

## Rural Development



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Project Type: Low and moderate income single family housing

Renewables: Photovoltaics

Project Summary: Rural Development, Inc. works throughout Franklin County to develop and maintain low-to-moderate-income housing and constructs twelve new housing units throughout the county each year. Using a \$20,000 feasibility study grant funded by MTC, Rural Development evaluated its existing housing prototype, which currently meets the EPA's Energy Star goals, to determine the potential for incorporating renewable energy into a standard design. Through its current \$67,000 design and construction grant, Rural Development will construct four pilot homes totaling 5,000 square feet that will include advanced heating, windows, insulation, and 1 kilowatt of photovoltaics per home. These pilot homes will be tested for both energy and cost efficiency and will inform future modifications to Rural Development's standard home prototype. The project has significant potential for replication by low-income single family housing providers and market rate developers interested in the integration of renewables at minimal cost.

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