



Solar for All: Leveraging Federal Funds to Advance Your Community's Priorities

Connected Communities Webinar Series

November 12, 2024



Welcome

- The Latest From Connected Communities
 - Upcoming Webinars
 - Community Information Hub
 - Rural Renaissance Roadshow
- Solar for All at TVA
 - **Brett Thompson**, Manager, Commercial Energy Solutions, TVA
- Solar for All at TDEC
 - **Nola Hastings**, Senior Grants Program Coordinator, Tennessee Department of Environment and Conservation
- Panel Discussion
- Close Out

The Latest From Connected Communities

Connected Communities Initiative

We're helping communities embrace technology and data solutions to overcome their challenges and prepare to be part of the energy system of the future.

FOCUS AREAS



Broadband and Digital Literacy



Economic Empowerment



Energy and Environmental Justice



Enhanced Community Resiliency

RESOURCES



Community Information Hub and Website



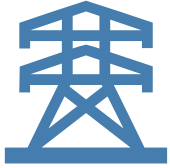
Tailored Support and Success Coaching through Partnerships



Pilot Project Funding



Network to Share Information and Success Models



Upcoming Webinar

Regional Grid Transformation:

Building a resilient, flexible and integrated energy system.

Tuesday, Dec. 10, 1:00 – 2:00 pm ET

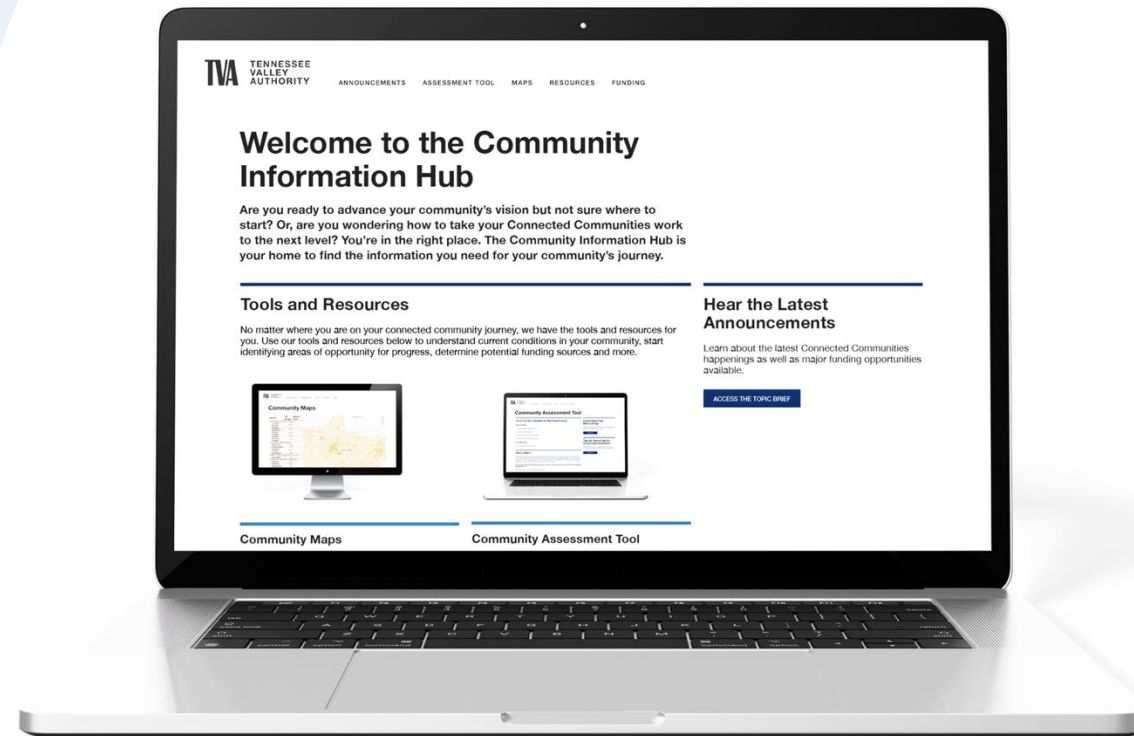


REGISTER NOW



Community Information Hub

A new, interactive tool is available to help **assess your community needs, prioritize solutions and identify funding opportunities.**



Metropolitan Memphis Green Financial Corporation

As part of the initiative's community partnership offering, the Connected Communities team is supporting the Metropolitan Memphis Land Bank Authority (MMLBA) in establishing its green bank subsidiary.

