



**Radisson Blu @ Mall of America
Monday, September 24th, 2018, 8-4p**

8-9a	Registration & Full Breakfast		
	Track I: Grid Modernization	Track II: High Performance Buildings	Track III: HVAC & Lighting Controls
9-10a	Beneficial Electrification Panel Moderator: Carl Samuelson, Michaels Energy	Market Transformation through USGBC Arc data Gautami, Palanki, USGBC, Arc	PoE Lighting: Perspectives & Experiences Panel Moderator: Lester Shen, CEE
10-10:30a	break		
10:30-11:30a	Integrating Renewable Energy Systems into Buildings Shiela Hayter (ASHRAE DL), NREL	Relationship of Building Envelope and Energy Consumption Tim Eian, TE Studio	UofM Commissioning Building Renovations: Lessons Learned Jay Denny, UofM Javier Navar Payan, UofM
11:30-1p	Lunch		
	Keynote: 2018-2019 ASHRAE National President, Sheila Hayter		
	Expo		
1p-2p	Emerging Distributed Energy Resources and the Evolving Power Grid Glen Fisher, OATI	Advanced Energy Design Guide for K-12 School Buildings - Achieving Zero Energy Mick Schwedler, Trane	Carleton Utility Master Plan: District Energy in the 21st Century Martha Larson, Carleton College
2-2:30p	break		
2:30-3:30p	Energy Transition in Minnesota and Beyond Ellen Anderson, Energy Transition Lab	What to Expect when Pursuing Passive Home Cloe Bendistis, The Sheward Partnership Elizabeth Turner, Precipitate	Building Controls Diagnostics & Analytics TBD, Johnson Controls Inc.

Timeslots subject to change

2018 MN Energy Expo Presented by:



❖ ~30 Exhibitors & Sponsors

❖ 3 Tracks – 4 sessions each

- 1 PDH per session
- ASHRAE DL speaker
- Keynote speaker

❖ Networking

Attendee & Vendor/Sponsor Registration at:

www.MnASHRAE.org