



# Dominion Virginia Power Solar Program

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### The Solar Revolution in Virginia

300+ sunny days a year in Virginia, but only 4% of homes using solar power. Wait, no - that's actually Arizona's stats. Here's the kicker: Virginia gets about 205 sunny days annually, yet the Dominion Virginia Power Solar Program has tripled residential participation since 2020. Why the sudden surge? Let's unpack this solar puzzle.

### How the Program Works (Without the Jargon)

Dominion Energy's basically playing matchmaker between homeowners and sunlight. Through their Solar Purchase Program, they'll install panels on your roof at zero upfront cost. You then buy the generated electricity at rates 20% below standard - sort of like a Netflix subscription for solar energy. But here's where it gets clever: excess power goes back to the grid, earning you bill credits through net metering.

### The Battery Bonus

New in 2023: integrated battery storage options. During last February's cold snap, participants with Tesla Powerwalls kept lights on for 18 hours during outages. Not too shabby, eh?

### Show Me the Money

Let's cut to the chase - how much green does this save? Average participants report \$35/month savings, but early adopters in Richmond saved \$512 last summer. The secret sauce? Virginia's Renewable Energy Tax Credit (25% up to \$5,000) combined with federal incentives. Pro tip: file both, and your 5kW system could cost \$8,000 instead of \$15,000.

### Global Lessons: Germany's Solar Playbook

Germany's been rocking solar since the 90s - 8% of their total energy comes from rooftops. Virginia's program borrows their "Energiewende" model but adds American spice: faster permitting (3 days vs. Germany's 6 weeks) and battery incentives. Still, Berlin's community solar co-ops could teach us a thing about neighborhood participation rates.

## Rethinking Rooftop Solar

Here's the plot twist: maybe your roof isn't the best spot. Dominion's Community Solar Program lets you buy into shared solar farms. For urban dwellers or shaded homes, this could mean 80% cleaner energy without panel installations. Over 6,000 Virginians have already jumped on this bandwagon - could you be next?

## 5 Burning Questions Answered

### 1. What if I move?

Your solar contract transfers to the new homeowner - no strings attached.

### 2. Can renters participate?

Absolutely! Community solar requires no property ownership.

### 3. How's this different from Georgia Power's program?

Virginia offers better battery incentives but Georgia has slightly higher production credits.

### 4. What maintenance is required?

Dominion handles all panel cleaning and repairs - you just enjoy the savings.

### 5. Will it work with my smart home setup?

The system integrates with Nest, Alexa, and most energy monitors seamlessly.

Web: <https://www.mavhone.co.za>