GREEN BANK OVERVIEW



Aligns with MMLBA's Vision

Aligns with MMLBA's vision of reducing blight by financing projects that promote sustainability and align with community needs



Provides Sustainable Project Funding

Aims to provide accessible financing for projects that promote energy efficiency, green infrastructure and renewable energy



Anticipated Benefits

Potential benefits of projects financed by the green bank include a reduction in energy use and power bills, heat island effect mitigation, air quality improvement and the creation of green jobs



Successfully Launched

On October 29, MMLBA officially launched its Memphis-focused green bank subsidiary, the Metropolitan Memphis Green Financial Corporation, in collaboration with Memphis Mayor Paul Young. Attendees included a wide range of local elected officials, as well as the Department of Energy.

Meet Today's Speakers



Brett Thompson

Manager, Commercial Energy
Solutions, TVA

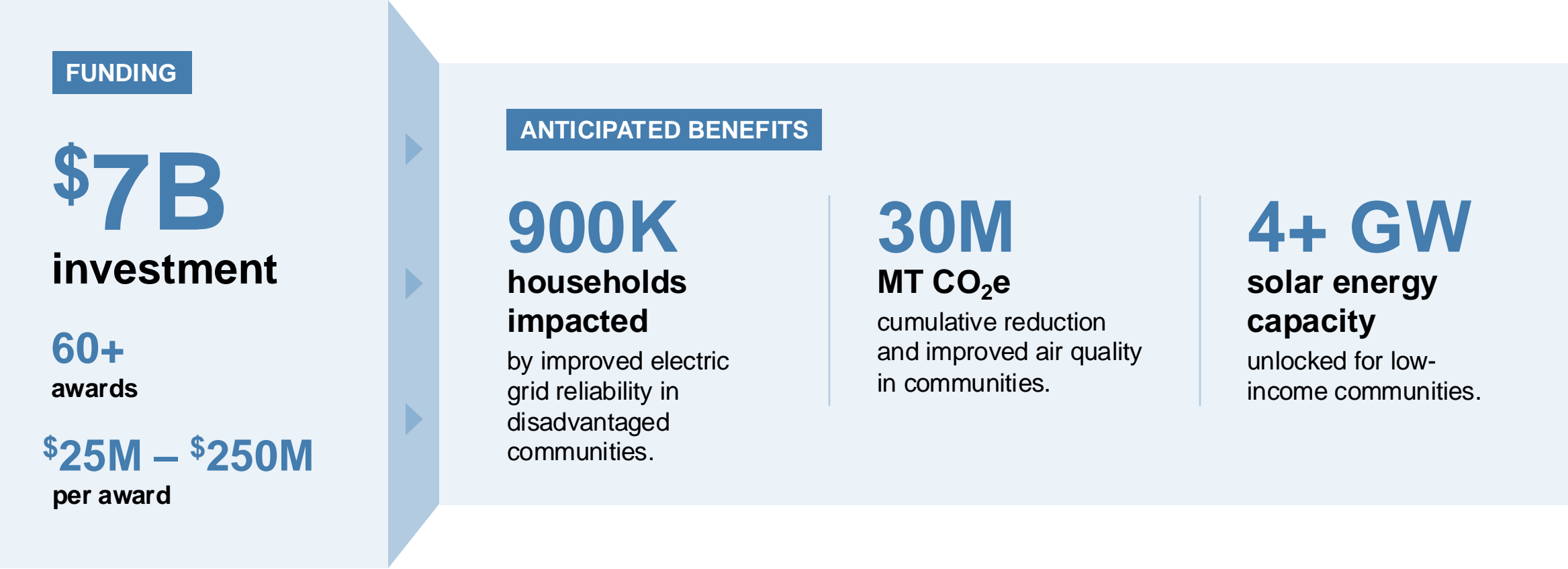


Nola Hastings

Senior Grants Program
Coordinator, TDEC

Solar for All at TVA

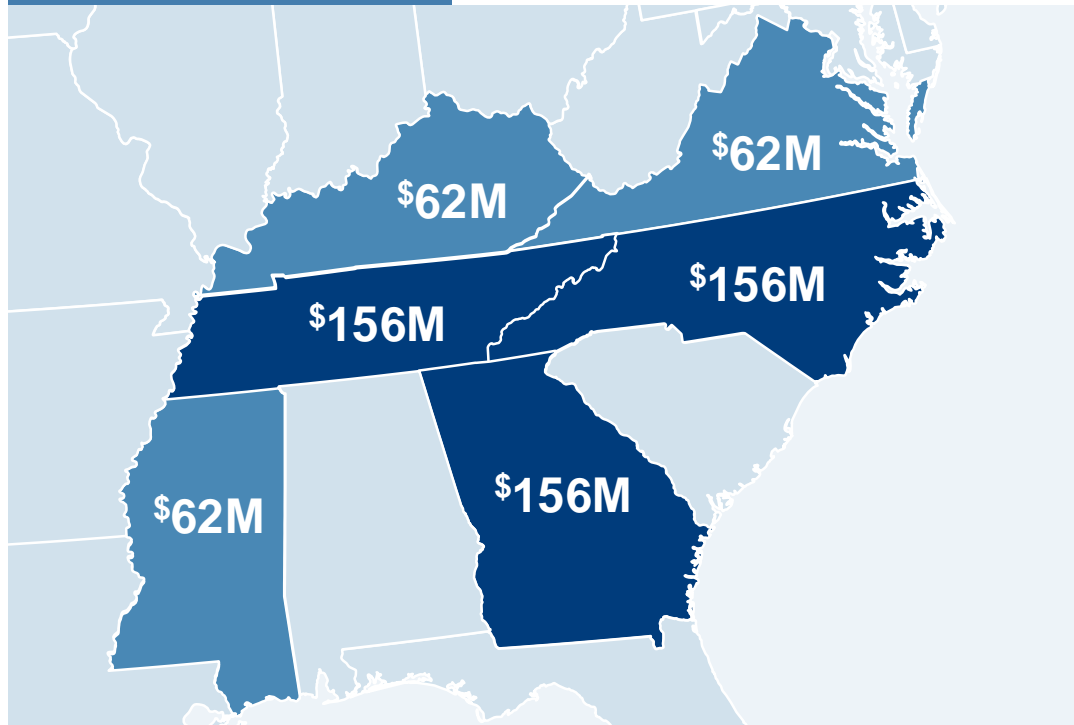
Solar for All (SFA) Funding by the Numbers



Award Distribution in TVA's Service Territory¹

Each SFA selectee is developing their framework to distribute funds within a five-year period that began on September 1st, 2024.

AWARD DISTRIBUTION



MULTISTATE GRANTEES

Grantee	Funding Amount ²
Inclusive Prosperity Capital, Inc	\$249,300,000
Groundswell Inc.	\$156,120,000
Clean Energy Fund of Texas	\$156,120,000
Oweesta Corporation	\$156,120,000
GRID Alternatives	\$249,800,000

SFA Alignment With TVA Programs

Providing clean, low-cost, reliable power to the Tennessee Valley is foundational to TVA's mission of service. TVA currently has two programs that align with the implementation of Solar for All projects.



