PV on a Pole™

BENEFITS

• PV on a Pole costs less than $3 per watt fully installed.

• PV on a Pole is suitable at any home with available space and direct sunlight.

• PV on a Pole can be installed in the ground at homes that cannot support rooftop solar, such as manufactured homes.

• Electricity rates and household electric demand vary, but in some cases, PV on a Pole can offset up to half of a household’s electric bill.

• PV on a Pole could work with a variety of flexible financing terms.

Victor Perez stands next to his PV on a Pole installation at Nambe Pueblo, New Mexico.

ECMD seeks partners—cities, states, and tribal governments, electric utilities, nonprofits, and solar companies—to scale PV on a Pole deployment.

If you are interested in learning more about PV on a Pole, please contact:

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PV on a Pole™

A Versatile and Affordable Solar Solution to Cut Electricity Bills

PV on a Pole is a standalone photovoltaic (PV) system comprised of four solar panels mounted atop a vertical pole.

This new solar product, developed by the New Mexico Energy Conservation and Management Division (ECMD), provides a minimum of 1.32 kilowatts of electric capacity.
PV on a Pole™ is easy to install

PV on a Pole can be **installed in under four hours** with a truck-mounted auger drill.

PV on a Pole can be **removed, transported, and reinstalled** during the lifetime of a system.

PV on a Pole **does not require any roof improvements** or roof load considerations that could impact the feasibility of rooftop solar panels.

In areas that require shading, the PV panels **can be installed to provide shade and cooling** while maximizing the available solar resources.

Standardized production and assembly, screw-mounted installation, and flexible financing terms make PV on a Pole a versatile and affordable solution for a variety of households, including manufactured homes that often cannot support the weight of roof-mounted solar panels.

ECMD has installed and tested several prototypes of PV on a Pole and is **looking for new partners** to demonstrate, commercialize, and adopt this innovative solar system design.