

The Peoples Gas and North Shore Gas Energy Efficiency Program Public Sector

CASE STUDY

CUSTOMER

Chicago Public Schools:
Lane Tech College Prep High School

PROJECTS

- Steam Trap Replacements
- Condensate Pump Replacements
- Leaking Steam Valve Replacements
- Steam Leak Repairs

TOTAL REBATE AMOUNT

\$116,793 (2019-2020)

ENERGY SAVINGS

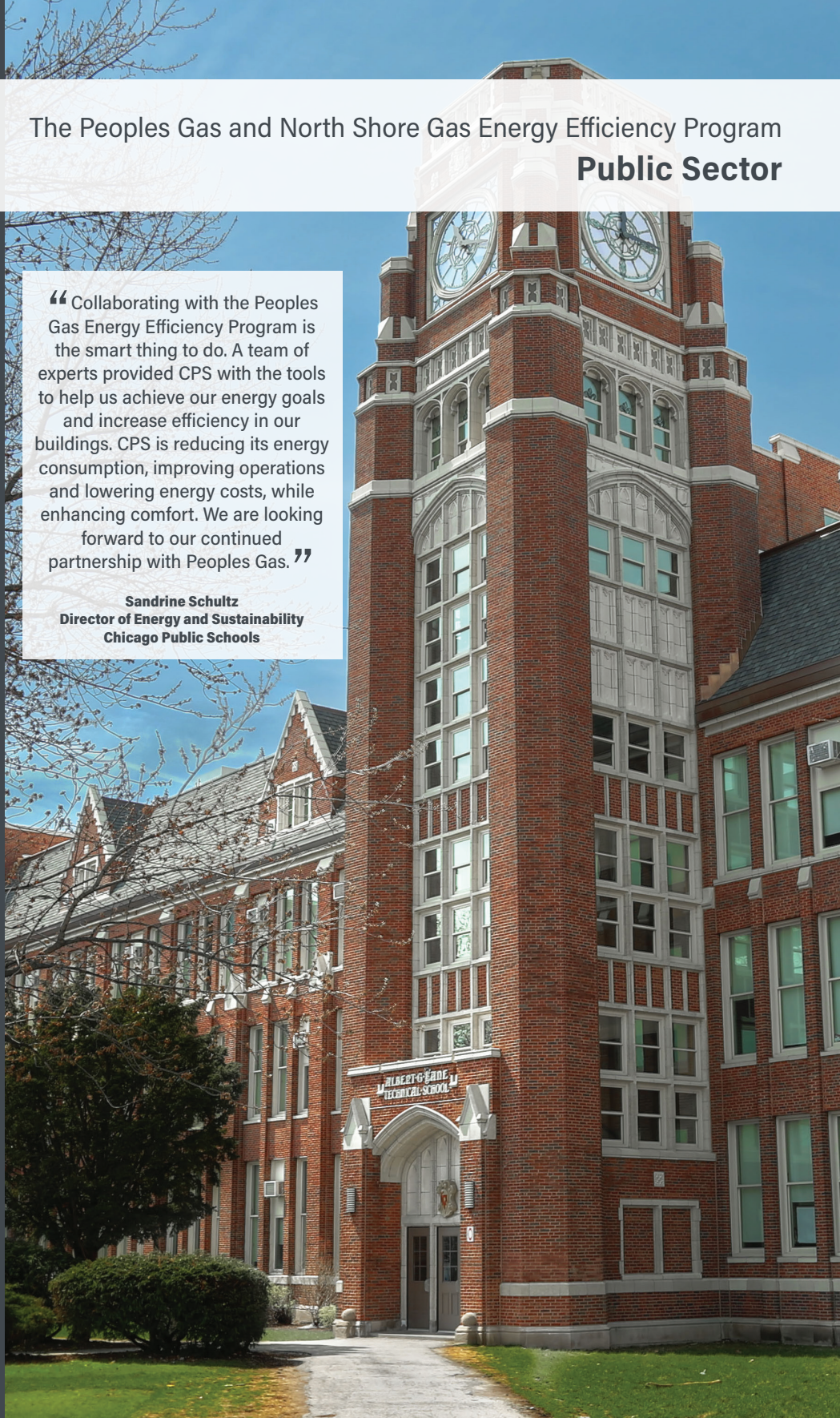
69,976 therms

CUSTOMER BACKGROUND

Lane Tech College Prep High School is a large, coeducational seventh through twelfth-grade public high school. This Chicago Public School offers students a college preparatory curriculum with an emphasis on the technical aspects of modern education. Chicago Public Schools Energy and Sustainability Program is committed to significantly reducing energy consumption across the district, while maintaining a healthy and productive learning environment for faculty, students and staff.

“Collaborating with the Peoples Gas Energy Efficiency Program is the smart thing to do. A team of experts provided CPS with the tools to help us achieve our energy goals and increase efficiency in our buildings. CPS is reducing its energy consumption, improving operations and lowering energy costs, while enhancing comfort. We are looking forward to our continued partnership with Peoples Gas.”

Sandrine Schultz
Director of Energy and Sustainability
Chicago Public Schools



PEOPLES GAS®
ENERGY EFFICIENCY PROGRAM

NORTH SHORE GAS®
ENERGY EFFICIENCY PROGRAM

Project Description

In November of 2019, the newly appointed Director of Energy and Sustainability for Chicago Public Schools (CPS) organized and led a meeting between the Lane Tech building management team, the Peoples Gas Energy Efficiency Program, and local contractors. A partnership evolved out of this meeting and the team revisited several stalled energy-saving opportunities that had been identified previously through a no-cost energy assessment from the utility. Prioritizing these initiatives and leveraging available incentives, the group brought these projects back to life. The completed work not only improved steam system maintenance at Lane Tech but also resulted in energy savings. Such success served as a catalyst for the partners – CPS Energy and Sustainability Program and the Peoples Gas Energy Efficiency Program – to further their joint effort to explore and prioritize energy saving improvements throughout the district.

As a result of combined efforts, a maintenance program has been developed for the steam systems at more than 300 Chicago Public Schools locations, which will help prevent costly failures and save energy. Congratulations to the engineering team at Lane Tech College Prep High School for their commitment to achieving these energy-saving accomplishments.

Impact

Due to the engineering team's dedication, Lane Tech earned \$116,793 in incentives from the Peoples Gas Energy Efficiency Program to implement improvements at their facility, resulting in 69,976 therms saved annually.

The Peoples Gas and North Shore Gas Energy Efficiency Program team is available to help you capture similar savings at your business. Call 855-849-8928 to schedule a facility assessment with one of our energy experts.

Projects	Incentives Earned	Therms Saved
Steam Trap Replacements	\$22,160	18,344
Condensate Pump Replacements	\$51,470	20,588
Leaking Steam Valve Replacements	\$29,925	25,210
Steam Leak Repairs	\$13,238	5,834
Total	\$116,793	69,976



**SAM SUERTH - CHIEF ENGINEER | BRIAN CALDWELL - ENGINEER
DENIS HOLMES - ENGINEER | MARIO MONTENEGRO - CUSTODIAN**

NEW STEAM TRAPS



NEW CONDENSATE PUMPS



NEW STEAM VALVES



NEW STEAM PRESSURE-REDUCING VALVE STATION



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