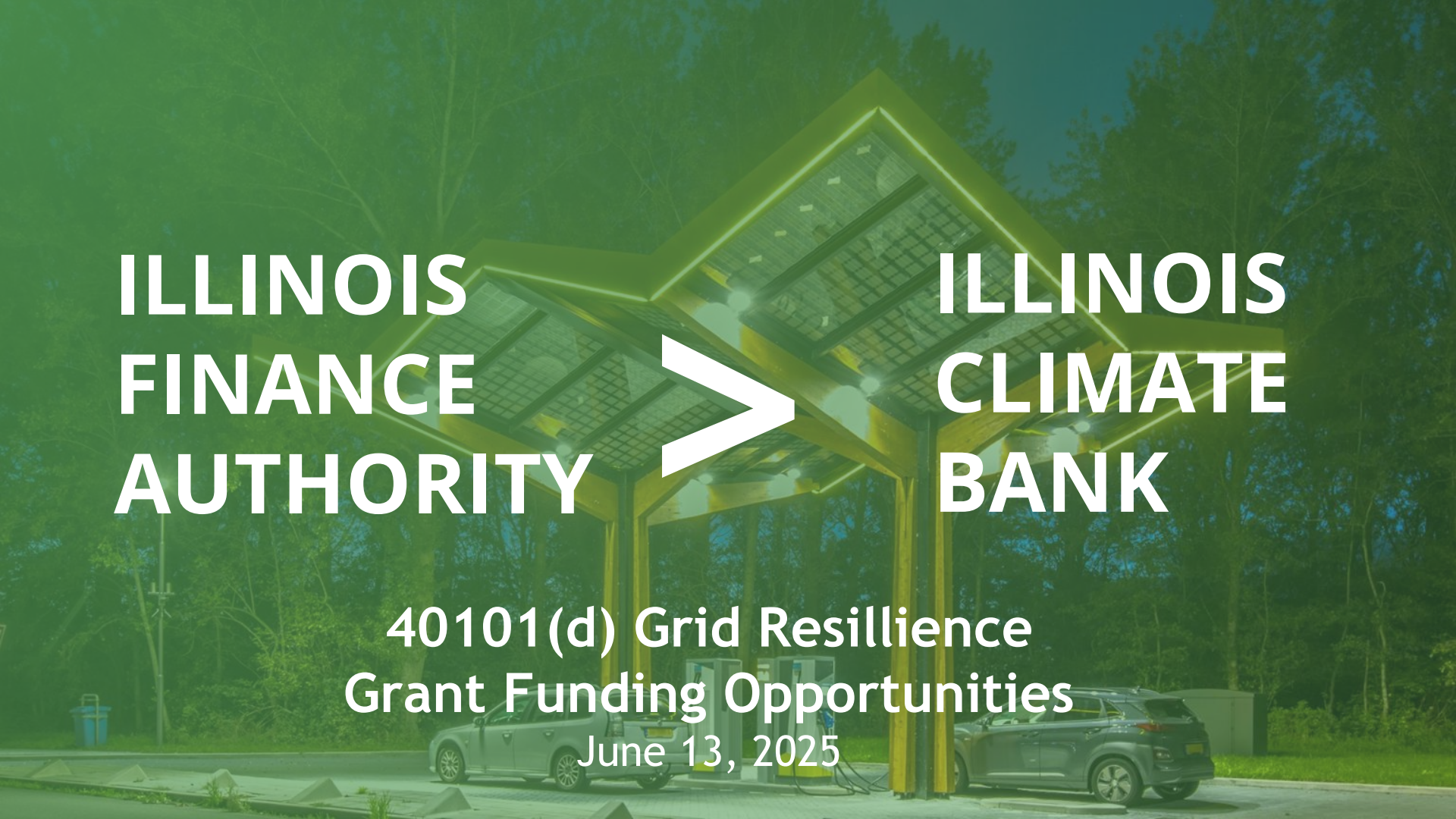


ILLINOIS FINANCE AUTHORITY > ILLINOIS CLIMATE BANK

40101(d) Grid Resillience Grant Funding Opportunities

June 13, 2025

Agenda:

