



# Louisiana

## Infrastructure Spotlight Webinar

*Bipartisan Infrastructure Law (BIL) & Inflation Reduction Act (IRA)*

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June 30, 2023

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# Monthly Webinar Series

Today's Call

1

## INFRASTRUCTURE MONTHLY WEBINAR

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Monthly call available to all stakeholders interested in bettering infrastructure in Louisiana and learning about related funding.

*A standing invite has been sent and may be forwarded to additional stakeholders.*

2

## INFRASTRUCTURE SPOTLIGHT WEBINAR

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A smaller group and more interactive call focused on a specific topic each month based on current and upcoming grant opportunities.

*Invitations will be sent to relevant stakeholders each month.*

[Sign up for the newsletter at infrastructure.la.gov](https://infrastructure.la.gov)

Purpose


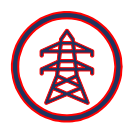










IIC Updates

Speaker

Grants

Q&A

# State Priorities for BIL/IIJA

|   |                                  |   |  |   |   |
|---|----------------------------------|---|--|---|---|
|    | <b>Broadband</b>                 |    | <b>Grid Resilience &amp; Modernization</b> |    | <b>Coastal Restoration &amp; Resilience</b>   |
|    | <b>Electric Vehicle Charging</b> |    | <b>Hydrogen, Solar &amp; Wind</b>          |    | <b>Orphaned Wells</b>                         |
|    | <b>Bridges</b>                   |    | <b>Carbon Capture</b>                      |    | <b>Weatherization &amp; Energy Efficiency</b> |
|  | <b>Passenger Rail</b>            |  | <b>Water Systems</b>                       |  | <b>Resilience &amp; Disaster Mitigation</b>   |

# BUILDING A BETTER GRID



## State of Louisiana Grid Resilience Initiative 40101(d) Award

Office of the Governor

June 2023

*BUILD A BETTER GRID Initiative*

Purpose

IIC Updates

Grid Resilience

Grants

Q&A



# 40101(d) Grid Resilience | Award Overview

In May 2023, the U.S Department of Energy Louisiana was one of only four states and two Tribal Nations to receive an award in the first round of funding in [Grid Resilience State and Tribal Formula Grants](#).

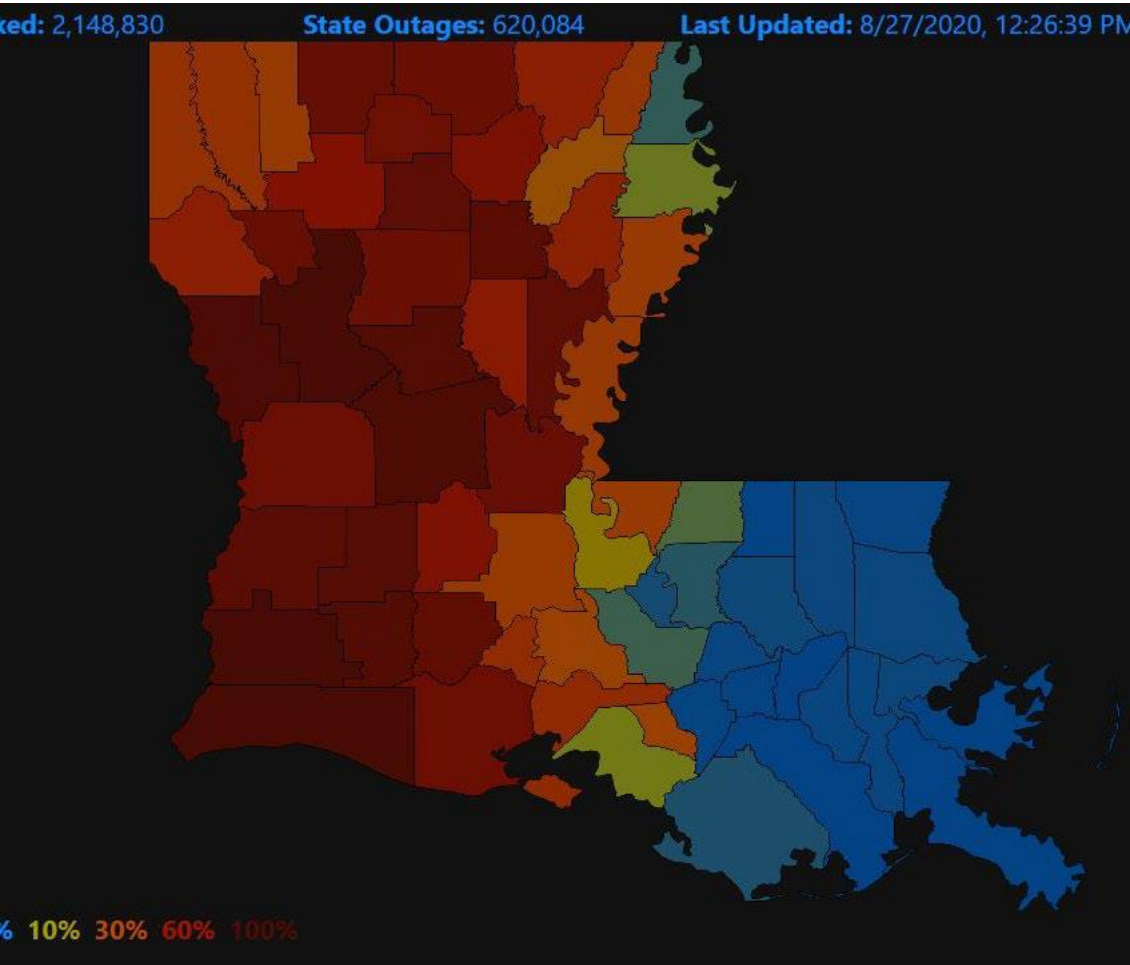
## What does this mean for Louisiana?

- ✓ Modernization of the electric grid
- ✓ Reduced impacts to the grid from extreme weather and natural disaster and
- ✓ Reliable power infrastructure for **all** communities to have access to **affordable, reliable** and **clean electricity**

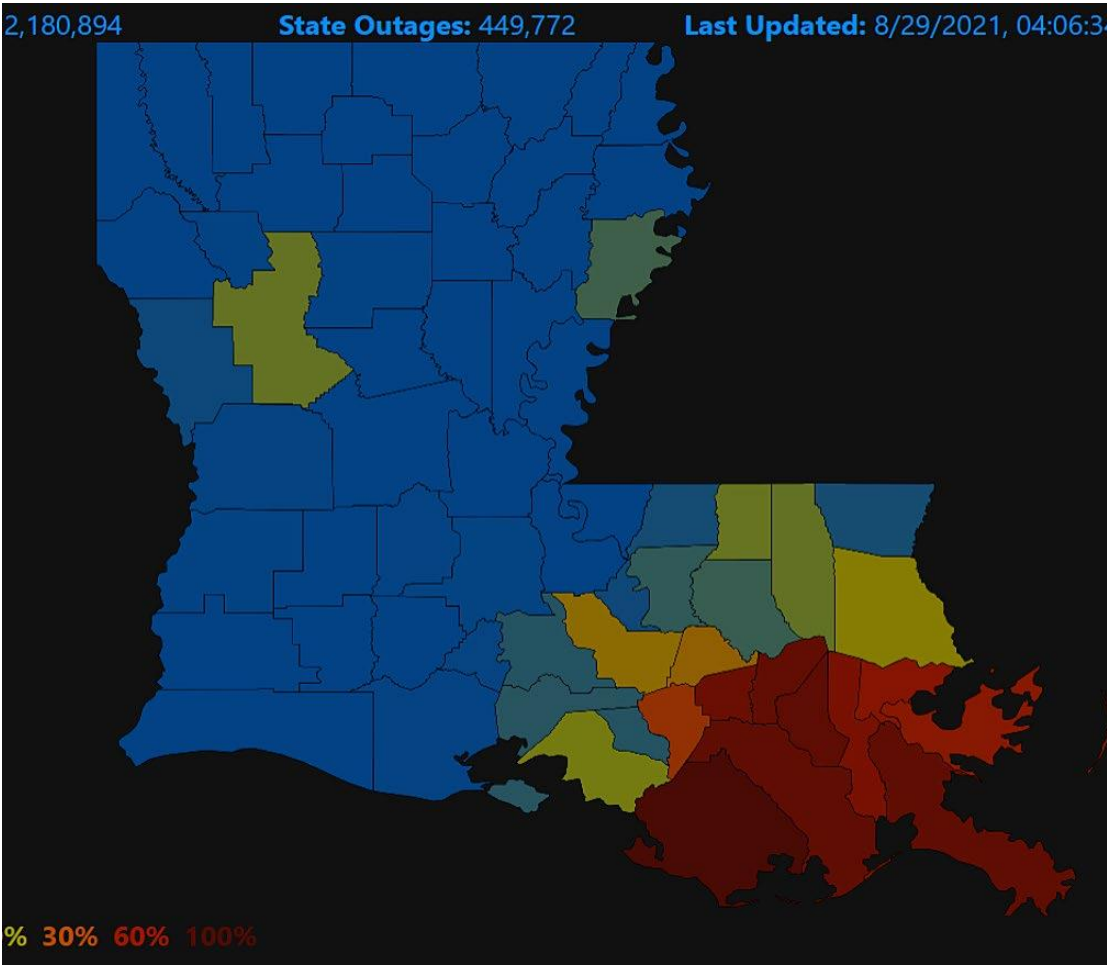


**Louisiana to receive \$40 million over 5 years**

# 40101(d) Grid Resilience | Energy Security

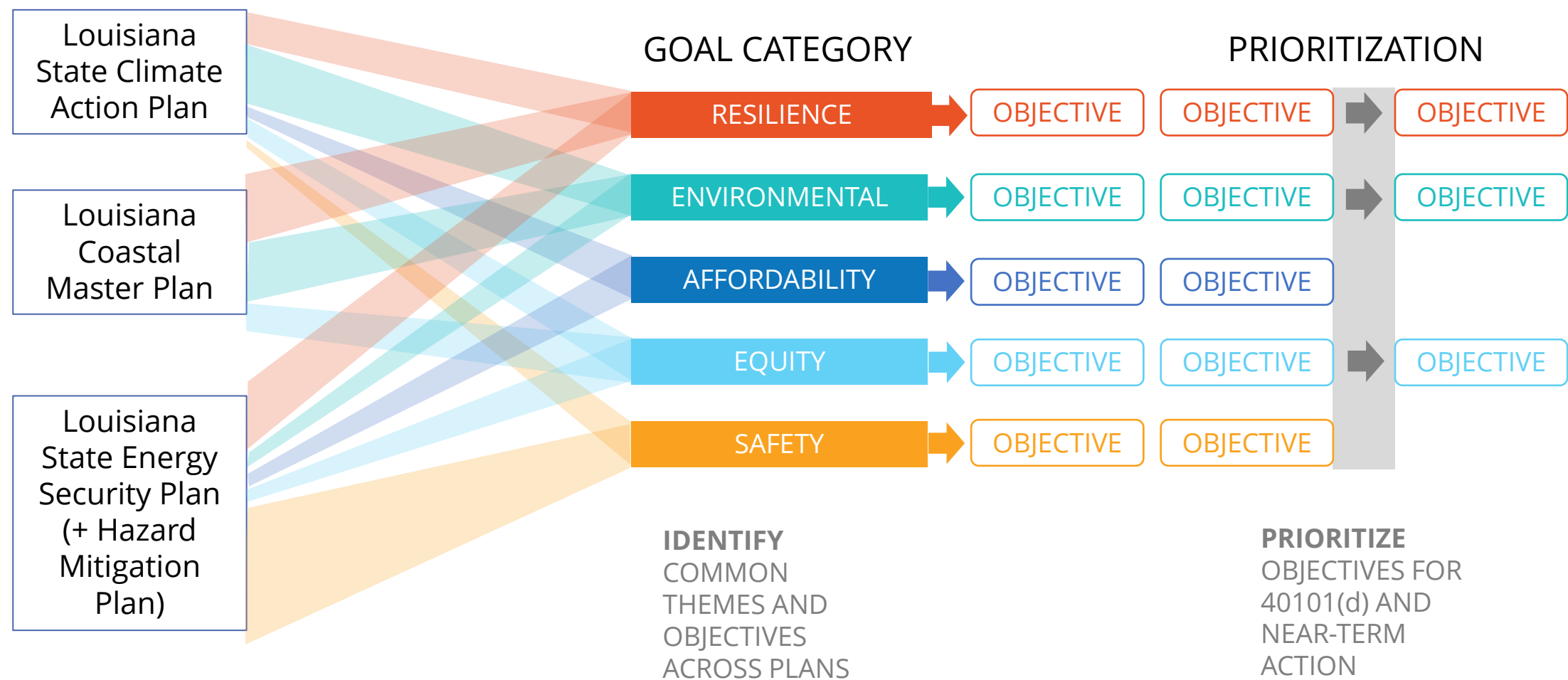


HURRICANE LAURA | 2020



HURRICANE IDA | 2021

# 40101(d) Grid Resilience | Setting Objectives





# 40101(d) Grid Resilience | Program Objectives

## RESILIENCE

**Resilience.** Modernize the power infrastructure system to withstand stresses and shocks from extreme weather events and large-scale disruptions and move towards a secure, resilient and affordable grid.

## ENVIRONMENTAL

**Environmental.** Build the next generation sustainable, customer-centric, carbon-free grid.

## EQUITY

**Equity.** Advanced more equitable, economically sustainable, and resilient communities throughout Louisiana.

## AFFORDABILITY

**Affordability.** Reduce overall energy burden, particularly for disadvantaged communities, and ensure energy costs remain competitive.

