



Solar Net Metering

by VTrans

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Orange Garage



Dimensions:

Solar Panels: 72

Panel Size: Roughly 5 ½ feet by 3 feet

Total Solar Array: 4 panels high by 18 panels long
13 feet high by 100 feet long



Cost: \$52,777*

Solar Panels: \$27,288

Rack System: \$6,598

Inverters: \$5,814

Foundation Materials: \$2,244

Miscellaneous Hardware/Lumber: \$1,102

Electrical Contractor: \$9,731

* Labor for sitework and installation of array assembly provided by district forces. Estimated savings of \$27,000.

Projected Power Production:

19,700 kWh – 21,000 kWh annually
\$4,200 worth of electricity (\$0.21 /kWh)

Power Allocation from Orange Solar Array:

- Orange Garage: 27%
- N Montpelier Garage: 29%
- New Haven Garage: 44%

Payback Period: 11 years (estimate)