



Affordable Creek View Apartments



RECOGNIZED BY NY-GEO
2026 Top Job

Commercial | Industrial New Construction



Creek View Apartments Phase II is a 72-unit affordable family housing development in Canandaigua, New York, showcasing an integrated high-performance building approach. Supported by NYSERDA programs and Low-Income Housing Tax Credits, the project demonstrates how advanced building design and innovative mechanical systems can deliver durable, energy-efficient, and cost-effective affordable housing.

INSTALLATION DETAILS

The installation features a centralized Enertech variable-speed water-to-water geothermal heat pump system that provides 100% of the building's heating, cooling, and domestic hot water. Each building is served by a slightly oversized vertical bore field—approximately three 400-foot boreholes for one-bedroom buildings and four 400-foot boreholes for two- and three-bedroom buildings—to maintain stable entering water temperatures and support long-term performance. Factory-charged heat pumps using low-GWP R-454B refrigerant reduce refrigerant leakage emissions by approximately 97% compared to the distributed mini-split systems used in Phase 1.



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PROJECT DETAILS

Building Size:	72 Unit - One, Two, and Three Bedroom Apartments
Geothermal Equipment:	Enertech Variable Speed Water-to-Water (WV) - one unit covers 2-5 tons
Contractor / Installer:	Van Hee Mechanical
Savings:	\$36,779 per year when switching from Air Source Heat Pumps used in Phase 1 to Ground Source Heat Pumps and Solar PV used in Phase 2.



GEOTHERMAL LOOP TYPE
Vertical Loop



CONSTRUCTION TYPE
Retrofit



APPLICATION TYPE
Forced Air and 100% Domestic Hot Water

