

Middletown Medical Facility Energy Audits

Middletown, New York



Completion Date: 2010

Novus Engineering, P.C. was selected to complete an energy study and develop energy savings project recommendations for two Middletown Medical outpatient doctor office facilities located in Middletown, NY. This energy study project was funded through NYSERDA's Flexible Technical (FlexTech) Assistance program. Together the two buildings have 28,000 square feet of

offices, patient exam rooms, restrooms, waiting areas, and medical equipment rooms.

Novus prepared building energy models and energy efficient designs for mechanical and lighting systems to minimize energy consumption. The project received \$22,000 in incentives under the NYSERDA's Pre-Qualified Lighting measures component of the Existing Facilities Program. Nearly all of the lighting fixtures in both buildings were replaced with new, high efficiency, low glare fixtures. Automatic lighting controls were installed throughout the facility.

For the mechanical system, economizer controls were repaired ensuring that the proper amount of outside air is being brought into the building. Various thermostats have been replaced and standardized to provide consistency throughout the facilities. Finally, heat pumps were repaired allowing them to use their compressors instead of the electric resistance during the winter months.

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