

# SOLAR CONNECTION

Name River Valley School District  
Address 660 Daley Street  
Phone (608) 782-6003  
Date November 21, 2022  
Contact Aaron Benson, (608) 797-5163

System Rating: 100.4 kW | Number of Panels: 186 | SolarOffset: 31%

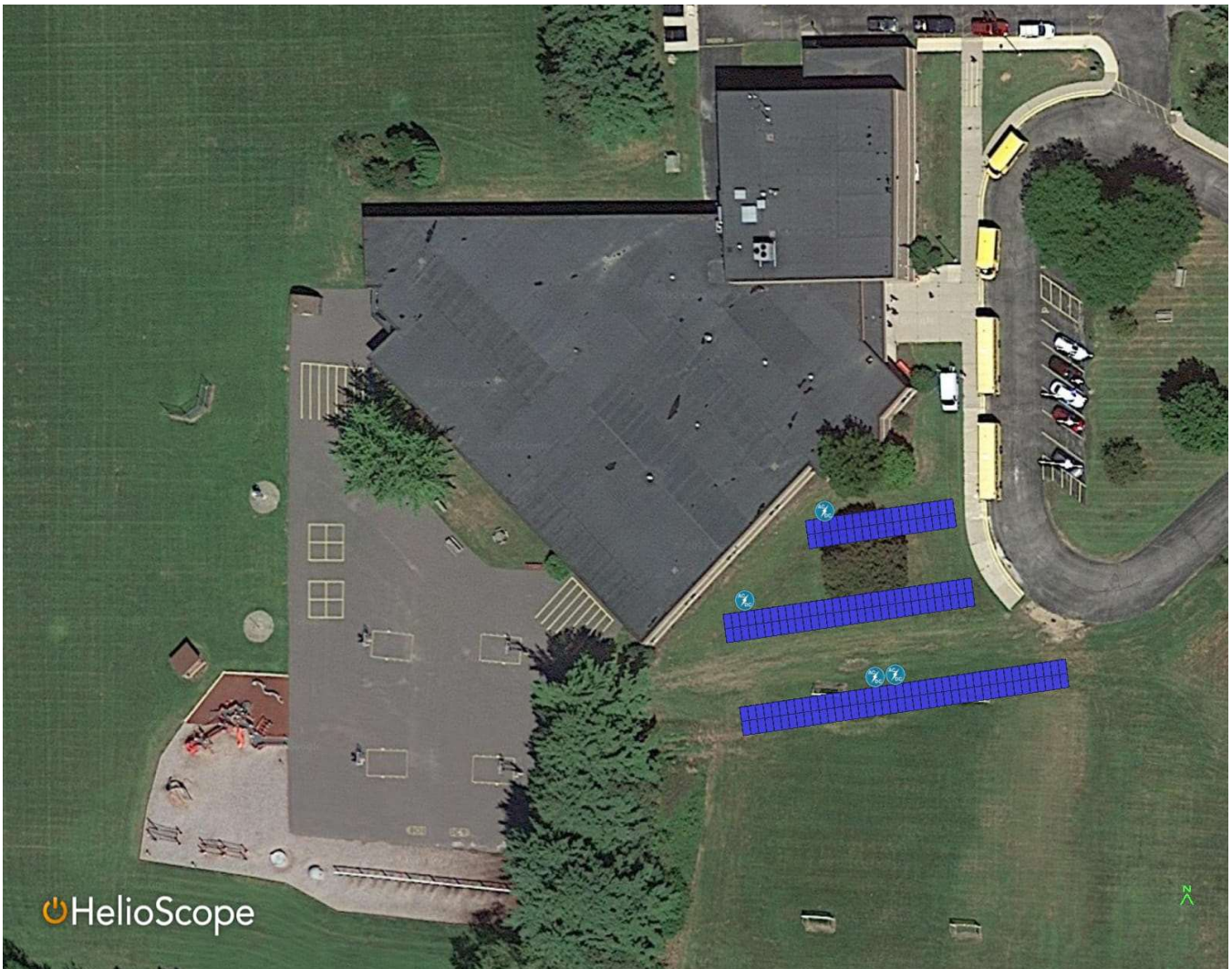


Diagram is an approximation

System Rating: 100.4 kW | Number of Panels: 186 | SolarOffset: 31%

\$379,025



Value of energy being offset by solar

\$203,000



Cost to install solar

\$129,056

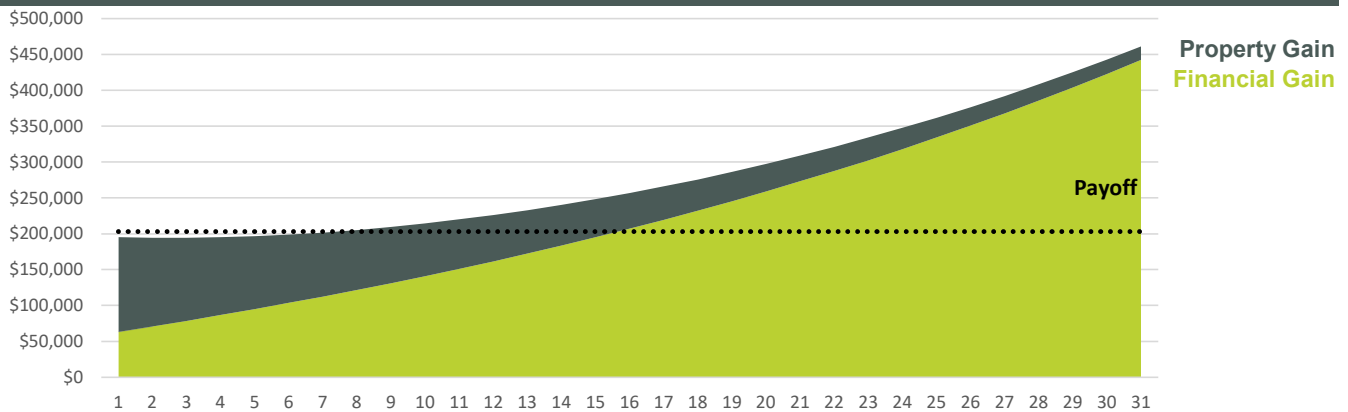


Cost to install solar after incentives

## Total Savings: \$249,969

Total Savings takes into account system cost, system production, financial incentives, utility fees, and estimated interest (if financing).

### Value by Year



Assuming national average electrical cost inflation of 3.7%. Exact numbers will vary year by year.

## Customer Information

**River Valley School District**  
 660 Daley Street  
 Spring Green, WI 53588  
 (608) 782-6003  
 bkrey@rvschools.org  
 Utility: Alliant  
 Annual Consumption: 405840 kWh  
 EnergyConsultant: Aaron Benson

## System Description

## Financials

System rating	100.4 kW	Installation cost	\$203,000
Production YR1	127000 kWh	Federal Direct Pay	\$60,900
Solar offset	31%	Focus on Energy rebate	\$13,044
		<b>Effective cost</b>	<b>\$129,056</b>
		30-YR production value	\$379,025
<b>Equipment</b>		<b>Savings</b>	<b>\$249,969</b>
Panels	186 X 540-watt Vikram panels	Cost per watt	\$2.02