- Climate Bank Overview
- 40101d Grid Resilience Formula Grants NOFO
- Q&A
- Other IFA Resources

IFA
ILLINOIS FINANCE AUTHORITY

ILLINOIS
CLIMATE
BANK

CLIMATE BANK PURPOSE

(1) the distribution of the benefits of clean energy in an equitable manner;

(2) making clean energy accessible to all; and

(3) accelerating the investment of private capital into clean energy projects in a manner reflective of the geographic, racial, ethnic, gender, and income-level diversity of the State.

– Climate & Equitable Jobs Act, 2021 (20 ILCS 3501/850-15)

Introducing the Illinois Climate Bank Website

The Illinois Climate Bank website is now live! Visit our website to learn more about these grant opportunities and additional financing programs supporting clean energy, decarbonization, and climate resilience across the state.

https://illinois-climate-bank.web.app/

40101(d)
GRID RESILIENCE FORMULA GRANTS
Program

GRID RESILIENCE 40101(d) FORMULA GRANTS

US DOE award $40 M to State of Illinois over 5 years.
$24 million has been awarded for Y1, Y2 and Y3.

- **Grants:** IFA/CB will award grants to improve reliability and resilience
- **Priority**: Illinois Equity Investment Eligible Communities (EIEC map)

OPPORTUNITY:

- NOFO#2 open for pre-applications - **due June 30**
- IFA website
- NOFO

Submission:
File pre-application through AmpliFund/GATA portal

40101(d) – Grid Resilience – NOFO#2

Available Funding: $14,400,000

Pre-applications due June 30, 2025

Expected amounts of individual awards:
$150,000 - $8,000,000 per project.

- **Project Period:** 2026-2031
- **Type:** Grant
- **Cost Match**:
  - Small utilities match 1/3 + 15%
    sells not more than 4,000,000 MWh electricity per year
  - Large utilities and other entities match 1:1 + 15%

Example: if you are requesting $1 million in federal funding for your project:

- **Small Utility:** provide a non-federal cost match of $150,000 (15% of federal funds) plus $333,333 (1/3) for your project, so your total cost match would be $483,333. Your total project value would be $1,483,333.
- **Large Utility or any other Eligible Entity that is not a Small Utility:** provide a non-federal cost match of $1,150,000 (115%). Your total project value would be $2,150,000.

Prioritized Project Types

COMMUNITY RESILIENCE HUBS
Community gathering places that can provide life-essential or other support services to communities during extreme weather and grid-related events.

CRITICAL FACILITY MICROGRIDS
Essential public services that serve large populations that would pose risks to public health & safety if they lost power for extended durations.

EMERGENCY EQUIPMENT SHARE
Support efforts of small municipal and co-op utilities to prepare for and quickly recover from storms by creating a hub of easy-to-access essential equipment that otherwise has long lead times.

COMMUNITY-DRIVEN INITIATIVES
Comprehensive efforts that address resilience needs of a community, that is driven by local community planning efforts. This could include seed funding for early-stage planning.

REPLICABLE INNOVATIVE PILOTS
New technology or implementation approaches that address grid resilience needs in new ways that would benefit for the deployment of replicable pilot projects and knowledge-sharing.

Budget Prioritization

To ensure that funding is allocated in accordance with the stated objectives, IFA/CB will follow the following matrix in selecting projects:

1. Small Utilities that invest in EIECs
2. Other Small Utilities
3. Other eligible entities that invest in EIECs
4. Other projects (not specifically designed to benefit EIECs)

Eligibility

Eligible Activities

A. Weatherization (technologies and equipment)
B. Fire-resistant technologies and fire prevention systems
C. Monitoring and control technologies
D. Undergrounding of electrical equipment
E. Utility pole management
F. Power lines relocation or reconductoring
G. Vegetation and fuel-load management
H. DER construction for enhancing system adaptive capacity during disruptive events, incl.:
    a. microgrids; and
    b. battery-storage subcomponents
I. Adaptive protection technologies
J. Advanced modeling technologies
K. Hardening of power lines, facilities, substations, of other systems
L. Replacing old overhead conductors and underground cables
M. Other measures (as determined or approved by US DOE)

