

District Thermal System for the 15th Ward

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ABSTRACT

Centrio and CHA will be performing a feasibility study on what a fossil fuel free thermal energy system for the first 5 phases of the 15th Ward project as currently proposed by the developer could look like. Technologies being explored are geothermal, wastewater heat recovery and enhanced heat recovery from the SU Energy Center. Presentation will provide an update of the project as it stands at the time of the conference and this abstract will be updated as such.

BIOGRAPHY

Brendan Hall has 12 years of mechanical engineering and project management experience. He is the section manager for mechanical design within CHA's Advanced Energy division. He has led the design, layout and control of HVAC systems for commercial, industrial and educational facilities throughout New York and Ohio, including several geothermal systems. He has been the technical lead on several other community heat pump projects.

Nathan Prior is the General Manager for Syracuse at CenTrio. As general manager, Nathan oversees all operations and maintenance at CenTrio's utility plant at Syracuse University, as well as 8 miles of the distribution systems which provide steam and chilled water to the Syracuse University campus. The system also provides steam to three local hospitals, as well as steam to a second university campus in the area. Prior to joining CenTrio, Nathan spent 22 years at Syracuse University where he was Director of Energy Systems and Sustainability Management at Syracuse University and worked with NYSERDA on multiple campus projects.