

CIGRE NEWSLETTER

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**PRESIDENT'S CORNER • TECH. ACTIVITIES • NGN CORNER
WELCOME TO CIGRE! • THANK YOU SPONSORS • PARIS 2024**



A NOTE FROM THE PRESIDENT

Fellow U.S. CIGRE members,

Happy Fall! This is a busy time of year for those of us in the utility industry: Preparations for the winter season, an end-of-year rush to finish construction, and managing budgets and plans for 2024. At the U.S. National Committee (USNC), many things are happening this fall. First and most importantly, I want to welcome Electric Power Engineers and Epsilon Americas to the USNC. We continue to be the largest national committee in the CIGRE world and continue to gain individual membership monthly.

We had a very successful Grid of the Future (GOTF) Conference in Kansas City, hosted by Burns & McDonnell. More than 250 attendees, 70 Papers, 4 Keynote Industry Panels, and lots of highlights. A big “thank you” to Burns & McDonnell for being a great host and bringing the conference to the National World War I Museum, which was wonderful. Leslie Duke, CEO of Burns & McDonnell gave the keynote address on the second day. John McDonald, VP of Technical Activities for CIGRE, will have more to say about the conference. Next year, the conference will be held in Raleigh, NC, and hosted by Quanta Technology.

At the conference, there was an Executive Committee meeting where a few things were discussed and approved. First, in order to develop succession planning for the leadership, the position of President-Elect was approved. It is envisioned to allow the next President to learn about the duties before taking over. This is expected to be announced a year in advance of the existing President leaving the role. Damir Novosel is the VP of the Nominating Committee and will be looking for potential candidates. If you are interested or want to nominate someone, please contact either him (dnovosel@quanta-technology.com) or me (croot@quanta-technology.com).

We also congratulated John Paserba, Deputy VP of Technical Activities, for organizing our first of many quarterly



A NOTE FROM THE PRESIDENT

webinars. Mark McVey of Dominion Energy presented on “Experiences with doing Studies on Off Shore Wind Developments.” More than 100 people were online to hear his talk and more webinars will be coming. Thank you, John and Mark.

Each of the officers gave a report and Jessica Lau, Chair of Women in Energy (WiE), was given her Atwood Associate Award for her service to the USNC. Both the Next Generation Network (NGN) and the general USNC have been doing a lot of work on marketing, particularly on LinkedIn. Recent posts include topics such as the Leadership Profiles of the USNC, pictures from the GOTF, and recent Technical Brochures from CIGRE. All Collective Members get one seat on the USNC Executive Committee.

I would also like to point out that some of the most recent Technical Bulletins, written by the Working Groups of our 16 Study Areas, are listed in this newsletter. They are always well-written by industry experts, very readable, and timely in nature to address current issues. I urge you to take advantage of our wonderful technical resources, which can be found at e-cigre.org. All Technical Brochures and papers are free to all members.

Lastly, I would like to remind you of next year’s CIGRE Meeting in Paris from August 25-30 at the Palais des Congrès. This is expected to be one of the most well-attended Paris meetings, and the U.S. has over 100 synopses accepted. Registration will open up after the first of the year. The meeting occurs after the 2024 Paris Olympics and just before the Paralympics, so planning to attend the meeting and making hotel and travel arrangements will need to be done early.

Have a good fall and Holiday Season. Thank you for being a CIGRE member.

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NEXT ISSUE: SCHEDULED FOR FEB. 15, 2024



Pay Dues

NEXT GENERATION NETWORK (NGN) CORNER

BY: CAMMIE POLLACK, JAMES BERGER, AND LOGAN ROLLES



The 2023 Grid of the Future symposium featured many learning and networking opportunities for, and contributions from, young professionals across the power industry. Events ranged from a professional development seminar led by Vanry Associates that provided a framework for difficult conversations and guidelines for framing discussions, to an NGN breakfast where speaker Mandy Olson was able to share her perspective on the importance of CIGRE and getting involved. The NGN events for the week wrapped up with a crowd favorite of the symposium, the NGN dinner and networking event, which was held this year at Science City with speaker Jessica Lau.

There were also exciting and educational paper presentations on topics that will help develop our grid into the “grid of the future.” Young professionals were able to engage with and learn from their peers as well as more senior professionals in the industry. On behalf of the NGN Executive Committee, thanks to all our young professional members who helped contribute to and attend this year’s conference! Thank you also to all the companies and more senior members who help to encourage, mentor, and sponsor participation by the young professionals in their organizations!