Non-Eligible Activities

A. Construction of a
    a. new electric generating facility
    b. large-scale battery-storage facility that is not used for enhancing system adaptive capacity during disruptive events
B. Cybersecurity

Non-Eligible Costs

- acquisition of land or easements
- federal funding or property as cost match
- lobbying, union fees,
- foreign travel, work performed outside

Eligibility

Eligible Entities

- An electric grid operator
- An electricity storage operator
- An electricity generator
- A transmission owner or operator
- A distribution provider
- A fuel supplier
- Other relevant entity, as may be determined by the Secretary of Energy

Other Relevant Entity

Illinois requested in its application and will work with the Secretary of Energy to approve the following additional eligible recipients:

- Non-profit organizations,
- Units of local government,
- Critical facilities,
- Illinois Municipal Utilities Association (IMUA)
- Association of Illinois Electric Cooperatives (AIEC) as eligible recipients

Simplified Application Process

Pre-application

- Register in GATA/AmpliFund
- Apply in AmpliFund:
  - Applicant's Info (populate fields)
  - 5-page Project Narrative (upload)
  - Metrics, Timelines, Milestones (upload)
  - Budget (upload and populate)
  - Certify Compliance (populate fields)

Full Application
(pre-selected projects)

- Register in SAM.gov
- Submit additional forms in AmpliFund:
  - Funding Application Form
  - Cost-Match commitment
  - Environmental Questionnaire (NEPA)
  - Waivers (foreign work, BABA, etc.) if apply
  - USDOE Secretary "Other entity" designations
  - DOE Notification

Additional Funding Cycles (NOFOs)

- If funding remaining funding
- Applicants will receive feedback on resubmitting applications

Project Narrative

1. **Project Executive Summary.** What are objectives, activities, and outcomes?
2. **Project Location.** Where located and what communities benefit?
3. **Anticipated Customer Benefits and Equity.** Anticipated customer benefits, for which communities, and how it will reach historically underserved populations.
4. **Funding Objectives.** How it meets the funding objectives, why is it not funded.
5. **Project timeline.** Overview in narrative and fill out in spreadsheet.
6. **Performance Measurement.** Overview in narrative and fill out in spreadsheet.
7. **Project Costs**. Overview in narrative and fill out budget spreadsheet.
8. **Workforce and Labor standards.** Describe proposed strategy.

Tip: Focus on the description of the project benefits and demonstrate the likelihood of your ability to achieve them as a direct (or substantial) consequence of proposed activities. Describe how you will measure outcomes.

Reporting

Quarterly

- ❑ Spending
- ❑ Build Metrics
- ❑ Milestones
- ❑ Project Risks

Annually

- ❑ Impact Metrics
- ❑ Training
- ❑ Workforce Development
- ❑ Community Outreach

Reporting Metrics: Quarterly Build Metrics

Distribution modifications	Miles of new distribution lines
	Miles of distribution lines undergrounded
	Miles of distribution lines of vegetation clearing
	Miles of distribution lines reconductored
	Miles of distribution lines with other upgrades (specify in "Type" field what was upgraded)
	Number of distribution poles inspected
	Number of distribution poles replaced
	Number of distribution poles with other upgrades (specify in "Type" field what was upgraded)

Substation Modifications	Number of substations relocated
	Number of substations with added physical protection
	Number of substations with added sensors/monitors
	Number of substations with elevated equipment
	Number of substations with upgraded equipment
	Number of substations with other upgrades (specify in "Type" field what was upgraded)
	Number of substations with redundant equipment