Generation Flexibility

Enabled by TVA's Long-Term Partner Agreement with local power companies (Valley Partners), Valley Partners can generate a portion of their total energy load (5%) to meet the renewable energy goals of their customers. Examples include community solar projects, LPC solar farms, etc.



Dispersed Power Production (DPP)

This program is consistent with PURPA requirements and allows companies or residential customers to produce renewable energy such as solar, or co-generate green energy such as biomass, and sell all or excess generation back to TVA at TVA's avoided cost.

Solar for All at TDEC

Tennessee's Solar for All Program

- The TN Department of Environment and Conservation's Office of Energy Programs (TDEC OEP) is the lead for and will design and implement the TN Solar for All Program.
 - TDEC OEP will continue to engage TVA's Renewable Programs Team to inform elements of program design and implementation.
 - Solar for All will consider **leveraging TVA's existing programs**, including the Dispersed Power Program and Local Power Company utilization of the Flexibility Program.
- TDEC OEP was selected to receive an award of **\$156,120,000** to support residential-serving community solar and residential rooftop solar (as defined by EPA).
 - EPA will withhold \$400,000 of these funds (and from every award) to fund the National Solar for All Technical Assistance Program.
 - 85% will fund eligible **financial assistance**.
 - 9% is reserved for **administrative costs**.
 - 6% will fund project-deployment **technical assistance and workforce development**.
- TDEC OEP is currently interviewing for an SFA program lead and will be opening 2 program manager positions to support SFA in the near future.

