



Green Steam is Reducing Philadelphia's Carbon Footprint

Green steam refers to our low carbon thermal product, which in large part comes from a combined heat and power (CHP) process and the integration of renewable energy. By combining the production of thermal energy (used for both heating and cooling) and electricity into one process, CHP results in the most efficient use of fuel to generate electricity and condition buildings, using far less fuel than when heat and power are produced separately. Vicinity Energy's district energy network delivers 99.99% reliable, clean steam, hot water and chilled water throughout the City of Philadelphia. Our interconnected facilities have built-in redundancy, back-up generation and multiple water and fuel sources to ensure you stay up and running. We are continuously implementing a cleaner energy mix and investing in the city's infrastructure to reduce carbon impacts, with the goal of achieving net zero carbon emissions by 2050.



Vicinity in Philadelphia

Vicinity tackles global energy problems on a local level, with local resources. District energy is an innovative and resilient energy solution that involves the production of thermal energy from a central plant, eliminating the need to install or manage onsite boilers and chillers. We partner with customers where reliable, efficient energy is mission-critical to their success. In Philadelphia, we offer affordable green steam to renowned universities, medical research institutions, hospitals, hotels, commercial offices, government buildings, and residential apartments and condominiums. As one of the biggest district energy systems in the U.S., the Philadelphia network touches over 100 million square feet of building space during the heating and cooling seasons, with tremendous existing and future potential to reduce Philadelphia's carbon footprint.

By the Numbers

99.99% reliability

400+ buildings served

163 megawatts of CHP capacity

100M square feet served

41 miles of underground piping

2 steam production facilities

1 chilled water facility

57% of Vicinity Philadelphia's contracts with education and medical institutions

Investment in CHP and District Energy

Vicinity's multimillion-dollar investments have improved the city's critical energy infrastructure, enabling Philadelphia's integrated district energy system to reduce greenhouse gas (GHG) emissions by nearly 300,000 tons annually - the equivalent of removing almost 65,000 cars from the roads. Vicinity's investments have also increased the resiliency of our robust and agile critical energy infrastructure, ensuring 99.99% reliable energy delivery. As a result, customers enjoy increased capacity, reliability and overall system efficiency and can feel good knowing that they're supporting clean, renewable energy distribution.

A Tool for Philadelphia's GHG Reduction Goals

As part of Vicinity's commitment to sustainability, we provide a major, growing contribution to the City of Philadelphia's Greenworks program via our green technologies and fuel use. Through our Clean Energy Future - a formalized commitment, vision and roadmap to achieve net zero carbon by 2050 - we're helping to create a cleaner, greener environment in Philadelphia for generations to come.

\$60M

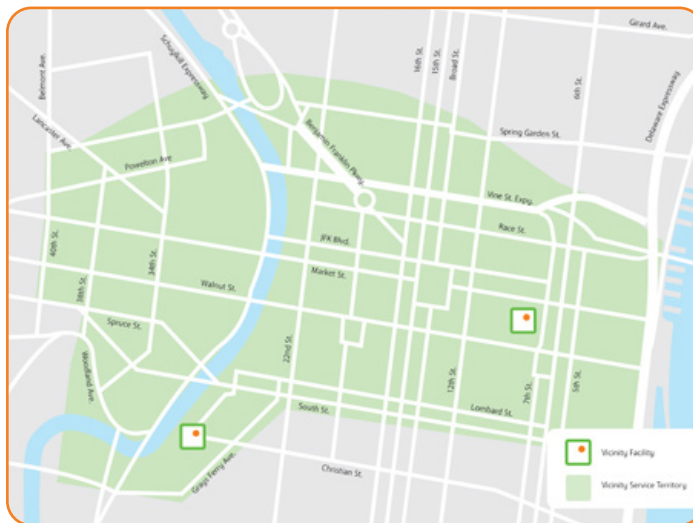
green steam project investment in Philadelphia

300,000 tons

annual reduction of the region's GHG emissions

65,000 cars

carbon reduction equivalent of cars removed from the roads annually



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Thrive Alongside Us.
www.vicinityenergy.us

