



# Iowa Grid Resilience Fund

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# DOE Grid Resilience Formula Grant Program

- **Infrastructure Investment and Jobs Act /Bipartisan Infrastructure Law formula funding through U.S. Dept of Energy (DOE)**
- **Objective:** Improve the resilience\* of the electric grid against disruptive events
  - \*Resilience = reduction of the frequency or duration of outages
- **Federal allocation to Iowa:** Approx \$5.9M per year for five years and a 15% state cost share to the federal amount.
  - First federal amount \$11.8 million (two years).
  - Federal + State Cost Share = approx. \$13 million available.
- **Iowa Grid Resilience Fund Created** [www.iowaeda.com/iowa-grid-resilience-fund/](http://www.iowaeda.com/iowa-grid-resilience-fund/)
  - Policies and Procedures Handbook (may be revised in future funding rounds)
  - Frequently Asked Questions
  - DOE Special Terms and Conditions

# Iowa Grid Resilience Fund

- **Eligible Entities**

- Investor-owned utilities
- Municipal utilities
- Transmission owners/ operators
- Rural electric cooperatives that provide generation, transmission and/or distribution in Iowa
- Other entities subject to DOE approval
  - Likely to focus on consortium of eligible entities

- **Award Amounts**

- Minimum **\$200,000**
- Maximum **\$2 Million**

# Cost Share

- IEDA 15% cost share of the federal amount
- Applicants: Determine annual megawatt hour electricity sales. Source: annual report to IUB.
- Small utilities defined by legislation annual sales < 4M MWh
  - Required 1/3 cost share (approx. 77% of project cost after state cost share)
- Other/ large utilities < 4M MWh
  - Required 100% cost share (approx. 53% of project cost after state cost share)
- Application will include required cost share calculator, only input is total project cost unless you are exceeding the required percentage

## Example from Cost Share Calculator

Total Project Cost	\$	750,000
State Cost Share %		15
Applicant Cost Share %		33.34
<b>Outputs</b>		
State Amount	\$	75,840.00
Federal Amount	\$	505,595.00
Total Subward Amount	\$	581,435.00
Applicant Amount	\$	168,566.00

# Eligibility of Costs

## Eligible Costs Examples

- Independent audits when required by federal regulations 2 CFR 200.501 and Subpart F
- Contractual professional services for administration
  - Up to 10% of the subaward amount
- Costs associated with preparing the application incurred after June 15, 2023
  - No more than 5% of the subaward amount



- Subaward funding will be provided on a reimbursement basis

## Ineligible Costs Examples

- Activities that encourage or support political activities
- Activities that support or oppose union organizing
- Costs incurred prior to June 15, 2023

# Summary of Potential Investments

- Utility pole management
- Hardening of power lines, facilities, substations, of other systems
- Undergrounding of electrical equipment
- Replacement of old overhead conductors and underground cables
- Relocation of power lines or reconductoring of power lines with low-sag, advanced conductors
- Vegetation and fuel-load management
- Weatherization technologies and equipment
- Monitoring and control technologies
- Enhancing system adaptive capacity (microgrids, battery-storage)
- Advanced modeling technologies
- Cannot be used for new electric generating facilities or cybersecurity
- DOE has final approval over all applications, a compliance verification step

# Application Key Instructions/Requirements

- Applicant needs Unique Entity Identification #
  - Tied to federal funding programs, registration at [SAM.gov](https://sam.gov)
- Registration in IowaGrants.gov to access application
- Only one application per applicant
- Plan for administration for managing subaward and reporting
- Project schedule with milestones
- Types of numeric metrics (e.g., miles of distribution poles replaced)
- Applicable studies, reports, design documents
- Completed cost share calculator
- Cost share commitment letter and verification
- Some information relevant to reporting or compliance post-award (not for evaluation purposes)

# Tips on Applying through IowaGrants.gov

- **Registration for an IowaGrants.gov account required**
  - Log in using Single Sign On Tool
  - [How to Log Into IowaGrants.gov \(All Users\) | Iowa Department of Management](#)
- **Create application:**
  - Click on “Funding Opportunities”
  - Select the Opportunity Title you are applying for.
  - Review the description thoroughly.
  - Click “Start New Application”
- **Focus on “Application Preview” Menu and click on each “Component”**
- **Each component takes you to a form**
  - Click “Edit” at the top. Save information by clicking “Save.”
  - Can log out and log in again to continue work anytime prior to submission or deadline.
- **When complete, click “Submit Application” button**



# Evaluation Criteria and Points

- Administrative support (6)
- Financial need (8)
- Previous funding (10)
- Compliance approach (6)
- Grid improvement (10)
- Technological innovation (10)
- Project schedule (6)
- Community benefits/ engagement (10)
- Benefit to underserved (8)
- Workforce development (6)
- Minimum score 48 of 80 required (60%)
- Scoring both on presence and quality of content including narrative responses and attachments.
- Indicators and additional info in [Program Handbook](#).

