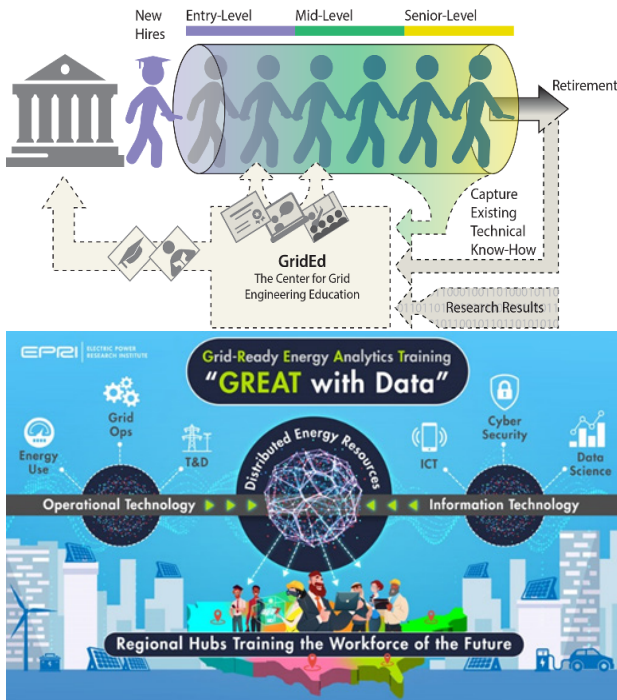EPRI | ELECTRIC POWER RESEARCH INSTITUTE

GridEd Training Courses and Activities

Project Highlights:

- Enable utilities and other industry organizations to train employees on digital power, DER, and the future electric grid at discounted prices
- Develop the next generation of digital power electric utility workforce
- Enable more engineers to gain professional development hours needed for re-certification and/or other goals

Background, Objectives, and New Learnings

To envision, design, and manage the grid of the future, the electric industry needs a well-trained workforce in both traditional power engineering and emerging and transformational technology. To fill these training and educational (T&E) needs, EPRI formed a consortium known as GridEd – The Center for Grid Engineering Education. The effort also is supplemented with EPRI's federally-funded workforce development program known as the Grid-Ready Energy Analytics Training (GREAT) with Data initiative. GridEd's goal is to train the next generation of new power engineers while enhancing the knowledge of current industry professionals through a robust professional training program. Training employees will not only enhance institutional knowledge but also will aid engineers in obtaining professional development hours (PDHs) needed to retain their engineering license and/or satisfy other goals.

Benefits

Expected benefits of this project include:

- Access to computer-based training (CBT) modules for broad scale training of employees.
- Discounted training costs by purchasing multiple seats in courses, thereby allowing more staff to be trained.

- PDHs to help engineers meet requirements for re-certification and career advancement.
- Development of custom courses to meet specific needs.
- Other workforce development services, such as assessing training gaps and job qualifications in cyber security, information and communication technologies (ICT), data science, and DER integration.

Project Approach and Summary

GridEd short courses (1.5-2 days in length) and CBTs are purchased through individual course enrollment, as a part of EPRI's existing GridEd Advisory Supplemental (Product # 3002015049) or under this GridEd Training Courses Supplemental. Through the Training Courses project, organizations may purchase any number of seats in GridEd live-in-person or live-online short courses. Seats can then be allocated by sending one staff member to multiple courses, multiple staff members to the same course, or any combination thereof. Seats must be used within one year of purchase. Purchase of CBT modules grants a list of specified employees access for one year.

Available and upcoming standard catalog courses are listed on the GridEd website (http://grided.epri.com). Live-in-person and live-online courses are limited to 25 participants and are filled on a first-come, first-serve basis.

Deliverables
- Registration for seats in GridEd short courses: A mix of in-person and live-online (http://grided.epri.com)
- On-site training and video designated courses
- Access to CBT modules for broad scale training

Price of Project
The standard price for all short courses and CBTs is $100/hour/person (e.g., $1,200 for a 1.5-day course) with discounts provided to organizations purchasing multiple seats. Additional discounts are provided to GridEd Advisory project funders.

Funders can also acquire on-site training and video designated courses. The cost is a function of the funder's distribution throughput metric (GWHrs), with 20,000 GWHrs or less considered a Small Utility and above considered a Large Utility. Discounts are available for GridEd Advisory project funders. An additional discount is available for funders who elect to self-produce and provide EPRI with a recorded course video at the funder's sole cost and expense. EPRI will provide site-use agreement owners additional live-in-person or live-online delivery of the subscribed course for $10,000.

See table for pricing details.

Project Status and Schedule
This initiative will begin in January 2019. Courses are scheduled per the GridEd website and advertisements.

Who Should Join
Participants interested in advancing the education of their current staff and preparing future digital power engineers for their company should join.

Contact Information
For more information, contact the EPRI Customer Assistance Center at 800.313.3774 (askepri@epri.com).

Technical Contacts
Tom Reddoch at 865.218.8120 (treddoch@epri.com)
Steven Coley at 615.542.2882 (scoley@epri.com)
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Product	Description	Price	Money Type
Individual course registration	Single-seat registration for a single short course. *(live in-person, live-online, and CBTs)*	$1,200/person or 100/hour/person; 20% discount for 3 or more persons per organization; 25% discount for university professors and government employees; 75% discount for graduate students	Cash only; 15% Cancellation Fee
Multiple participant and/or course registrations	Discounted, multiple-seat registration for multiple staff/courses. Seats must be used in a 12-month period. *(live in-person, live-online, and CBTs)*	**1-Seat**: $100/hour/person (no discount); **5 or more Seats**: 15% discount (25% for GridEd Advisory members); **10 or more Seats**: 20% discount (35% for GridEd Advisory members); **25 seats (All buy)**: delivered at the participant location at a 30% discount (50% for GridEd Advisory members); **CBT Modules**: $100/hour/person (50% discount for GridEd Advisory members)	Cash/SDF; 15% Cancellation Fee
On-site training and video designated courses	In-person course offering. Site use and recorded video of designated course(s)	Large/Small Utility: $55k/$45k per designated course ($40k/$30k for GridEd Advisory members) [$10K discount w/ funder-provided recording] [$10k for each additional live delivery of designated course]	Cash/SDF; 15% Cancellation Fee
Special Activities	Training gaps assessment and report	$35k-75k: Individualized Training Gaps and Job Qualifications Assessment in Cyber, ICT, Data Analytics, and DER integration. Report with individualized training roadmap.	Cash/SDF