

CIGRE NEWSLETTER

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A NOTE FROM THE PRESIDENT

Happy New Year! The year has started off with unusual weather in many parts of the country. This has definitely kept all our utility members very busy. This year will be a busy one for the U.S. National Committee of CIGRE.

First, I would like to welcome a new Collective Member since the last newsletter. ITC, the Midwestern transmission utility, has joined. Welcome and thank you! We have a plan to continue to grow the number of utility members this year. We have over 70 collective members now, a record number.

There are several conferences and meetings the USNC will be at and I would like to talk about them in the order they occur during the year.

1. The IEEE T&D Exposition in Anaheim, CA on May 6-9: There will be a CIGRE USNC booth there. We invite you to stop by and say hi - invite your friends to stop by, too. I will be there with Sharon Loe and a few others.

2. The USNC Annual Meeting - Luncheon and Executive Meeting in Seattle, WA on July 23: This takes place during the IEEE PES General Meeting. At the luncheon, there will be awards given out and an update on the USNC activities will be provided. Later in the afternoon is an Executive Meeting with an invited speaker (more to come). Last year's luncheon sold out with over 100 attendees. Tickets will be available closer to the event. If you are attending the General Meeting, please plan on attending the luncheon, too. We will also have a booth at this conference.

3. CIGRE Paris 2024 Conference and Exposition from Aug. 25-30: This biennial global event, at the Palais des Congrès, has been happening for over 100 years. For the first time ever, more than 1,000 technical papers have been submitted for CIGRE Paris. Also, there will be panels and technical updates by all technical study



A NOTE FROM THE PRESIDENT

committees. On Sunday, there will be a briefing for all U.S. attendees from 2-3:30 pm, where all 16 Study Committees will report on activities in their areas. This is unique to the U.S. and is incredibly informative. Registrations for the conference will be open soon at [this link](#). Session information will be available at session.cigre.org.

The famous USNC reception for all U.S. registered attendees (and one guest) will be held on the evening of Monday, Aug. 26. The venue will be at a different location than we have used in the past (due to the Summer Olympics, which is happening in July) but is of equal impressiveness. This reception is an amazing event with incredible food and drink. We are still looking for sponsors for this event. Contact s-loe@tamu.edu for more sponsorship information. I encourage you to book your trip soon, as hotels have opened their sites previously closed due to the Olympics.

4. The Grid of the Future Conference on Nov. 11-14 in Raleigh, NC: This conference by the USNC is a great opportunity to write a paper, attend four great panels with industry experts, take some tours, and meet many industry colleagues. There are activities for the Next Generation Network (NGN) and a Women in Energy (WIE) event and panel, too. The NGN also will hold a paper contest with the best NGN paper receiving a free trip to the 2026 Paris conference. There were over 75 papers presented last year and over 300 people attended. This year, it is sponsored by Quanta Technology. There are also opportunities to sponsor this event by contacting Sharon Loe at s-loe@tamu.edu.

I would also like you to consider nominating someone for either the Atwood Associate or Dale Douglas Award. More information is found on the www.cigre-usnc.org website under ABOUT and Awards and Distinctions. Nominations can be made by emailing elizabeth.larose@ge.com.

There is certainly much going on in the U.S. with CIGRE and I hope to meet many of you at these events. Please feel free to give me any comments or feedback.

Chris Root
USNC President
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PARIS SESSION REGISTRATION OPEN SOON!
REGISTER SOON: [CIGRE-USNC.ORG](https://www.cigre-usnc.org) | INFO: [SESSION.CIGRE.ORG](https://session.cigre.org)
(BOOK HOTEL AND TRAVEL ASAP AS SPACE IS FILLING UP. SEE YOU THERE!)

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NEXT ISSUE: SCHEDULED FOR MAY 15, 2024



Pay Dues

NEXT GENERATION NETWORK (NGN) CORNER

BY: JAMES BERGER



2024 is a big year for the U.S. NGN! To start, the NGN and WiE Mentorship Program is returning in 2024, with the same goal of providing professional development and networking opportunities to CIGRE members. Be on the lookout for the sign-up survey, which will be sent out in early April. As a reminder, mentors should possess at least 10 years of experience in the power industry, while mentees should have less. Similar to last year, participants in the program will have access to webinars that can be used toward continuing education credits required for P.E. licensure. If you have any questions about the program, please contact Nicholas.M.Skoff@dominionenergy.com or Genesis.B.Alvarez@dominionenergy.com.

In addition to the mentorship sign-up, keep an eye out for the Call for Papers for this year's NGN Paper Competition at Grid of the Future in Raleigh, NC. The winner will qualify to receive a registration for the 2026 Paris session, along with a stipend for attendance.

The U.S. NGN has also been given the privilege of hosting the NGN booth at this year's Paris session in August. There will be a sign-up sent out in the coming months for those interested in helping work the booth.

Lastly, the NGN is continuing to host regular webinars throughout 2024 so keep an eye out for announcements as we get into the year. We are excited for the upcoming year and looking forward to connecting with all of you!

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!



The world's leading global event
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PARIS
SESSION 2024
25 - 30 August

CIGRE

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 OPEN AT CIGRE-USNC.ORG SOON. DO NOT DELAY!!

JOIN A WORKING GROUP!

WWW.CIGRE-USNC.ORG | PLEASE FOLLOW US ON LINKEDIN

BY: JOHN MCDONALD

Renewal of USNC Study Committee Regular Members and Regular Additional Members

Every two years, CIGRE has a renewal of the members of the Study Committees from each National Committee. This includes Regular Members and Regular Additional Members for each Study Committee. These members are the “bridge” between the global activities of each Study Committee and the National Committee. For the USNC, they review CIGRE Paris Session synopses and papers every two years, and review Grid of the Future Symposium papers every year. The proposed members for the 2024-2026 period are shown below, where the transition is effective after the CIGRE Paris Session in August. The grey-shaded rows are the Regular Additional Members. The others are the Regular Members. The leadership for each of the 16 Study Committees is reviewing all National Committee proposals. Results will be announced in May.

SC	Representative's Name	Study Committee Name
A1	Howard Penrose	Rotating Electrical Machines
A2	Craig Swinderman	Power Transformers & Reactors
A3	Brian O'Neil	Transmission & Distribution Equipment
A3	John Webb	Transmission & Distribution Equipment
B1	Tom Zhao	Insulated Cables
B2	Erik Ruggeri	Overhead Lines
B2	Rob Schaerer	Overhead Lines
B3	George Becker	Substations & Electrical Installations
B3	Dan Schiffbauer	Substations & Electrical Installations
B4	David Roop	DC Systems & Power Electronics
B4	Marek Furyk	DC Systems & Power Electronics
B5	Jonathan Sykes	Protection & Automation
B5	Alex Apostolov	Protection & Automation
C1	Mark Lauby	Power System Development & Economics
C1	Jay Caspary	Power System Development & Economics
C2	Renuka Chatterjee	Power System Operation & Control
C2	Adam Keech	Power System Operation & Control
C3	Mandy Olson	Power System Environmental Performance
C4	Gaurav Singh	Power System Technical Performance
C4	Julia Matevosyan	Power System Technical Performance
C5	Jeff Bladen	Electricity Markets & Regulation
C5	Anant Venkateswaran	Electricity Markets & Regulation
C6	Jouni Peppanen	Active Distribution Systems and Distributed Energy Resources
C6	Tanguy Hubert	Active Distribution Systems and Distributed Energy Resources
D1	Ibrahima Ndiaye	Materials and Emerging Test Techniques
D2	Chen-Ching Liu	Information Systems & Telecommunication
D2	Junho Hong	Information Systems & Telecommunication

TECHNICAL ACTIVITIES UPDATE

The current CIGRE USNC Regular Members and Regular Additional Members, who will serve in these positions through August, are on the CIGRE USNC website at this link: <https://cigre-usnc.org/study-committee-representatives/>

U.S. National Committee Papers for 2024 CIGRE Paris Session

The U.S. National Committee submitted 92 papers by the deadline of Feb. 6 for the 2024 CIGRE Paris Session. The Study Committees will review the papers. Notification of acceptance of full papers after their peer review is May 6. The distribution of papers by Study Committee are:

