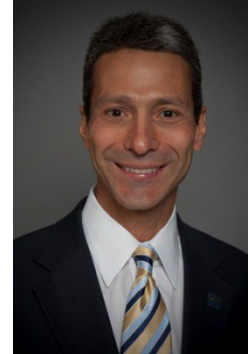


Please join us for dinner **April 13th** and a fascinating talk on grid reliability!

Electric Power Grid Reliability in a New Era of Energy Development

Director, Center for Energy
Director, Electric Power Initiative and Power Systems Lab
Professor, Electrical & Computer Engineering Department
Swanson School of Engineering – University of Pittsburgh



By
Professor Gregory Reed

Hosted by
Three Rivers Association for Energy Economics

Event Description:

Dr. Reed will provide an overview of the electric power and energy sector, along with recommendations on solutions to power grid reliability concerns, including the role of advanced power electronics control technologies and the emergence of Direct Current (DC) solutions at all levels of the grid. The discussion will also highlight opportunities for research and development needs in these exciting and dynamic fields, including the leadership role of the Pittsburgh region. Come and join us to gather with colleagues, discuss the key grid reliability concerns and explore opportunities in our region!

When: Monday April 13th @ 12-2pm

Where: Sharp Edge Bistro, 922 Penn Ave, Pittsburgh, PA

RSVP: https://eventbrite.com/event/16388626824/?utm_source=eb_email&utm_medium=email&utm_campaign=new_event_email&utm_term=eventurl_text

[Copy and paste in browser if the link doesn't work.]

Price, including lunch: \$20 Non-Student; \$15 Student (Meeting admission and meal cannot be separated from the price)

Speaker Biography

Dr. Gregory Reed is the Director of the University of Pittsburgh's Center for Energy, the Director of the Electric Power Initiative and Power Systems Lab in the Swanson School of Engineering at Pitt, and Professor in the Electrical & Computer Engineering Department. He is also the Director of the Grid Technologies Collaborative of the U.S. Department of Energy's National Energy Technology Lab; and an inaugural member of the National Academies of Science and Engineering's Energy Ambassador Program. His research interests, teaching activities, and related pursuits include advanced electric power and energy generation, transmission, and distribution system technologies; renewable energy systems and integration; power electronics and control technologies (FACTS, HVDC); DC infrastructure and microgrid developments; smart grid technologies; energy efficiency; and sustainability. Dr. Reed has nearly 30 years of combined industry and academic experience in the electric power and energy sector, including engineering, research & development, and executive management positions throughout his career with the Consolidated Edison of New York, ABB Inc., Mitsubishi Electric Corp., and DNV-KEMA Inc. He has authored or co-authored more than 75 papers and technical articles in the areas of electric power system analysis, the applications of advanced power systems and power electronics technologies, and power engineering education. He is an active member of the IEEE Power & Energy Society and the American Society of Engineering Education. He is active volunteer in the community, including the board of directors at Aquinas Academy of Pittsburgh. Dr. Reed earned his Ph.D. in electric power engineering from the University of Pittsburgh (1997), M.Eng. in electric power from Rensselaer Polytechnic Institute (1986), and B.S.E.E. from Gannon University (1985).

Three Rivers Association of Energy Economics

The Three Rivers Association for Energy Economics has received its official charter from the [United States Association of Energy Economics \(USAEE\)](#).

Our organization brings together energy professionals to network and discuss topics related to energy and economics. We will organize and hold periodic meetings featuring keynote speakers as well as provide casual forums for professionals to meet and exchange ideas. Anyone interested in the array of topics regarding energy economics--including theory, markets, public policy, and the environment is invited to join and actively participate. Please contact the Chapter President or other Officers for further information or questions on how you can get involved.

United State Association of Energy Economics (USAEE)



The United States Association for Energy Economics was founded in 1994 to provide a forum for the exchange of ideas, experience and issues among professionals interested in energy economics. We are the largest affiliate of the International Association for Energy Economics,

which is worldwide in its scope, as well as its members, who come from diverse backgrounds - corporate, academic, scientific, and government.

The USAEE is comprised of individual members, sustaining members and regional chapters. Chapters frequently sponsor talks and occasionally conferences on energy issues of relevance to their local members. The USAEE also hosts the "North American Conference" each year and grants annual awards.

There are many benefits from membership in USAEE. Members will gain a broader understanding of energy economics, policy making, and theory. Members are kept well informed by our publications and conferences on events within the energy industry and the challenges that lie ahead. Furthermore, membership provides opportunities to network within the largest association of energy professionals. For more information on membership with USAEE and IAEE, visit the membership section of our site.

www.usaee.org