



Glencoe Public Library

Project Summary

Glencoe Public Library is a charming, patron-focused library located on Chicago’s North Shore. Built in 1936, the library is an invaluable resource to diverse age groups from students, adults and senior citizens who visit throughout the year. As a facility that seeks to bring community members together; comfort and aesthetics are paramount to the library to enhance their visitors’ enjoyment and experience. In an effort to discover ways that the facility could improve occupant comfort and reduce energy costs, the Glencoe Public Library participated in an energy assessment program administered by 360 Energy Group.

Energy Solutions

360 Energy Group worked with the Glencoe Public Library through a Smart Energy Design Assistance Center (SEDAC) Energy Assessment, a program that is funded by the Department of Commerce and Economic Opportunity (DCEO) Illinois Energy Now Program. The energy assessment identified seven energy saving and comfort improvements, including the replacement of the library’s 68% efficient boiler that was original to the building.

Once the assessment was completed, 360 Energy Group provided technical and application assistance to the Glencoe Library as part of the Illinois Energy Now sponsored Metropolitan Mayors Caucus Public Sector Energy Efficiency Program to help receive \$12,000 in Illinois Energy Now Incentives. This incentive package helped the library pay for the installation of the two smaller 95% efficient boilers. The new boilers are expected to improve occupant comfort and reduce the library’s gas use by more than 1,800 therms annually.



Testimonial

“I’m impressed by 360 Energy Group’s professionalism and guidance in helping us identify ways to save energy and improve the comfort of our building. Our patrons and local taxpayers will benefit tremendously from these improvements.”

Juliann M. Janovicz, Executive Director
Glencoe Public Library



Measures Implemented

- Upgraded to 95% efficient condensing boilers.



Annual Energy Savings: 1,883 therms



Project Incentives: \$12,289



Annual Cost Savings: \$1,544



Simple Payback: nearly 3 months



Project Costs: \$17,913



CO₂ Emissions Avoided: 22,010 pounds

Last Revised: June 2015