Inverters	(3) 25 kW Solectria 208V Inverters Egauge Monitoring System	Lifetime ROI	2.9X
		Annual rate of return	6.5%
Mounting	30° Fixed Tilt Racking		
		<b>Payment Schedule</b>	
		Down payment	\$3,000
		To order equipment (65%)	\$131,950
		Upon system commissioning	\$68,050

### Notes

Contingent on Alliant's approval of interconnection plan. The effective cost is based on receiving the Federal Direct Pay, Focus on Energy incentive and Solar on Schools grant. The Solar on Schools grant has been taken into account and reduced the installation cost by \$31,500

## Environmental Impact

Installing your system will have the same environmental impact as:



Driving 6,330,811 fewer miles



Conserving 2,820,089 pounds of coal



Planting 43,165 trees

## Processes

- Design & permitting
- Installation
- Inspections & commissioning
- Support

## Property

## Return on Investment

- Acceptable site (area, shading, obstructions, upgrades)
- Remaining with property min. 5 years
- Warranties & insurance reviewed
- Transformer & engineering considered
- Electric vehicle potential considered
- Cost & savings reviewed
- Payment scheduled reviewed
- Incentives & financing reviewed
- Return on investment sufficient
- Annual rate of return sufficient

## Installation Order

The above prices, descriptions, and conditions are satisfactory and are hereby accepted, contingent upon approval for financing. You are authorized to do the work as described. I have read the General Conditions. Payments will be made as outlined.

