATS Inland	Functional Testing and Analytics
5/19/20	Thomas Durkin, Sims-Durkin Associates, ASHRAE DL	Energy Efficient Design and Operations
5/21/20	Kishor Khankari, AnSight, ASHRAE DL	Design and Analysis of Natural Ventilation Systems
5/26/20	Brad Harr, Summit Environmental	IAQ and a Virus Among Us
5/28/20	Sunny Devnani, kW Engineering	Re-opening Buildings in the Wake of COVID-19
6/2/20	Terry Rodgers, Bureau Veritas Primary Integration, Inc. ASHRAE DL	The Inefficient Pursuit of Energy Efficiency
6/4/20	Chuck Gullede III, Environmental Air Systems LLC, ASHRAE DL, Incoming ASHRAE Society President	Design, Build, Operate, Maintain. What could possibly go wrong?
6/9/20	Jim Newman, Newman Consulting Group, ASHRAE DL	Transforming an Existing Building Into a High-Performing Facility