



# Distributed Solar Unlocks Ratepayer Savings



## Great Returns on Maryland's Investments

Service Territory	Capacity Deployed (MW)	Annual Impact	Estimated Capacity Value (current capped price)	NET RATEPAYER SAVINGS
BGE	524.2	\$8,918,119	\$73,388,000	\$64,469,881
Pepco	315.7	\$4,526,955	\$44,198,000	\$39,671,045
DPL	119.1	\$2,673,104	\$16,674,000	\$14,000,896
PE	127.1	\$1,314,842	\$17,794,000	\$16,479,158

Energy generated locally is avoided energy that the utility to purchase and deliver via PJM. **That's instant and annual savings.** Utility bills would be even higher without all this distributed solar.

The annual impacts of distributed solar — like rooftop and community solar — are significantly less than the capacity values of these in-state resources at current PJM auction prices. Net metering does have a cost impact on distribution rates of utilities, as shown above. That means that across the service territories, the potential costs to customers are **only 7-16% of the value of the reduced capacity purchases** in the PJM market.

## Value of Rooftop Solar in the BGE Territory in 2025

BGE has **563 MW of installed rooftop solar capacity** which produces approximately **732 GWh** of electricity, approximately 3% of delivered electricity to the eligible customer classes.



The chart shows the **\$176M in value** of solar in avoided costs BGE would have incurred to serve this additional load, and avoided RGGI payments and REC obligations.

**This chart does not include market price impacts (DRIPE), locational, economic and health benefits.**

Producing solar energy within Maryland's borders - directly within the distribution system and close to load - has real value.

This **in-state generation reduces Maryland's exposure to PJM's energy and capacity markets**, reduces line losses and provides locational benefits.