



## COMMERCIAL SOLAR CASE STUDY – “STOUTRIDGE VINEYARD”

### About the Company

- “Stoutridge Vineyard” is a premium estate winery located in Marlboro, NY
- The HVCE roof-mounted system supplies energy for the vineyard’s agricultural, processing and retail operations

### The Numbers and the Benefits

- Production: 46,208 kwh/year, covering 94% of their electrical usage
- 62% of the costs were covered by NYSERDA and tax credits
- 6.8% ROI the first year
- 25-year average ROI is 13.1%
- Hedge against inflation by locking in electric rates

### Resource Avoidance



**Coal**

1 year: 18.8 tons  
25 years: 470.1 tons



**Oil**

1 year: 3,511 gallons  
25 years: 87,784 gallons



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

1 year: 39.6 tons  
25 years: 990.4 tons

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