

Geothermal + Solar = Savings

GEOTHERMAL HEAT PUMP AND SOLAR PANELS



“ We’re a very green family... we just try to make as small of a footprint as we can, but it’s also nice when that investment on the earth is a good investment for your wallet. ”

-Joe Gwin, Ossining

YEAR: 1950

BEDROOMS/BATHS: 3 BR/2 BA

STYLE: RANCH/ SPLIT LEVEL

HEAT SOURCE: OIL

SQUARE FEET: 2,000

CONTRACTOR: DANDELION

ENERGY SAVINGS: 72%*

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Joe Gwin and his family have long been passionate about sustainability; as an employee of Lion Electric, Joe sells electric buses and trucks to clients who want to help build a future of clean transportation. But when Joe noticed his heating bills skyrocketing, he knew it was time to replace his oil-based heating system.

After hearing about the incentives offered by Dandelion Geothermal, one of Sustainable Westchester's partner contractors, Joe scheduled a home energy assessment and quickly discovered how his family could benefit from a geothermal heating system.

Following the installation of their geothermal system, Joe noticed a drastic drop in heating bills, which have seen nearly a 60% decrease from their original monthly cost. The Gwins expect to see an even greater return on investment in the coming years.

HOMEOWNER CONCERNS

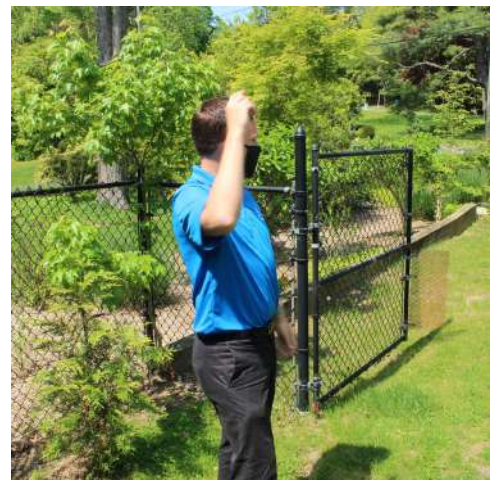
- High heating bills
- Desire to not use fossil fuels for the health and safety of his family
- Questioned the accuracy of his oil delivery data and bills

IMPROVEMENTS COMPLETED

- Geothermal heat pump
- Solar panels

BENEFITS & IMPACT

- **Savings:** Went from \$500 a month in oil bills to \$200 a month in electricity bills
- **Balanced Temperature:** The temperature of the house does not fluctuate as much. The air flow is great with the geothermal system!
- **Efficient in all seasons:** Comfortably warm in the winters, stays cool in the summers



ENERGY SAVINGS: 72%*

*Estimated savings based upon based upon available energy usage data