



Statement of Project Objectives

A. Project Objectives

The State of Louisiana will launch the Louisiana Hubs for Energy Resilient Operations (HERO) project designed as a comprehensive plan intended to demonstrate success of community-led energy resilience to complement grid hardening efforts and to support quicker recovery from unplanned power outages. The HERO Project will design comprehensive integrated community energy planning, deploy community resilience hub microgrids, and embed community resilience into statewide emergency operations.

The HERO Project Team is a multi-discipline group of diverse leaders representing state agencies, municipalities, utilities, higher education institutions, and community led organizations with a shared commitment to integrated community energy planning, community resilience hubs, and enhanced emergency operations. Project objectives have been established by the HERO Project Team supporting Louisiana energy resilience priorities, decarbonization targets, and clean energy economic growth goals.

Table 1. Strategic Priorities for Louisiana HERO Projects

<ul style="list-style-type: none">● Mitigate threats to energy supply and climate-related risks to preserve social and economic value.● Provide 24/7 power to residents, vulnerable populations, and disadvantaged communities during emergency events.● Adopt clean distributed energy resources as a pathway to a resilient carbon-free grid aligned with net zero targets.● Design enhanced methodologies for community-centric grid investment planning.● Develop advanced grid technologies to integrate distributed energy resources with existing grid distribution systems.● Boost community resilience with enhanced emergency response operations across at-risk rural and urban regions.● Lower energy burden and reduce future storm securitization costs.● Foster local sustainable workforce with good paying jobs.
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The HERO Project is in alignment with the State of Louisiana’s commitment and efforts to build a resilient, inclusive, and sustainable economy, established through the Louisiana 2022 Climate Action Plan and the Louisiana Interagency Work Group (Work Group).

B. Project Scope of Work Summary

(b) (4)



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(b) (4)

C. Tasks to be Performed & Deliverables

(b) (4)



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(b) (4)

D. Briefings/Technical Presentations

The HERO Project team will prepare, and present periodic briefings, technical presentations and demonstrations as requested by the Federal Project Officer, which may be held at a DOE or the Recipient's facility, other mutually agreeable location, or via webinar.



STATE OF LOUISIANA | Grid Resilience and Innovation Partnerships
Hubs for Energy Resilient Operations (HERO)

E. Annual Milestone Table

Milestone Summary Table							
Recipient Name:		State of Louisiana					
Project Title:		Hubs for Energy Resilient Operations (HERO)					
Task Number	Task or Subtask (if applicable) Title	Milestone Type	Milestone Number	Milestone Description (Go/No-Go Decision Criteria)	Milestone Verification Process (What, How, Who, Where)	Anticipated Date (Months from Start of the Project)	Anticipated Quarter (Quarters from Start of the Project)
1	(b) (4)		1			1	1
2			2			2	1
3			3			2	2
4			4			2	2
5			5			2	2
6			6			2	2
7			7			2	2
8			8			2	2