Signed \_\_\_\_\_

Date \_\_\_\_\_

1. Your signed proposal and down payment reserves your place in the installation schedule.
2. Definition of allowances: There may be portions of your proposal labeled as "allowance." The allowance may be for reasons such as: 1) work awaiting a final decision which affects the final cost or 2) work requiring pricing from a subcontractor that has not been hired as yet. In these cases, an allowance has been set in your proposal towards funding the work. This allowance consists of Solar Connection labor, materials, subcontractor cost, and outside service costs. The allowance may or may not be enough to cover our actual costs. If the allowance is less than the actual costs, you'll be billed for the difference. If the allowance is greater than our actual costs, you will be issued a credit. If the allowance is worded "not to exceed" then the cost is guaranteed to be less than or equal to the allowance.
3. Unforeseen work: There may be work required to complete the project that was not covered in the proposal's work description. This is extra work required by building inspectors, fire marshal, engineers, plumbers, electricians, subcontractors, etc. Any necessary deviation from the above work description involving extra costs will become an extra charge over and above the quoted price. This work will be done on a time and materials basis. Depending on the work, this may be a combination of administrative time, actual labor doing the work, expenses from materials purchased, or subcontractor cost. The Solar Connection labor rate will be at \$50 per hour. This extra work would be covered in a Change Order, requiring a customer signature before the work is authorized.
4. Solar Connection is responsible for ensuring that all system components are functional and that work is carried out in a timely manner. We are not responsible for delays due to weather, accidents, or factors outside our control. We are also not responsible for delays due to faulty system components that require replacement, or manufacturer's delays in shipping components.
5. Cancellation Process: If installation has not begun, the customer may cancel this agreement (beyond the 3-day Right of Rescission guaranteed to the client) by following these steps:
  1. The customer will notify Solar Connection in writing.
  2. Solar Connection will refund the down payment and any other money received less actual costs incurred. These costs would consist of:
    - i. Design and coordination work that has already occurred.
    - ii. Equipment and materials purchased for the job, less the items that cannot be returned or reused.
    - iii. Shipping fees for equipment and materials returned to suppliers.
    - iv. Services purchased such as outside design, engineering, building permits, equipment rentals, etc.
  3. Solar Connection will pick up all unused equipment and materials (that are to be returned) which are stored on the customer's property.
  4. Solar Connection will prepare a cancellation memorandum to the customer itemizing the above costs. Once signed by both parties, the customer will either pay any balance due to Solar Connection or we will pay any refund due to the customer.
6. Disputes arising from the above procedures or the cancellation memorandum will be subject to arbitration.
7. All manufactured items are covered by the manufacturer's warranty only -- they are not warrantied by Solar Connection. Solar Connection guarantees our workmanship against defects for 24 months from the date of installation. We will remedy problems created by Solar Connection workmanship at no further charge to you. In the event that a manufacturer's system component should be discovered defective and require replacement, Solar Connection will arrange for the manufacturer to honor their warranty on the parts in question. In the case of equipment failure, the customer is responsible for labor costs not covered by the manufacturer's warranty.
8. Advertising: The customer agrees to allow Solar Connection to use photos of the system. No name or address will be included with the photos. The customer agrees to allow a Solar Connection lawn sign to be placed on the property during the installation and a reasonable amount of time before and after.
9. Solar Connection will need to access your property during the course of your project, plus an area to be designated for tool and materials storage. We'll also need access to a bathroom and use of electrical power.
10. Trash and debris generated by our work will be hauled away by Solar Connection. At the end of your project, all areas will be left in "broom clean" condition. We suggest that you protect any furnishings that may be in the work area and store them if necessary.
11. This proposal may be withdrawn or modified at the discretion of Solar Connection if not accepted within 30 days from the date issued.