

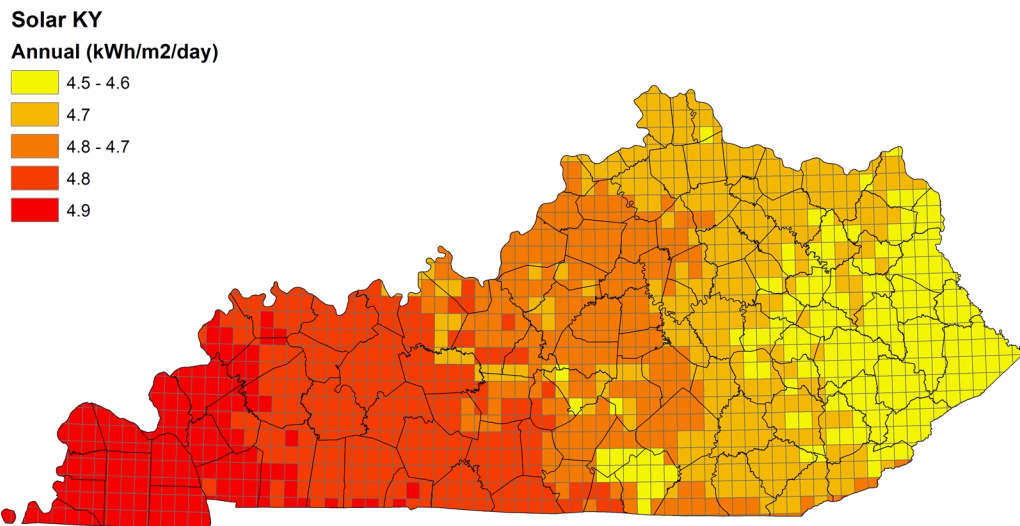
Solar Energy in Kentucky

Types of Solar Energy Applications

Passive solar design of buildings is one of the most cost-effective uses of solar energy. Passive solar design integrates a combination of building features to reduce or even eliminate the need for mechanical cooling and heating and daytime artificial lighting.

Solar water heaters are also economical in Kentucky's climate. Residential solar water-heating systems reduce the need for conventional water heating by about two-thirds, and solar pool heaters can extend the swimming season by several months.

Photovoltaic systems convert energy from the sun to electricity. Kentucky has moderate solar resources, but the potential to generate electricity from the sun will vary based on location.



Solar Equipment Installers:

[North American Board of Certified Energy Practitioners](#)

[Kentucky Solar Energy Society](#)

Building Codes, Standards and Easements

[Solar American Board for Codes and Standards \(Solar ABC's\)](#)

[Kentucky Division of Building Codes Enforcement](#)

[Kentucky Solar Easement Statute](#)

Calculate Solar PV Energy Production

[PVWatts Solar Calculator](#)

Incentives

[Database of State Incentives for Renewables & Efficiency](#)

Financing

[Paying For Solar – Tips For Financing a Residential System](#)

Energy Project Assessment Districts : EPAD Kentucky is a new financing option available to commercial, industrial, non-governmental organizations, and multi-family building owners across the Commonwealth. EPAD Kentucky is the implementation of a new state law adopted in 2015 (KRS 65.205) that allows a property owner to finance energy and water saving improvements with a voluntary special tax assessment on the property.

[USDA Rural Energy for America Program](#): USDA REAP: Provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements.