

# US National Committee 2024 Annual Meeting of Members



**cigre**

For power system expertise

# Agenda

1.	USNC President's Opening Remarks	C. Root
2.	Technical Activities Report	J. McDonald
3.	Awards and Recognition	E. LaRose
4.	Nominations and Appointments	D. Novosel
5.	Treasurer's Report	S. Ramsay
6.	Marketing	M. Vaiman
7.	Women in Energy	J. Lau
8.	Next Generation Network	J. Berger
9.	International Update	M. Heyeck
10.	Future CIGRE and USNC Meetings	C. Root
11.	Other Business and Discussion	USNC Members



## History: Standing for power system expertise since 1921

Established in 1921 in Paris, France, CIGRE is a global community committed to the collaborative development and sharing of power system expertise. The community features thousands of professionals from over 90 countries and 1250 member organizations, including some of the world's leading experts. At its heart are CIGRE's 59 in country National Committees offering diverse technical perspectives and expertise from every corner of the globe.

CIGRE operates the world's foremost knowledge program, spanning 16 domains of work encompassing all the core areas of the power system. Across these domains 250+ Working Groups draw and build on practical expertise to solve existing and future challenges facing the power system.

All this means that when electricity industry professionals look for the unbiased, fact-based answers they need, they turn to CIGRE, the world's preeminent source for power system expertise.



## Who Are We?

1. **PURPOSE** - To foster engagement and knowledge sharing among power system professionals globally to enable the sustainable provision of electricity for all.
2. **MISSION** - We contribute to the betterment of power systems by enhancing the expertise of the people within it.
3. **VISION** - To be universally recognized as the leading global organization for all aspects of electric power systems.



# CIGRE Organization 2020-2024

## Officers

- **President**
  - Michel Augonnet (FR)\*
- **VP Finance (Treasurer)**
  - Mike Heyeck (USA)\*\*
- **VP Technical Council Chair**
  - Marcio Szechtman (BR)\*
- **Secretary General**
  - Philippe Adam (FR)

## US Representative on Administrative Council & Steering Committee

- Mike Heyeck\*\*

1. \* Terms Ending; Replacements for 2-year Terms Elected by the Administrative Council August 27, 2024

2. \*\* Term Extended from 2020-2024 for Third 2-year Term to Paris Session August 2026



# President's Update

- Added several new members, now at 69 Collective Members
- 14 universities were sponsored
- Membership rates for individual will be increasing to \$175/yr
- Paris Meeting will be one of the largest ever
- Speaker, Mark Lauby, Sr Vp of NERC to speak at the ExCom Meeting
- Elections today for President Elect.
- GOTF 2024 Planning for Raleigh, NC in November ongoing, Quanta Technology, Host
- Sponsorships are still available for GOTF and Paris Reception, papers still being accepted but there is a limit of 100.
- A location and sponsorship for 2025/6 GOTF is still available.



## Technical Activities Committee

- USNC Regular Members and Regular Additional Members to CIGRE Study Committees & Appointment Dates
- USNC Papers Selection Process for Paris Session
- GOTF Paper Submission and Evaluation
- Working Groups/Task Forces Member Selection Process
- USNC Meeting during 2024 CIGRE Paris Session
- CIGRE Publications
  - CIGRE Green Books
  - CIGRE Technical Brochures
- CIGRE WG and Young Expert Country Origins
- Women in CIGRE WGs Country Origins
- Women WG Convener Country Origins

## U.S. Regular Members to CIGRE Study Committees & Appointment Dates

- A1-Hugh Zhu (Consultant) - 2018
- A2-Mike Lamb (Dominion Energy) – 2018
- A3-Albert Livshitz (Qualus) – 2018
- B1-Rusty Bascom (Electrical Consulting Engineers, P.C.) – 2018
- B2-Erik Ruggeri (POWER Engineers) – 2020
- B3-George Becker (POWER Engineers) – 2020
- B4-Neil Kirby (GE Vernova) – 2018
- B5-Mladen Kezunovic (Texas A&M University) – 2018



## U.S. Regular Members to CIGRE Study Committees & Appointment Dates

- C1-Jeff Palermo (PJP Consulting) – 2016
- C2-Todd Ramey (MISO) – 2018
- C3-Randy Grass (POWER Engineers) - 2020
- C4-Gaurav Singh (EPRI) - 2020
- C5-Jeff Bladen (Meta) - 2020
- C6-Sundar Venkataraman (NewGrid Consulting LLC) – 2018
- D1-Luke Van der Zel (EPRI) – 2018
- D2-Chen-Ching Liu (Virginia Tech) – 2020