Reporting Metrics: Quarterly Build Metrics

Monitoring and control devices	Number of fault location, isolation and service restoration (FLISR) devices installed
	Number of other monitoring/metering devices installed
	Number of other protection or control devices installed
Mobile Units	Voltage rating of mobile substation (kV)
	Voltage rating of mobile transformers (kV)
Fuel supply	Percent increased energy storage capacity in reserve fuel - diesel
	Percent increased energy storage capacity in reserve fuel - propane
	Percent increased energy storage capacity in reserve fuel - gasoline
Restoration equipment	Number of transportation assets purchased to assist with power restoration (specify equipment in "Type" field)
	Number of communications assets purchased to assist with power restoration (specify equipment in "Type" field)
	Number of other assets purchased to assist with power restoration (specify equipment in "Type" field)
Operating systems	Percentage of system migrated into new software system (specify software system in "Type" field OMS, ADMS, SCADA, inventory management, workforce management, or other)

Reporting Metrics: Quarterly Build Metrics

Hardened Generation	Capacity rating of hardened generation (MW) - photovoltaics
	Capacity rating of hardened generation (MW) - wind
	Capacity rating of hardened generation (MW) - diesel
	Capacity rating of hardened generation (MW) - natural gas
	Capacity rating of hardened generation (MW) - coal
	Capacity rating of hardened generation (MW) - nuclear
	Capacity rating of hardened generation (MW) - hydropower
	Average annual electricity produced of hardened generation (MWh) - photovoltaics
	Average annual electricity produced of hardened generation (MWh) - wind
	Average annual electricity produced of hardened generation (MWh) - diesel
	Average annual electricity produced of hardened generation (MWh) - natural gas
	Average annual electricity produced of hardened generation (MWh) - coal
	Average annual electricity produced of hardened generation (MWh) - nuclear
	Average annual electricity produced of hardened generation (MWh) - hydropower
Inventory	Percentage increase in pole inventory
	Percentage increase in transformer inventory
	Percentage increase in equipment inventory (specify type of equipment in "Type" field)
	Expected lifetime of new equipment (specify equipment in "Type" field)
	Other (insert necessary info in "Type" field)

Reporting Metrics: Annual Impact Metrics

Outages	Largest outage cause
	Number of outages
	Hours to repair outages
	System Average Interruption Duration Index (SAIDI)
	Customer Average Interruption Duration Index (CAIDI)
	System Average Interruption Frequency Index (SAIFI)
	Customer Average Interruption Frequency Index (CAIFI)
	Number of individual customers with more than 5 interruptions
	Number of individual customer outages that extend beyond 24 hours
	Number of critical services with outages that extend beyond 24 hours
	Hours of unmet load
	Average hours to restore 50% of customers
	Average hours to restore 90% of customers
	Average hours to restore 100% of customers
Damages	Outage recovery cost ($)
	Hours line loading exceeded normal rating
	Number of poles damaged (specify pole type in "Type" field")
	Feet of conductor replaced (specify conductor type in "Type" field)
	Number of electrical components damaged (specify in "Type" field)

Reporting Metrics: Annual Impact Metrics

Customers Benefitted	Number of residential customers benefitted by project
	Number of commercial customers benefitted by project
	Number of industrial customers benefitted by project
	Number of customers that provide community services/emergency centers benefitted by project (specify service in "Type" field)
	Number of customers that provide communication services benefitted by project (specify service in "Type" field)
	Number of customers that provide energy supply benefitted by project (specify service in "Type" field)
	Number of customers that provide transportation services benefitted by project (specify service in "Type" field)
	Number of customers that provide water services benefitted by project (specify service in "Type" field)
	Number of customers that provide food services benefitted by project (specify service in "Type" field)

Pre-applications Evaluation

Min. DOE Requirements

a) Result in Community Benefits (as discussed further below)

b) Located in Illinois

c) Include required Cost Match

IL Priority Alignment

- Alignment with the Program Objectives & Metrics
- Expected impact on EIECs
- Expected Environmental/Public Health Benefits
- Contractor and Workforce Commitments

Community Benefits

Must score at least 30/50 points with 10 max* points in each of the five Program Objectives categories

