## **KY Academic Institution Microgrid Project**

## **Evaluation Criteria**

## **Objectives and Metrics** This program will support institutions in:

1. Enhancing Grid Resilience – Ensuring critical facilities maintain power during outages.
2. Lowering Energy Costs – Improving energy efficiency and leveraging innovative technologies.

* Qualifications and Capabilities (50 Points)
  + Relevant experience with technology and process.
  + Strength of team assembled for project.
  + Ability of team to manage federal grants and state compliance obligations.
  + Support or alignment with Kentucky Energy Security Plan, Ky State Emergency Operations Plan and the KY Microgrid deployment assessment
* Technical and financial feasibility (50 Points)
  + Realistic project scope and funding plan is cost effective
  + Adopts a PHASED approach
  + Schedule, milestones, deliverables of project.
* University Benefits and Impact (50 Points)
  + Contributions to resilience, sustainability, cost savings and student safety.
  + Support from university leadership and partnerships with industry experts.
  + Cybersecurity considerations.
  + Includes metrics for tracking project success and benefits.
* Community Benefits (50 Points)
  + Improved community resilience HUB
  + Opportunities for increased environmental education and engagement.
  + Support for vulnerable or federally designated disadvantaged populations.
  + Community engagement plan and strategy.
* Hazard Risks (50 Points)
  + Lesson impact from future disasters.
  + Coordination with local electric utility.
  + Impacted by disasters over last 5 years.
* Budget and Leveraged funding (50 Points)
  + Justification for each expense category shall be provided in the Detail Budget Narrative. Project budget will be evaluated and scored for reasonableness by comparing cost vs. benefits of the overall application.
  + Funding leveraged to secure additional funding to complete the project.