



**2024 Research Project Proposal**

*The submitted proposal is not to exceed 5 pages.  
Bibliographies and References are not part of the page limit.  
Any proposal exceeding 5 pages will have the extra pages discarded.*

Submission Date:    Contact Name & Email:	Power Delivery Infrastructure and Systems	<input type="checkbox"/>
	Power Utilization and Energy Efficiency	<input type="checkbox"/>
	Data Management, Analytics and Security	<input type="checkbox"/>
	Power Generation, Storage and Integration	<input type="checkbox"/>
	Energy Policy, Markets and Economics	<input type="checkbox"/>

Research Theme: Please check box that applies to this proposal

**Project Title: [Brief descriptive title]**

**Project Summary:**

Consists of an overview, a statement on the intellectual merit, and a statement on the broader impacts of the proposed activity, not to exceed 250 characters. The summary shall be understandable by industry members and describe the problem or issue and state how the proposed research project will address the concern

**University Team Members: [list members of University Team]**

Name	University Affiliation	Email	Number of Students

**Project Period:**

Start Date: X/X/2024

Completion date: XX/31/2026

**Requested Funding: [fill in Tables 1 and 2]**

**Table 1: Base CAPER Funds**

Budget Request by Researcher/Name	YR 2024	YR 2025	Total
<b>Total</b>			

**Project Description:**

The description should discuss the research need, industry issues, problems that motivate the project and objectives of the project

**Project Benefits:**

List the benefits of the project as they relate to industry. State how the results of this project will benefit industry members through cost reductions, improved operations, improved customer service, etc.

**Application to Industry:**

Describe how the results can be applied to industry such as tools, hardware, more efficient operations, policies, rates, etc. Describe any commercialization possibilities of this research

**Work Plan:**

Describe the methods and techniques that will be used to achieve the project objectives and provide major milestones and dates

**Related Work:**

Should consider work that is being conducted elsewhere and provide a brief summary of this work

**How Does this Work Differ from Related Work:**

Discuss how the proposed work differs from past work. The unique contribution of this work should be clearly presented

**Collaboration Plan:**

Describe the mechanisms for collaboration among the industry advisors and the research team

## Budget Details and Justification: [fill in Table 3]

Table 3: Proposed Project Funding Requests

Budget Amount	YR 2024	YR 2025	Total
Personnel:			
Salaries & Wages			
Fringe Benefits			
Tuition Remission			
Equipment			
Travel			
Materials & Supplies			
Contract Support			
Direct Costs			
F&A 10%(MTDC)			

## Contact Information: [fill in Table 4]

Table 4: Proposed Project Contact Information

Principal Investigator/Name	Address	Phone #	Email
Proposal Administrator/Name			
Shannon Jenkins	9201 University City Blvd. Charlotte, NC 28223 EPIC, # 1228	(704) 687- 5287	Shannon.jenkins@ charlotte.edu

## Researcher Bibliographies:

Short biographical information should be provided for the Project Lead and each member of the Research Team

## References

There are no sources in the current document.