

Maryland Clean Energy Resilience Toolkit

Maryland communities face growing challenges from changing energy, economic, and environmental conditions, including rising energy costs, increasing infrastructure stress, evolving reliability concerns, and greater environmental risks. The Maryland Clean Energy Resilience Toolkit provides a practical, step-by-step process to help communities evaluate these conditions, assess risks and vulnerabilities, and identify practical, fundable response actions.

Designed for local governments and their partners, the Toolkit helps strengthen the resilience of communities, infrastructure systems, and local economies through clean-energy strategies. It supports planning for both sudden disruptions — such as storms, outages, and extreme events — and long-term stresses including affordability pressures, infrastructure strain, and changing environmental conditions.

WHAT IT HELPS YOU ACHIEVE

Resilience	Reliability	Affordability
Communities anticipate, withstand, and recover from disruptions.	Stronger, more dependable energy systems.	Lower costs and better value for residents and businesses.
Health	Economic Gain	Clean Energy
Cleaner, safer places and healthier people.	Local jobs, investment, and economic opportunity.	Lower pollution and a sustainable energy future.

WHAT THE TOOLKIT IS

A four-phase, ten-step planning procedure that combines issue and audience scoping, problem assessment (including risk and vulnerability), solution development, and implementation and learning — paired with detailed technical guidance, hands-on tools, and a reference library of Maryland-specific data sources, programs, and partners. Every step is supported by example prompts, decision criteria, and links to tools, resources, and active funding and technical assistance pathways.

COMPANION DELIVERABLES

Main Report	Guidebook	Planning Workbook	Decision-Maker Checklist	Resilience Action Catalog
Full procedure with worked examples and the load-growth running case.	Mid-length implementation companion organized by phase and step.	Step-by-step prompts with example answers and Maryland resources.	Working reference for elected officials, executives, and project sponsors.	Option screening tool for evaluating and comparing resilience solutions.

WHO IT IS FOR

- **Local government staff & planners** — Evaluate risks, identify practical resilience actions, and align projects with funding and implementation opportunities.
- **Elected officials & executives** — Make defensible decisions on what to fund, what to prioritize, and how to communicate trade-offs to constituents.
- **Community partners & advocacy organizations** — Engage agencies and utilities with a shared planning framework and clear documentation requirements.
- **State agencies (MEA, MDEM, MDE, MDOT, DNR)** — Coordinate with localities on resilience priorities and program alignment.

GET STARTED

- Begin with the Decision-Maker Checklist or the Guidebook along with the Main Report, then start using the Planning Workbook.
- For program-specific funding questions, see Appendix A.
- For technical assistance, contact the Maryland Clean Energy Center.