



## RESIDENTIAL SOLAR CASE STUDY – MALTA, NY

### About the Installation

- A 6.66 kW roof-mounted solar PV system located in Malta, NY.
- The Adirondack Solar systems consists of 36 Schuco 185 watt modules.

### The Numbers and the Benefits

- Production: 7,060 kwh/year, covering 79% of the home's electrical usage
- 11.0% annual ROI the first year
- 25-year average ROI is 21.1%
- Hedge against inflation by locking in electric rates

### Resource Avoidance



**Coal**

1 year: 2.9 tons  
25 years: 72.5 tons



**Oil**

1 year: 536 gallons  
25 years: 13,400 gallons



**CO<sup>2</sup>**

1 year: 6.0 tons  
25 years: 151.0 tons

Call Adirondack Solar today. We'll be pleased to answer any questions you may have or provide you with a quote for your project.