If you’re a professional under the age of 35 or with less than 10 years of experience in the power industry, reach out to James Berger (james.berger@powereng.com) to learn more about getting involved with the NGN!



NGN Breakfast at Grid of the Future Symposium in Kansas City.

NEXT GENERATION NETWORK (NGN) CORNER



The 2023 CIGRE NGN Grid of the Future Symposium Paper Competition was a great opportunity to learn about some of the work and improvements that our younger engineers have been working on. Since early 2023, young professionals from across the country have been working to author synopses, and eventually whitepapers, for the competition – with the top five finalists presenting live at Grid of the Future for a chance to win \$1,000 to travel and present at the CIGRE Paris Symposium!

The finalists and papers were:

- Danial Nazemi with his paper on “Exploring the Benefits of Demand Response in the PJM Wholesale Energy Market: A Cost-Benefit Perspective”
- Qing Shen with her paper on “Powering the Future: Harnessing Neural Dynamic Equivalence for Enhanced Power System Applications”
- Isabela Anselmo with her paper on “Visualization Methods for Quickly Understanding the Evolution of Power Flow Constraints under AC Contingency Analysis”
- Brian Leist with his paper on “Navigating Uncertainties in Dynamic Line Rating Estimation”
- Andrew Siler with his paper on “Optimized Power Flow Control Device Siting with Coupled Production Cost / AC Powerflow Modeling”

It was highly competitive, and all five participants did a fantastic job with their presentations. The first-place winner was Brian Leist from LineVision. It was an excellent opportunity for the attendees to learn and for the participants to share their work with the engineering community.



NGN Executive Committee Members at the Grid of the Future NGN Dinner and Networking Event.



TECHNICAL ACTIVITIES UPDATE

BY: JOHN MCDONALD

The CIGRE USNC Grid of the Future (GOTF) Symposium was held on October 9-12 in Kansas City, MO, and was hosted by Burns & McDonnell. There were over 250 attendees. The technical program included 70 papers presented in 20 paper sessions, four panel sessions, two keynotes, technical tours and tutorials, as well as WiE (Women in Energy) and NGN (Next Generation Network) activities. The 20 paper sessions were moderated by NGN young professionals. The top five papers in the NGN Paper Competition were presented and the winner announced the next day. The 2024 CIGRE USNC GOTF Symposium is on November 11-14 in Raleigh, NC, hosted by Quanta Technology.

A total of 1,737 synopses for the 2024 CIGRE Paris Session were received for review by the 16 CIGRE Study Committees. For the U.S. National Committee, 104 of the 117 synopses were accepted! The CIGRE Central Office is now sending mass mailings to authors for notification. The message includes selection results and comments from Study Committees. The template for full papers, as well as instructions and information for the paper's layout, will be forwarded in a separate email later. These documents will be also posted on the [CIGRE website](#). For those authors whose synopses were accepted, full papers should be written from now to December 22. Please submit your full papers to John McDonald (johndougmc@gmail.com) by December 22, 2023. The full papers will be reviewed, and the reviewer's comments sent to the authors. I will upload the final papers to the CIGRE Central Office in Paris by CIGRE's deadline of February 6, 2024.



THE 2024 PARIS SESSION IS PROMISING TO BE THE BEST EVER - AUGUST 25-30, 2024. PARIS WILL HOLD THE OLYMPICS IN JULY AND THE PARALYMPICS LATE AUGUST INTO SEPTEMBER SO BOOK YOUR HOTEL AND FLIGHTS NOW. THE HOTELS ADJACENT WILL BE EXPENSIVE SO EXPLORE OTHERS A WALK OR METRO AWAY. FOLLOW SESSION.CIGRE.ORG FOR INFORMATION. REGISTRATION WILL BE AT CIGRE-USNC.ORG EARLY IN 2024. DO NOT DELAY!!

JOIN A WORKING GROUP!

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Aug. 25-30, 2024

CIGRE Paris Session
at Palais de Congrès
in Paris, France
Book Travel/Hotels NOW!

Nov. 11-14, 2024

Grid of the Future Symposium
in Raleigh, NC
and sponsored by
Quanta Technology



CNET: Community Solar Is Growing to Fill the Gaps in Clean Energy



The Hill: Biden administration announces 15 new renewable energy projects on public lands



BizTech: Tech Innovation Can Help Utilities Meet Increasing Global Energy Needs



MPRNews: Mixing solar and farming could be key to clean energy future

Thank You!

Paris Session Sponsors

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