

Commercial gas heat pumps (CGHP)

Wolf Ridge multi-family complex
embraces advanced heating technology



Energy
Efficiency
Program

Overview of demonstration

Income Eligible Multi-Family project

- Six story, 60-unit multi-family building
- Aging boiler system, radiant floor heating
- A break from “like-for-like” replacement
- Hybrid system that maximizes gas heat pump efficiency

Key collaborators

- Peric Heating (installation contractor)

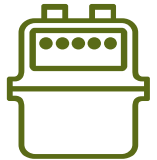


Customer and market impact

Customer impact



\$227,500 in incentives



7,033 estimated annual therms saved



Achieved 101.3% system efficiency,
an 18.3% increase



Market impact



More confidence for the contractor with bids, installs and technology buy-in



Real-life example of how equipment affects customer energy use, efficiency and comfort

Trailblazing for future projects

Lessons learned

- Better understanding of potential project barriers
- Importance of distributor support, especially for design
- Advantages of collaboration across multiple teams to achieve project success

Looking toward the future

- Supports additional contractor education
- Transferrable design and installation guidance
- Blueprint for Market Transformation collaboration with traditional programs
- Confirmation and prioritization of market barriers to strategically address via MT





Jonathan Skarzynski
Manager, Energy Policy
Energy Efficiency

630.388.2303 office
224.242.4011 mobile
jfskarzy@southernco.com



Energy
Efficiency
Program