

OPTIMIZING ENERGY EFFICIENCY PERFORMANCE

PHOTOVOLTAIC PANELS

Use of on-site renewable energy means a reduction of air and water pollution benefiting all community members. Rated at a maximum of 4.05 kilowatts, when the system was first turned on it delivered over 2.7 kilowatts.

Project Cost:	\$36000
NYSERDA Rebate:	\$16200
30% Federal Tax Credit:	\$5940
Depreciation:	<u>\$5940</u>
NET COST:	= \$7920

Adjusted Annual Electrical Savings:	\$1064
TOTAL YEARS TO PAYBACK:	7.4 YEARS



LEED FACTS

Building Size 2,133 square ft
Type of Building: Office

**LEED 2009 for Existing Buildings:
Operations and Maintenance**

% ELECTRIC USE 30%
PAYBACK PERIOD 7.4 yrs

Sustainable Sites

Water Efficiency

Energy & Atmosphere ✓

Materials & Resources

Indoor Environmental Quality

Innovation & Design

Regional Priority ✓

LEED Rating (Attempted) GOLD*
Credits Earned (Attempted) 61/110*

*The final results are subject to change



MICHAEL SHILALE ARCHITECTS, LLP

SUSTAINABLE STRATEGIES