



## MUNICIPAL CASE STUDY – “NYS - NORRIE POINT ENVIRONMENTAL CENTER”

### About the Company

- The Norrie Point Environmental Center serves as the headquarters of the NYSDEC Hudson River Research Reserve. Norrie Point is a platform for hands-on, field-based school and public education programs, research, and training. Here you can see Hudson River Estuary displays, learn about other free public programs, and view some of the amazing fish that make the Hudson River their home.
- The 29.7kw system is located on multiple southern roof surfaces and will cover close to a third of the buildings annual historical usage.

### The Numbers and the Benefits

- Production: 32,303kWh/year, covering 31% of historical electrical usage
- 55% of the costs were covered by NYSERDA and secured by Hudson Valley Clean Energy
- 4.8% ROI the first year
- 25-year average ROI is 9.3%
- Hedge against inflation by locking in electric rates

### Resource Avoidance



**Coal**

1 year: 13.2 tons  
25 years: 328.3 tons



**Oil**

1 year: 2,452 gallons  
25 years: 61,307 gallons



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

1 year: 27.7 tons  
25 years: 692.5 tons