CCHS Solar Project Details

Solar Holler Proposal - 10.25% Offset

- Array Size: **192 Solar Panels** System Size: **84.56 kW**
- Annual Production: **100,131 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 25 year performance guarantee at 90.6%. 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 $341,134 over 25 years.

Purchase Price:

- Pre-SREC Project Cost $250,203
- Solar Holler SREC Purchase Rebate $41,280
- Post SREC Rebate **Final Cost $208,923**

Federal credits to be received by the school in 2026:

- **30% Solar Credit $75,061**
- **10% Energy Community Credit $25,020**
- **10% Domestic Content Credit $25,020**

Final Net Investment $83,822 *

* CCHS applied for and was awarded a **grant** from the **Appalachian Solar Finance Fund** for **$37,060**, 18% of the revised project cost, and 44% 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 credits, 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.

We are counting on the **federal government credits to remain intact under Congress' current review of the Inflation Reduction Act**. The credits CCHS expects to receive in 2026 toward the overall cost of our rooftop solar project total **$125,101.**

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)