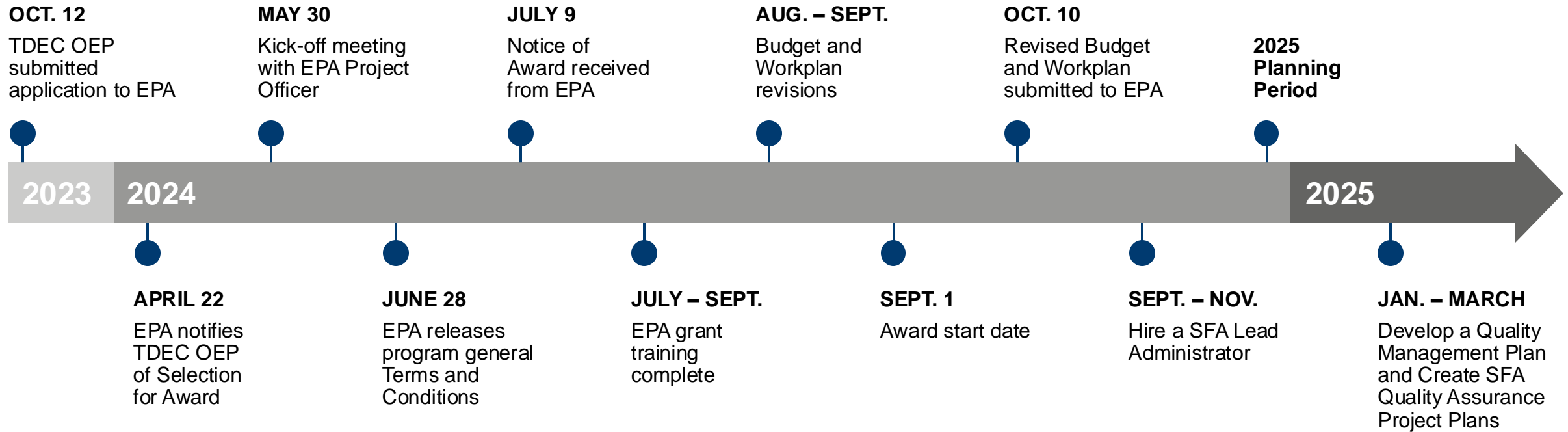
Planning Period

- TDEC OEP elected to include a one-year program planning period to provide time to refine program plans after receiving an award from EPA and before beginning to deploy financial and technical assistance.
- TDEC OEP's one-year planning period will begin when EPA approves the revised workplan, timeline, and budget.
- During the planning period, OEP will:
 - Continue engaging with Stakeholders via our monthly update call;
 - Complete final revisions to the workplan, budget and timeline (due at the conclusion of the planning year);
 - Define both “**Local Project Implementation Teams**” and the “**Statewide Program**” with regard to identification, process, expectations, and roles/responsibilities for each, etc.;
 - Release a Notice of Intent for Local Project Implementation Teams;
 - Develop and issue a Request for Proposals for Statewide Program Implementer to address additional communities;
 - Engage in contracting process with Local Project Implementation Teams and Statewide Program Implementer;
 - Develop Technical Assistance and Workforce Development programs.

Financial Assistance Models

- **Financial Assistance** = grants for residential-serving community solar and residential rooftop solar (EPA defines rooftop solar as behind-the-meter solar photovoltaic (PV) power-producing facilities, including rooftop, pole-mounted, and ground-mounted PV systems); associated storage; and “enabling upgrades.”
- **Residential rooftop solar, storage, and upgrades will be fully funded.**
- **Level of cost share required for residential-serving community solar project types or scenarios (e.g., 100% residential-serving; 60% residential-serving / 40% LPC-serving; 50% residential-serving / 50% LiDAC school serving) will be determined during the one-year planning period.**
- TDEC OEP will explore financial models to support the sustainability of the program (e.g., escrow for ongoing O&M) and maximize the use of EPA's funding.

Timeline and Next Steps



Panel Discussion

Let's Stay Connected



Continue the Conversation

Contact Georgia Caruthers to learn more:

gmcaruthers@tva.gov

Or

ConnectedCommunities@tva.gov



Join Our Connected Communities Network

Visit the Connected Communities website and sign up to be part of the Connected Communities Network:

tva.com/connectedcommunities



Access Our Resources

Access the Community Information Hub and relevant guides:

[Community Information Hub](#)

TVA

**TENNESSEE
VALLEY
AUTHORITY**