

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 2026:

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



Final Net Investment \$71,590 *

* CCHS applied for and was awarded a **grant** from the **Appalachian Solar Finance Fund** for **\$37,060**, 20% of the project cost, and 52% of the school's final net investment. **Additional donor contributions to date total \$64,358**, allowing the **total cost of this rooftop solar installation to be covered through federal government rebates, the Appalachian Solar Finance Fund grant, and supportive donors.** **Additional donations are welcome** and will be **earmarked for expanding our solar capacity** once we have the roof on the oldest part of the school reroofed and ready to receive additional panels.

[Click here to donate!](#)

Donations can also be made by check payable to:

Charleston Catholic High School

1033 Virginia St. E.

Charleston, WV 25301

(Please note "CCHS Goes Greener" on the memo line)