

What is the RSR Program?

The **Rooftop Solar Rate** program is a **voluntary, LPC-led pilot** that makes small-scale and rooftop solar more economical to customers by offering fair value for excess solar energy they send back to the grid — using tools LPCs already have.

How it works:

- **LPC adds a layer of credit** that counts towards its **flex allowance**
- Customers receive an **export-credit** at or close to **wholesale value**

RESULT: a simple, single export credit rate that's easy to explain, easy to implement, and aligns with TVA's Flex agreement structure.

The Rooftop Solar Rate Program is a low-risk, customer-supported, LPC-controlled pilot that costs little to nothing at the wholesale level, is easy to implement, builds community trust, and makes solar work better for everyone.

Questions?



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ROOFTOP SOLAR RATE PROGRAM



A FLEXIBLE, UTILITY-LED APPROACH
THAT ENHANCES CUSTOMER SOLAR
PARTICIPATION WHILE STRENGTHENING
THE UTILITY'S ROLE IN SUPPORTING
RELIABLE, COMMUNITY-BASED ENERGY.

WHY CONSIDER THIS?

More households, farms and small businesses want solar — but today's export value makes it hard to justify. This program offers a **practical middle ground** that:

- Responds to customer demand
- Keeps program control local
- Avoids complicated rate design
- Helps strengthen the grid

THE BREAKDOWN:

- Flex credit to solar customers = LPC-chosen \$/kWh value (5-7¢ per kWh)
- Total RSR credit = up to wholesale value (~7¢ per kWh)

HYPOTHETICAL SOLAR-CUSTOMER SCENARIO:

300 kWh/month exported to grid

Total credit:

$300 \times \$0.07 = \$21/\text{month}$

~\$252/year

Not excessive, but just enough to make solar more practical.

WHAT IT LOOKS LIKE ON THE BILL:

One simple line item:

"Solar Export Credit: XX kWh × \$0.0X"

- No complex tiers
- No time-of-use rates
- No separate settlement systems
- No check cutting — just bill credits



WHY THIS IS AN EASY LIFT FOR LPCS:

- Uses **Flex allocation** you already **control**
- **No wholesale cost increase** (credits align with avoided/wholesale value)
- **Minimal admin burden** (fits into current billing systems)
- **Voluntary and scalable**
- Not a new program to build from scratch — it's a **light-touch add-on to what already exists**.

BENEFITS TO LPCS:

- Builds **goodwill with customers and communities**
- Positions LPC as a **local energy leader**
- Encourages **distributed generation that reduces peak demand exposure**
- Supports **resilience and load diversity**
- Avoids **net metering debates and cross-subsidy concerns**
- Supports local decision making — not top-down mandates

BENEFITS TO YOUR CUSTOMERS:

- **Fairer value** for the energy they produce
- Simple, predictable **credit** (no confusing rate structures)
- Makes solar a realistic option — not just a luxury

BENEFITS TO THE SYSTEM:

- Reduces **peak demand stress**
- Improves **local resilience during extreme weather**
- Keeps **energy dollars circulating locally**
- Provides real-world data for future planning

PILOT DESIGN (FLEXIBLE + LOW RISK)

- **Target:** 50–500 participants (based on LPC size)
- **Eligibility:** Residential & small commercial (≤ 50 kW, adjustable)
- **Timeline:** 24–36-month evaluation

WHAT THIS PILOT IS NOT

- Not net metering
- Not a mandate
- Not a subsidy from other customers
- Not a TVA policy change
- Not a regulatory overhaul

It's a simple way to innovate locally using tools you already have.