## SAFETY

**Safety.** Ensure the continued, safe operation of the energy system by instituting standard safety practices and planning new investments through a safety lens.

# Who, Where, What, When & How

How did Louisiana become 1 of only 4 States to receive funding?

**We made sure our program criteria met and exceeded DOE's minimum requirements.**



# Program Criteria: WHO

## DOE Minimum Requirements

- Electric grid operator
- Electricity storage operator
- Electricity generator
- Transmission owner or operator
- Distribution provider
- Fuel supplier
- Other relevant entity
- Small utility set-aside

## Louisiana Prioritization

- Other eligible entities to include “units of local government, critical facilities, non-profit organizations, and co-ops whose organizational mission is to serve and benefit disadvantaged communities.”
- 24.72% carve-out small utilities

# Program Criteria: WHERE

## DOE Minimum Requirements

- State of Louisiana
- Small utility set-aside

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## Louisiana Prioritization

- 51.% of funds located in and/or demonstrating benefit to Disadvantaged Communities

# Program Criteria: WHAT

## DOE Minimum Requirements

- Weatherization
- Fire-resistance/Prevention
- Monitoring/Control
- Undergrounding
- Utility pole management
- Power lines
- DERs & microgrids
- Adaptive protection
- Advanced modeling
- Hardening

## Louisiana Prioritization

- Critical Facility Microgrids
- Community Microgrids
- Community-Based “Relief Islands”
- Vehicle-to-Building and Vehicle-to-Grid Integration
- Enhanced Vegetation Management Programs



# Program Criteria: WHEN

## DOE Minimum Requirements

- 5-year period of performance per each annual budget period

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## Louisiana Prioritization

- Shovel-ready bucket (< 24 months)
- Early-Stage Community-Based Project Partnerships

# Program Criteria: HOW

## DOE Minimum Requirements

- Workforce development
- Diversity, Equity, Inclusion and Accessibility
- Buy America
- Davis-Bacon
- Cost-match

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## Louisiana Prioritization

- Request for Information
- Competitive Requests for Proposals
- Future Down-Select for Community-Based Project Partnerships
- ReportCard