**TOTAL POINTS: 80**

# Application, Subaward Process & Timeline

Activity	Estimated Date
Application posted on IowaGrants.gov Program information available on Iowa Grid Resilience webpage	December 7, 2023
Webinar for program and application details via Microsoft Teams	December 18, 2023
Application deadline	February 15, 2024
Preliminary selection by IEDA	March 28, 2024
Additional information required to provide to DOE	April 18, 2024
Response from DOE and anticipated subaward notices	July 2024
Training for subaward administrators <i>(Date will be confirmed once DOE provides detail on when they may complete their review)</i>	August 2024

- Preliminary Selection & Additional Information for DOE includes
  - Known infrastructure components and domestic sourcing
  - Environmental questionnaire
  - Budget form
  - Metrics
  - “Other” entity justification

**DOE must approve selection prior to agreements**

# Administrators Engagement

- **Administrator identified in the application**
  - Experience with federal funding preferred
  - Up to 10% of subaward amount for contractual administration services
  - For procured administrators, procurement must occur prior to incurring other project expenses
  - Will utilize a Management Guide to be provided by IEDA at the training
- **Responsibilities**
  - Activities associated with the subaward and primary contact to IEDA
  - Submit required reporting and claims with supporting documentation in [IowaGrants.gov](https://www.iowagrants.gov)
  - Assist subawardee with federal requirements
  - Ensure subawardee adopts proper policies and recordkeeping procedures
  - Integrate procedures to ensure compliance with federal requirements
  - Submitting any requests for extensions or amendments
  - Oversee subaward through agreement end date and close-out procedures

# Federal Requirements Highlights

- **DOE Special Terms and Conditions** on program webpage
  - These flow down to all subcontracts
- **Any federal award must comply with 2 CFR 200**
  - Example: Procurement Standards (2 CFR 200.318 - 200.327)
- **Build America, Buy America | Department of Energy**
  - All iron and steel used in the project
  - All manufactured products, and cost of components from US is greater than 55%
  - All construction materials
- **Davis Bacon Act (prevailing wage)**
  - New portal from DOE for uploading payroll forms coming soon
- **National Environmental Policy Act**
  - Review Categorically Excluded guidance in the Handbook
- **Quarterly and annual reporting**
  - Instructions to be provided post-award

# Quarterly Reporting

- **Benefits and accomplishments**
  - Type of grid benefits, quarterly accomplishments, next quarter plan
- **Budget**
  - Costs incurred
  - Milestones
  - Project milestones identified in application, update completion and status
- **Build metrics**
  - Focused on what recipients are spending funding on and progress
- **Risk management**
  - Potential internal and external risks, impact and mitigation strategies

Federal Fiscal Year Quarter	Quarter Date Range	Report Due to IEDA
Quarter 1	October 1 – December 31	January 10
Quarter 2	January 1 – March 31	April 10
Quarter 3	April 1 – June 30	July 10
Quarter 4	July 1 – September 30	October 10

## Additional information on Quarterly and Annual Metrics:

[DOE Guidance Grid Resilience Formula Grant Metrics](#)

# Annual Reporting

- **Outage Data**
  - Historical outage data and annual post-subaward data on project area
- **Job creation and training**
  - Examples if applicable: type of training provided, underserved populations benefited, apprenticeship programs
- **Workforce demographics**
  - Includes everyone involved with project, subawardee staff and contractors
- **Community engagement activities and events**
  - Any agreements that may exist with community organizations, support or input received, other engagement

Report Date Range	Report Due to IEDA
Project start date through September 30	October 10
October 1 – September 30 for each fiscal year while the project is underway	October 10
Post-project completion reports on impacts	To Be Determined

# Next Steps for Potential Applicants

- Evaluate baseline outage data and potential to measure post-project metrics
- Evaluate strategies to identify underserved/vulnerable households and potential needs
- Assess any workforce related challenges or training opportunities (in-house or external)
- Assess potential partnerships or consortiums with other eligible entities
- Consider potential projects and external assistance needed
- Register at [IowaGrants.gov](https://lowagrants.gov) and review program webpage resources

# Questions/ Discussion

## Iowa Grid Resilience Fund

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### Program webpage:

[iowaeda.com/iowa-grid-resilience-fund](http://iowaeda.com/iowa-grid-resilience-fund)

### IEDA/Iowa Energy Office programs

[iowaeda.com/iowa-energy-office](http://iowaeda.com/iowa-energy-office)

