

CCHS Solar Project Details

Solar Holler Proposal - 10.25% Offset

- Array Size: **162 Solar Panels** System Size: **84.2 kW**
- Annual Production: **100,153 kWh**
- The panels are mounted on **ballasted solar panel racks**, a secure way to mount the panels without piercing the roof materials. The panels have a 25 year product guarantee and a 30 year performance guarantee at 89.3%. The panels are manufactured in Dalton, Georgia and qualify for the **additional 10% domestic content credit**.

Initial monthly energy bill savings for CCHS of \$832 on monthly energy charge of \$8,119 (a 10.25% offset). Lifetime savings on energy bill of \$341,208 over 25 years.

Purchase Price:

- Pre-SREC Project Cost \$227,421
- Solar Holler SREC Purchase Rebate \$42,120
- Post SREC Rebate **Final Cost \$185,301**

Federal rebates to be received by the school in 2025:

- **30% Solar Credit \$68,226**
- **10% Energy Community Credit \$22,742**
- **10% Domestic Content Credit \$22,742**



Final Net Investment \$71,590 *

Net Lifetime Savings \$269,617 (Energy bill savings minus final net investment)

* CCHS has applied for a grant from the **Appalachian Solar Finance Fund** worth up to 20% of the project cost. The committee meets on October 9th to review our grant application.

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