# 40101(d) Grid Resilience | Prioritized Projects



**Critical Facility Microgrids**

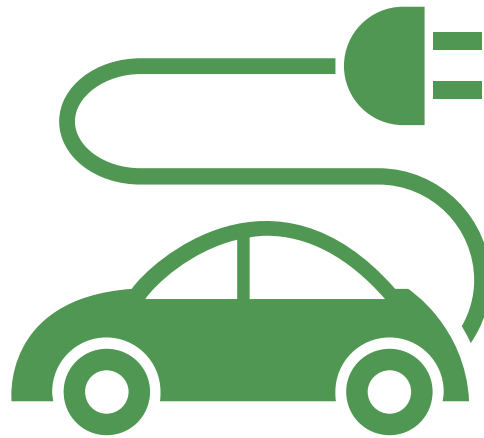


**Community Microgrids**

# 40101(d) Grid Resilience | Prioritized Projects



**Community Resilience  
Hubs**



**Vehicle-to-Building &  
Vehicle-to-Grid**



**Enhanced Vegetation  
Management Programs**

Purpose

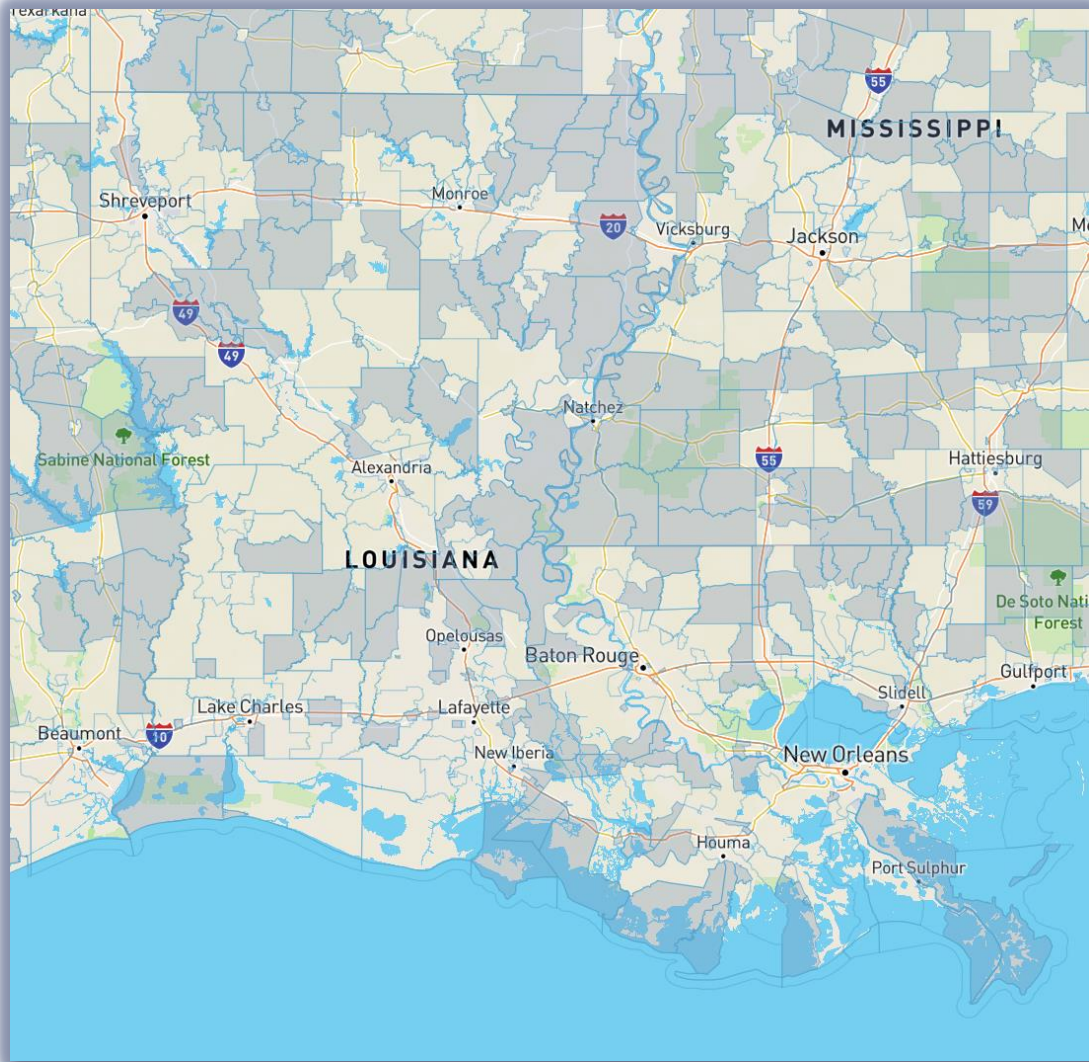
IIC Updates

Grid Resilience

Grants

Q&A

# 40101(d) Grid Resilience | Prioritized Locations



## GOAL

More than 50% of the project investments will benefit disadvantaged communities.

**42% of the population of the State of Louisiana live in a Disadvantaged Community census tract\*.**

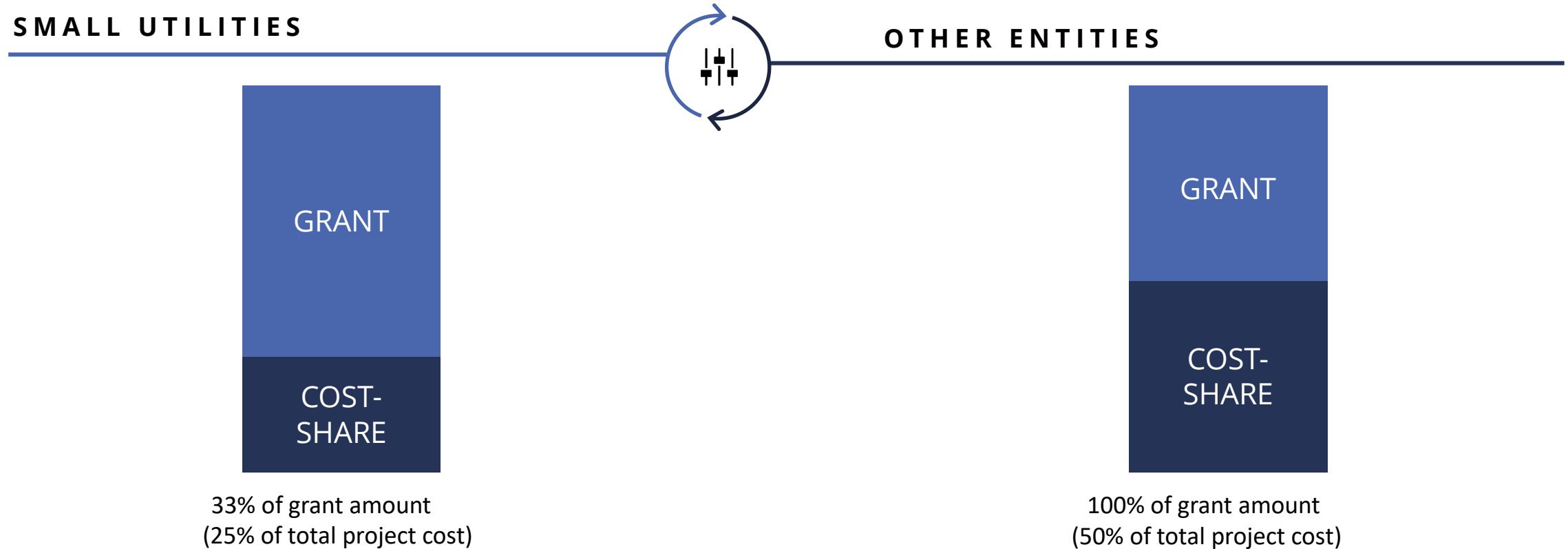
Source: Climate and Economic Justice Screening Tool data as of January 2022



# 40101(d) Grid Resilience | Funding Categories

|  | Benefitting Disadvantaged Communities | Any Location |
|--|---------------------------------------|--------------|
| Complete < 24 months                             | >\$4.6 m                              | ~\$4.6 m     |
| Early-Stage Community-Based Project Partnerships | >\$3.7 m                              |              |
| All Other Timing                                 | >\$1.2 m                              | ~\$1.2 m     |

# 40101(d) Grid Resilience | Cost-Share Requirements



# 40101(d) Grid Resilience | Community Projects

Eligible Community-Based Project Partnerships must meet the following criteria:

01

Led by a community or co-op utility, unit of local government, community-based non-profit, company located in a disadvantaged community, or other state approved entity.

