Cleveland 2030 District
Project Profile

Playhouse Square Center Complex,
Alternate to District Energy Solution
Cleveland, OH

Building Owner: Playhouse Square Foundation
Square footage: 751,000
Building Use Type: Performing Arts Center
Project Name: Alternative to District Energy Solution
MEP Engineer: Brewer-Garrett
Construction Manager: Brewer-Garrett
Project Start Date: January 2014
Completion Date: December 2014

Rational for Project:
Playhouse Square converted from the district steam utility to onsite steam and hot water plants. This program provided upgrades to steam generation equipment, reduced operating costs, and added value to the property.

Project Achievements:

- $11,000,000 in guaranteed energy savings
- Reduced emission by 10,302 MT CO₂
- Reduced operating costs

Project Highlights:
Brewer-Garrett and Playhouse Square has a longtime partnership providing infrastructure improvements to the Playhouse Square Center. The most recent project that Brewer-Garrett has been engaged with at Playhouse Square is the conversion from the district steam utility to on-site steam generation. The on-site steam & hot water plants provide heating at the Bulkley Building, Hanna Building, and the Idea Center.

A few features of this project include:

- Provide alternative to district steam utility
- Upgrade steam generation equipment
- Reduce operating costs for Playhouse Square facilities
- Add value to Playhouse Square properties