GridEd Undergraduate Design Project Proposal Form

The GridEd GREAT with Data program offers financial support (up to $5,000 per project) for undergraduate design projects meeting the following requirements.

Requirements for Award Consideration:
1. GridEd awards will be made only for support of *undergraduate* design projects.
2. Projects must be sponsored by an active Affiliate University.
3. GridEd prepares future power engineers and data scientists entering the power industry and will only consider projects related to engineering and data analytics challenges associated with generation, transmission, distribution, or end-use of electric power.
4. Applicants must be willing to submit a S*ummary of Results* from the design project within one year of award acceptance. The *Summary Report* (5-page maximum) must be made publicly available through a Creative Commons license (https://creativecommons.org/), such that GridEd can disseminate project goals and findings to the broader industry.
    a. Ownership of the results remain with the authors of the work.

Application Process:
Proposals for projects which meet the above criteria may be submitted to GridEd at any time. To be considered for 2022 funding, proposals should be **submitted by 11:59 pm Pacific time Monday, October 31st, 2022.** To submit a proposal, complete the following proposal template and send an email to afeser@epri.com. **Proposals should not exceed three pages.**[1]

Award Criteria:
- Technical Merit: The project description sufficiently describes the design challenge and technical requirements necessary for successful completion. The proposed project scope is related to power engineering and data scientist concepts that are expected to aid students in understanding the fundamental principles and overcome challenges associated with the generation, transmission, distribution, and end-use of electric power.
- Timeline: Projects must start within six months of the award date. Projects may be short-term semester style initiatives or larger multi-year investigations. GridEd will make only one award per project per year based on available funding. Existing projects seeking additional support will be considered for another award based on available funding.
- Budget: While total project budget may be any amount, GridEd can make awards for up to $5,000 in support of an approved project. An itemized budget that describes why GridEd funding is needed and for what it will be used should be provided. Applicable expenses may include items such as, but not limited to, equipment for testing, materials for prototyping, costs for modeling, printing costs, conference fees, or student travel to conferences to present results. GridEd will not consider projects that plan to use award funding to support work study, stipends, or scholarships, including graduate student assistantships or PhD research.

The *Review Committee* will make award **notifications on or before Friday, December 9, 2022.** For questions, please contact Amy Feser (afeser@epri.com).

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[1] **This cover page does not count towards the 3-page maximum form submission.**

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University Name	
University College and/or Department	
Faculty Sponsor / Technical Contact:	
Faculty Sponsor / Technical Contact Phone:	
Faculty Sponsor / Technical Contact Email:	
Business Contact:	
Business Contact Phone:	
Business Contact Email:	

Project Title:

Project Description:

Expected Outcomes:

Project Start Date:	
Project End Date:	

Line Item Budget:	**Amount in US Dollars**
Category *(please add more lines as applicable)*	

Estimated Number of Students Involved:	
Freshmen	
Sophomore	
Junior	
Senior	

Other Information *(Other project sponsors; expected presentation venues (capstone design courses, competitions, or conferences).*