1) Resilience (7 pts a must)
2) Environment
3) Equity
4) Affordability
5) Safety

*Each category will be evaluated in the following three brackets: Poor (1-3 points), Fair (4-6 points), Strong (7-10 points), based on the description of the benefits in the project pre-application and the likelihood of the applicant's ability to achieve them as a direct (or substantial) consequence of the proposed project activities and to successfully measure these benefits. Project must also have **at least 7 points in Resilience category!**

Resilience Program Objectives

OBJECTIVES

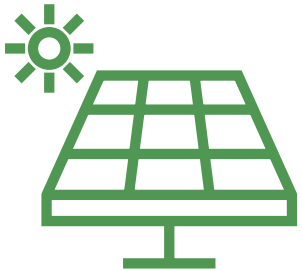
RESILIENCY	ENVIRONMENT	AFFORDABILITYTY	EQUITY	SAFETY & WORKFORCE
EXAMPLES				
Lon-term effects	Enhance environmental quality and public health	Reduce the energy burden for low-income residents	Increase access / opportunities for EIECs residents & businesses in	Ensure the safe operation of the energy system
Priority projects				
Reduce outages in EIECs (duration & frequency)	Speed the installation and integration of renewables	Ensure low-income and disadvantaged communities directly benefit first	Build awareness and trust in grid/energy systems in frontline and EJ communities	Prepare the workforce for emerging technology opportunities
Increase community resilience for those least able to respond to disruptions	Leverage nature-based solutions and native tree planning	Support communities in making long-term affordable energy decisions	Support communities and small utilities that lack capacity	Address health & safety limitations on building stock
Align resilience planning with future climate risks		Reduce costs for public entities that pass-through costs to taxpayers/users	Ensure equity in outage management processes, as well as planning	Protect homes from in-home hazards during flooding/disasters

Contact for Further Questions

Climate Bank's website:

- IL 40101d Grid Resilience https://illinois-climate-bank.web.app/financing-programs/municipal-cooperative-utilities/40101d-grid-resilience/

If you have further questions, please send them to ClimateBank@IL-FA.com by the date that questions are closing, listed in the program NOFO.

Q&A

Rolling Application Windows – Coming Soon

Small Utility Clean Energy Planning Grants

The Small Utility Clean Energy Planning Grant Program will support municipal electric utilities and cooperative electric utilities in aligning power generation planning and procurement with CEJA goals. Eligible activities include technical assistance and consultant support.

Target Audience: Municipal and cooperative utilities

SolarAPP+ Adoption and Implementation Grants

Grants to support staff + vendor training, education to implement SolarAPP+. A no-cost permitting software developed by National Renewable Energy Laboratory (NREL) to streamline permitting processes for standardized residential solar systems.

Target Audience: Municipalities

Stretch Code Adoption and Implementation Grants

Grants to facilitate the adoption, implementation, and enforcement of the Illinois Stretch Energy Code by supporting units of local governments with the necessary resources to navigate this process. Grants may support education, community engagement, and technical assistance to ensure that municipalities are well-equipped to integrate the stretch code.

Target Audience: Municipalities

Other IFA Resources

Private Activity Bonds

IFA issues tax-exempt qualified private activity bonds for 501(c)(3) organizations and other conduit borrowers. Borrowers work with banks, underwriters, or placement agents of their own choosing.

State Small Business Credit Initiative

IFA provides low-cost financing to small businesses for eligible climate-related projects.

Commercial Property Assessed Clean Energy Bonds

IFA has statewide authorization to issue bonds and notes to fund eligible building improvements in any PACE area. Eligible improvements include energy efficiency, renewable energy, water use, and EV charging stations. Projects located in Cook County are not currently eligible.

Thank You!

If you have any other questions, please reach out to us at:

Claire Brinley, Program Manager at IFA/CB
Email: ClimateBank@IL-FA.com

Tetyana Rabczak, VP Legal at The Accelerate Group
Email: Tanya@TheAccelerateGroup.com