harvest solar

HABITAT FOR HUMANITY

NONPROFIT HOUSING ORGANIZATION
JACKSON, MI | CASE STUDY

Habitat for Humanity has successfully completed 5 solar projects, installing 26.3kW of roof-mounted solar arrays. These systems are saving families in total $4,220 annually in energy costs.

AT A GLANCE

CHALLENGES

- Upfront Costs
- Funding & Grants
- Weather & Geographic Factors
- Roof Suitability

BENEFITS

- Community Impact
- Improved Housing Conditions
- Long-Term Savings
- Energy Independence
- Increased Home Value

"Harvest Solar worked efficiently and professionally to complete the solar arrays on 5 of our houses. We appreciate the collaboration and generosity of Harvest Solar and Consumers Energy funding the projects, significantly reducing the energy costs for the families living in the homes."

DAVE BEHNKE
Construction Coordinator

Scan the QR Code to learn more about Habitat for Humanity's Solar Success Story!

OBJECTIVES

With a mission to build homes, strengthen communities, and create hope, Habitat for Humanity is dedicated to improving housing conditions for families in need. Access to safe, affordable, and sustainable housing is a crucial part of this mission, and finding ways to reduce long-term costs for homeowners is always a priority. Recognizing the potential of renewable energy, Dave, the Construction Coordinator, sought to integrate solar power as a way to help families achieve greater financial and energy stability. By reducing reliance on traditional utilities, solar provides families with long-term savings, increased energy independence, and a path toward a more secure and sustainable future.

SOLUTIONS

Harvest Solar shares this commitment to empowering communities, making a partnership with Habitat for Humanity a natural fit. As a local solar provider, Harvest Solar understands the impact that renewable energy can have on families working toward homeownership. Ken Zebarah worked closely with Dave to design and install solar systems for five homes in Jackson County, ensuring each system was optimized for efficiency and long-term performance. By embracing solar, families gain the opportunity to invest in their future while strengthening the communities they call home.

FAST FORWARD

Estimated kWh Generation
These 5 solar arrays has a combined nameplate capacity of 26.3kWdc and is estimated to generate approximately 33,915kWH per year.

Estimated Savings
The projected savings on utility bills over 30 years from these solar arrays amount to $228,014.

Estimated CO2 Offset
The 5 solar array's estimated CO2 offset is equal to the emissions from burning 659,210 pounds of coal.

Project Funding
With the partnership of Harvest Solar and Consumers Energy, these projects have been funded locally.