

# GRIDED

The Center for Grid Engineering Education

## GridEd Undergraduate Design Project Proposal Form

GridEd offers financial support (up to \$5k 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 come from an actively engaged Affiliate university of GridEd.
3. GridEd seeks to prepare 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 summary of results from the design project to GridEd 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.
5. Ownership of the results are original to the authors of the work.

### Application Process:

Proposals for projects which meet the above criteria may be submitted to GridEd at any time but must be submitted by 5:00 pm PST Friday, November 26<sup>th</sup>, 2021 to be considered. To submit a proposal, complete the following proposal template and send an email to [afeser@epri.com](mailto:afeser@epri.com). **Proposal forms must be no longer than 3 pages.**<sup>1</sup>

### 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 which 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 6 months of the award date. GridEd will consider existing projects which are still seeking additional support. 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.
- Budget: A budget breakdown of expected project costs related to the award funding must be provided. While total project budget may be any amount, GridEd will only make awards up to \$5,000 in support of the project. Sufficient detail should be provided which describes why GridEd funding is needed and for what it will be used. 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 which plan to use award funding to support work study, stipends, or scholarships, including graduate student assistantships or PhD research.

GridEd will assemble a review committee comprised of personnel from EPRI and professors from participating GridEd universities to evaluate the qualifying\* proposals based on the criteria below.

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<sup>1</sup> This cover pages does not count towards the 3-page maximum form submission.

Award notifications will be made on or before December 10<sup>th</sup>, 2021. For questions, please contact Amy Feser ([afeser@epri.com](mailto:afeser@epri.com))

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<b>University Name</b>	
<b>University College and/or Department</b>	
<b>Faculty Sponsor / Technical Contact:</b>	
<b>Faculty Sponsor / Technical Contact Phone:</b>	
<b>Faculty Sponsor / Technical Contact Email:</b>	
<b>Business Contact:</b>	
<b>Business Contact Phone:</b>	
<b>Business Contact Email:</b>	
<b>Project Title:</b>	
<b>Project Description:</b>	
<b>Expected Outcomes:</b>	
<b>Project Start Date:</b>	Click here to enter a date.
<b>Project End Date:</b>	Click here to enter a date.
<b>Line Item Budget:</b>	
<b>Category</b> <i>(please add more lines as applicable)</i>	<b>Amount in US Dollars</b>
<b>Estimated Number of Students Involved:</b>	
<b>Freshmen</b>	
<b>Sophomore</b>	
<b>Junior</b>	
<b>Senior</b>	

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