- A1 – 0
- A2 – 3
- A3 – 5
- B1 – 5
- B2 – 4
- B3 – 9
- B4 – 2
- B5 – 11
- C1 – 6
- C2 – 5
- C3 – 3
- C4 – 11
- C5 – 7
- C6 – 11
- D1 – 4
- D2 – 6

The organizations that submitted the most papers are: EPRI (14), Exelon/ComEd (11), Hitachi Energy (6), GE (4), Burns & McDonnell (4), Doble Engineering (4), Dow (3), POWER Engineers (3), and NERC (3).

Note that the authors of 10 accepted synopses withdrew their papers. The authors are from these companies, where some companies withdrew more than one paper: GE (3), Megger (1), Exelon/ComEd (2), Burns & McDonnell (1), Quanta Technology (1), LUMA Energy (1), and UC San Diego (1).

If you will be in Paris for the 2024 CIGRE Session, please plan to attend the USNC Meeting on Sunday, Aug. 25 from 2-3:30 p.m. This is the most comprehensive review of CIGRE technical activities for all 16 CIGRE Study Committees. This information is prepared and given by the CIGRE USNC Study Committee Regular Members and Regular Additional Members and includes two areas of information for each Study Committee: scope and activities in general, and the specific activities during the week of the Paris Session. The PowerPoint deck used every two years at this meeting is an excellent reference for CIGRE technical activities.

Papers for 2024 Grid of the Future (GOTF) Symposium

The CIGRE U.S. National Committee Grid of the Future (GOTF) Symposium will be from Nov. 11-14 in Raleigh, NC, hosted by Quanta Technology. The Call For Papers will be issued in early March. Note that there is no abstract step – full papers (12 pages or less in length) will be due around Aug. 1. The GOTF is a perfect conference for students and young professionals to write and present their first papers. Please plan on preparing papers for this year's GOTF!

Study Committee Scopes and Leadership

I use this link frequently for a refresher on the technical scopes of each of the 16 CIGRE Study Committees, and the leadership (email addresses) of each Study Committee. The link is: <https://www.cigre.org/GB/knowledge-programme/our-16-study-committees-and-domains-of-work>

Active CIGRE Working Groups

I use this link frequently to review the active CIGRE Working Groups. The Working Groups are listed by the year they were created. The link is: <https://www.cigre.org/article/GB/knowledge-programme/active-working-page/cigre-active-working-groups--call-for-experts>

New CIGRE Technical Publications

I use this link to review the new CIGRE technical publications, which include Technical Brochures, ELECTRA, Webinars, and Green Books. The link is: <https://www.e-cigre.org/>

WELCOME TO CIGRE!

Shahab Afshar • Jake Bartelds • Clifton Black • Ryan Burg • Kevin Cooper
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Srikanth Vadrevu • Randika Wijekoon • Jiahao Xie • Selin Yanikara
Peng Zhang • Jimiao Zhang • Zhangxin Zhou

Recent CIGRE Publications (2024) - [VIEW & DOWNLOAD HERE](#)

NEW
TECHNICAL
BULLETIN

1. Optimal transmission and distribution investment decisions under increasing energy scenario uncertainty
2. Review of Large City & Metropolitan Area power system development trends taking into account new generation, grid and information technologies

NEW
WEBINAR

3. Fundamentals of Current Interruption in (high voltage) Vacuum Breakers

NEW
GREEN BOOK

4. Compact Overhead Line Design

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: This Year's
Super Bowl Stadium Is
Powered by Renewable
Energy



SC Magazine: Here's
how we can make
water utilities more
secure



Power Technology: Smart
grid tech to ensure grid
stability in extreme
weather



BizTech: The Tech That's
Powering a Sustainable
Future for Energy and
Utilities

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We continue to solicit and accept sponsorships. Sponsorships can be purchased [at this link](#) on the CIGRE-USNC webpage. Request more information by emailing: Sharon Loe at s-loe@tamu.edu.