



## Project Information

### HOME DETAILS

- Woodbury, NY
- 3,305 Square Feet
- Single Family

### REPLACED EQUIPMENT

- Oil Boiler
- Oil Water Heater
- Central Air Conditioning System

### PROJECT OBJECTIVE

- Install Cold Climate Air Source Heat Pumps
- Weatherize Home and correct HVAC Duct Work deficiencies

## Estimated Project Savings

**ANNUAL FUEL COST:**  
\$6,706<sup>1</sup>

**10-YEAR COST OF OWNERSHIP SAVINGS:**  
\$45,961<sup>2</sup>

<sup>1</sup> \$ based replacing existing heating system

<sup>2</sup> Results per heat pump calculator tool found [here](#)

### FEATURED PARTNER

Bonded Energy Solutions Corp.  
[www.bondedenergysolutions.com](http://www.bondedenergysolutions.com)

### SERVICE PROVIDED

- High Efficiency Boilers
- Water Heaters
- Heat Pumps
- Steam Distribution Control
- Oil Level Monitoring
- Remote System Monitoring
- Thermal Solar

# Home Performance/ All Electric Home

## Whole House Solution

“The program has worked wonderfully under Bonded Energy’s guidance. We converted from an oil burner/baseboard heating system as well as old AC system to a completely integrated LG system that now provides my heating/cooling/domestic hot water. It has allowed me to also abandon my outdoor oil tank and maximize my energy efficiency in combination with the solar system that was installed congruently. This, coupled with switching my energy plan to allow for savings by charging my electric car and running appliances such as dishwasher/washer/dryer after 11PM has really provided me with tremendous savings and eliminating my need for fossil fuels. I would recommend this switch to absolutely everyone, and I do!”

Jason Wasserman, M.D



### Project Description:

Bonded Energy Solutions Corporation Installed a split system; consisting of an outdoor condenser (LG Multi VS), connected to a branch box, that is used to route the hot & cold refrigerant between ducted air handlers and a hydro kit. The Hydro Kit exchanges heat from refrigerant, to make domestic hot water, utilizing a reversed indirect tank. Along with weatherization measures, blown cellulose insulation into wall cavities to capacity, installed low expansion foam to seal air leakage through framing joist, sealed HVAC Duct work system and weather stripping as needed throughout the home.