03

Work with the local community through meaningful engagement.

02

Substantially and meaningfully provide benefit to disadvantaged communities.

04

Include carbon-free energy sources.

# 40101(d) Grid Resilience | Grant Process

1

Request for  
Information

2

Request for Proposal

3

Award  
Announcements

# BUILDING A BETTER GRID

## Questions?

We encourage you to apply once the Request for Proposal (RFP) is launched in the coming months.



# Upcoming Grant Opportunities-DNR-Energy

| Category                   | Program Name   | Action Date | Action Required        |
|----------------------------|--|-------------|------------------------|
| Grid and Energy Efficiency | Carbon Storage Assurance Facility Enterprise Program               | July 6      | Applications Due       |
| Grid and Energy Efficiency | Energy Improvements in Rural or Remote Areas – Fixed Award Program | July 13     | Pre-Applications Due   |
| Renewables                 | Tidal Energy Advancement Program – Topic Area 2                    | July 13     | Concept Papers Due     |
| Grid and Energy Efficiency | Industrial Assessment Centers Implementation Program               | July 14     | Applications Due       |
| Renewables                 | Clean Hydrogen Electrolysis Manufacturing and Recycling Program    | July 19     | Applications Due       |
| Renewables                 | Tidal Energy Advancement – Topic Area 1                            | July 25     | Applications Due       |
| Grid and Energy Efficiency | Energy Efficiency Conservation Block Grant Program                 | July 31     | State Applications Due |
| Grid and Energy Efficiency | Industrial Assessment Center Program                               | July 31     | Applications Due       |

# Upcoming Grant Opportunities-DNR-Energy

| Category                   | Program Name   | Action Date  | Action Required               |
|----------------------------|--|--------------|-------------------------------|
| Grid and Energy Efficiency | DOE Heat Pump Defense Production Act Program                                     | August 1     | Applications Due              |
| Grid and Energy Efficiency | Energy Improvements in Rural or Remote Areas                                     | August 2     | Applications Due              |
| Grid and Energy Efficiency | Renew America's Nonprofits Program   | August 3     | Applications Due              |
| Renewables                 | Industrial Decarbonization and Emissions Reduction                               | August 4     | Applications Due              |
| Grid and Energy Efficiency | Weatherization Assistance Program – Enhancement and Innovation Competitive Grant | August 18    | Anticipated NOFO Release Date |
| Renewables                 | Clean Energy Demonstration Program on Current and Former Mine Land               | August 31    | Applications Due              |
| Grid and Energy Efficiency | Preventing Outages and Enhancing the Resilience of the Electric Grid             | August 31    | Tribal Applications Due       |
| Grid and Energy Efficiency | Technical Assistance for Latest and Zero Building Energy Code Adoption           | September 30 | Applications Due              |

# Upcoming Grant Opportunities-DNR-Energy

| Category                   | Program Name   | Action Date      | Action Required                   |
|----------------------------|--|------------------|-----------------------------------|
| Renewables                 | Maintaining and Enhancing Hydroelectricity Incentives              | October 6        | Applications Due                  |
| Grid and Energy Efficiency | Energy Improvements in Rural or Remote Areas – Fixed Award Program | October 12       | Applications Due                  |
| Renewables                 | Tidal Energy Advancement - Topic Area Two                          | October 19       | Applications Due                  |
| Grid and Energy Efficiency | Energy Efficiency and Conservation Block Grant Formula Program     | January 31, 2024 | Local and Tribal Applications Due |

# Questions?

[WWW.INFRASTRUCTURE.LA.GOV](http://WWW.INFRASTRUCTURE.LA.GOV)

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