Reactivating a Historic Industrial Site: Challenges and Opportunities on the Way to Net Zero Energy

Presenter: Jason Evans

Additional Presenters:

1. Dominick DeLucia, Senior Engineer, Taitem Engineering, ddelucia@taitem.com
2. Vaibhavi Tambe, Sr. Sustainability Consultant, Taitem Engineeering, vtambe@taitem.com

Presenter Biographies and Experience:

Jason Evans, RA, LEED AP BD+C, is an Associate Principal at Ashley McGraw Architects. Evans has over 16 years of design experience. He has a long-standing interest in the way design fits within and impacts its greater context, engaging not only each specific building user, but also the surrounding community at large. He holds a B Arch from Syracuse University and has presented his approach to repurposing mid-century buildings at several conferences. Jason Evans has presented his approach to repurposing mid-century buildings at several conferences, including ERAPPA, SUNY PPAA/NYAPPA, APPA, and SCUP. 16+ years of design experience. Tambe: 10 years in E+S at Taitem, extensive energy modeling and integrated design work. DeLucia: 15 years HVAC design at Taitem, presented at several NYSERDA Multifamily Summits.

Abstract:

Representatives of the Owner (Syracuse Bread Factory, LLC), Architect (Ashley McGraw Architects), and sustainability consultant and design engineer (Taitem Engineering) present the Syracuse Bread Factory, a reactivation of a unique historic building into a carbon-neutral neighborhood anchor. The Bread Factory is participating in NYSERDA's Building of Excellence Early Design Support program. This project is a complete remediation and redevelopment of a historically significant and long-vacant building. By exploring and sharing lessons learned during pre-design and design, the presenters hope to push the market forward while exploring the potential for a lower-carbon future inherent in reusing our beautiful older buildings. As a listed building with historic architectural value, the team faced and overcame challenges relating to maintaining its historic façade and other architectural features while creating an attractive mixed-use building that aims for net-zero or near-net–zero performance.