## U.S. Regular Additional Members to CIGRE Study Committees & Appointment Dates

- A1-None
- A2-None
- A3-Brian O'Neil (RMS Energy Co., LLC) - 2020
- B1-Tom Zhao (EPRI) – 2022
- B2-Doug Proctor (Proctor Engineering) – 2018
- B3-None
- B4-David Roop (MEPPI) – 2020
- B5-None

## U.S. Regular Additional Members to CIGRE Study Committees & Appointment Dates

- C1-None
- C2-None
- C3-Mandy Olson (Burns & McDonnell) - 2022
- C4-None
- C5-None
- C6-None
- D1-Bill Larzelere (Evergreen High Voltage) – 2018
- D2-None

## 2024 Synopses Selection Process for Paris Session

1. 117 Synopses Received and Forwarded to USNC Study Committee Reps for their Advisory Committee Review (80 Received for 2022; 75 for 2020; 47 for 2018; 48 for 2016)
2. Synopses Reviewed with Following Criteria:
  - Relevance to SC Preferential Subjects
  - Technical Content
  - Clarity of Synopsis
  - Avoid Commercialism
3. 117 Synopses Submitted to Paris (104 Synopses Accepted for 2024)
4. Historical Acceptance Rate: 104/117 (89%) Accepted for 2024; 75/80 (94%) for 2022; 57/60 (95%) for 2020, 27/30 (90%) for 2018, 93% for 2016, 87% for 2014, 83% for 2012
5. USNC has 88 Papers Accepted – Third Behind China and India in Number

## CIGRE USNC 2024 Grid of the Future (GOTF) Paper Process

- GOTF History: Pilot 2011; Every Year (except 2020) Since 2012
- Call For Papers
  - Theme: Technology for the 21<sup>st</sup> Century Electric Utility
- No Abstract Step – Full Papers Only – Submitted by August 5, 2024
- Use Paper Preparation Template
- Papers Reviewed in August and September
- Reviewer's Comments Incorporated in September and October
- 100 Papers Maximum for Acceptance
- 25 Paper Sessions Maximum for 2024 GOTF Technical Program

## GOTF Paper Evaluation Process

- Submitted Papers Forwarded to USNC Study Committee Reps for their Advisory Committee Review
- Evaluation Criteria
  - Novel and Innovative Technical Content (Concept with Implementation Results)
  - Clarity of Paper
  - No Commercialism
  - Adherence to Required Formatting (Use Paper Preparation Template)

## Working Groups/Task Forces Member Selection Process

- Interested Candidates must have Individual Member Dues Paid and Send CV
- Obtain Email Address for New WG Convener and Submit Candidates' CVs Directly to Convener and SC Leadership
- Request Convener to Confirm Candidates' Membership
- If no USNC Candidates Interested in a New WG, will ask New WG Convener for Knowledge of US Experts, and will Contact them to see if they are Interested in Joining
- If More Candidates are Interested in Same WG than CIGRE Policy Allows, Establish “Shadow or Mirror WG” within USNC

## USNC Meeting During 2024 CIGRE Paris Session

- Sunday, August 25 from 2:00 p.m. to 3:30 p.m. at the Palais des Congres de Paris, Room 251
- Most Comprehensive Overview of Technical Activities for each of the 16 Study Committees (Technical Areas)
  - Technical Activities of SC in General
  - Technical Activities of SC During the Week of the CIGRE Paris Session
- Presentations by USNC Regular Members and Regular Additional Members
  - They are the 'Bridge' Between Global SC Activities and the USNC
  - Renewal of USNC Regular Members and Regular Additional Members Effective After CIGRE Paris Session



# CIGRE Publications

- Reference Papers
- ELECTRA
- CIGRE CSE
- Green Books
- Papers and Proceedings
- Technical Brochures
- eCIGRE



# CIGRE Green Books

- SC A2 Transformer and Reactor Procurement
- SC B1 Accessories for HV and EHV Extruded Cables – Volume 1: Components
- SC B1 Accessories for HV and EHV Extruded Cables – Volume 2: Land and Submarine AC/DC Applications
- SC B2 Compact Overhead Line Design
- SC B2 Techniques for Protecting Overhead Lines in Winter Conditions
- SC B4 Flexible AC Transmission Systems
- SC B5 IEC 61850 Principles and Applications to Electric Power Systems
- SC C1 Power System Assets – Investment, Management, Methods and Practices
- SC D2 Utility Communication Networks and Services

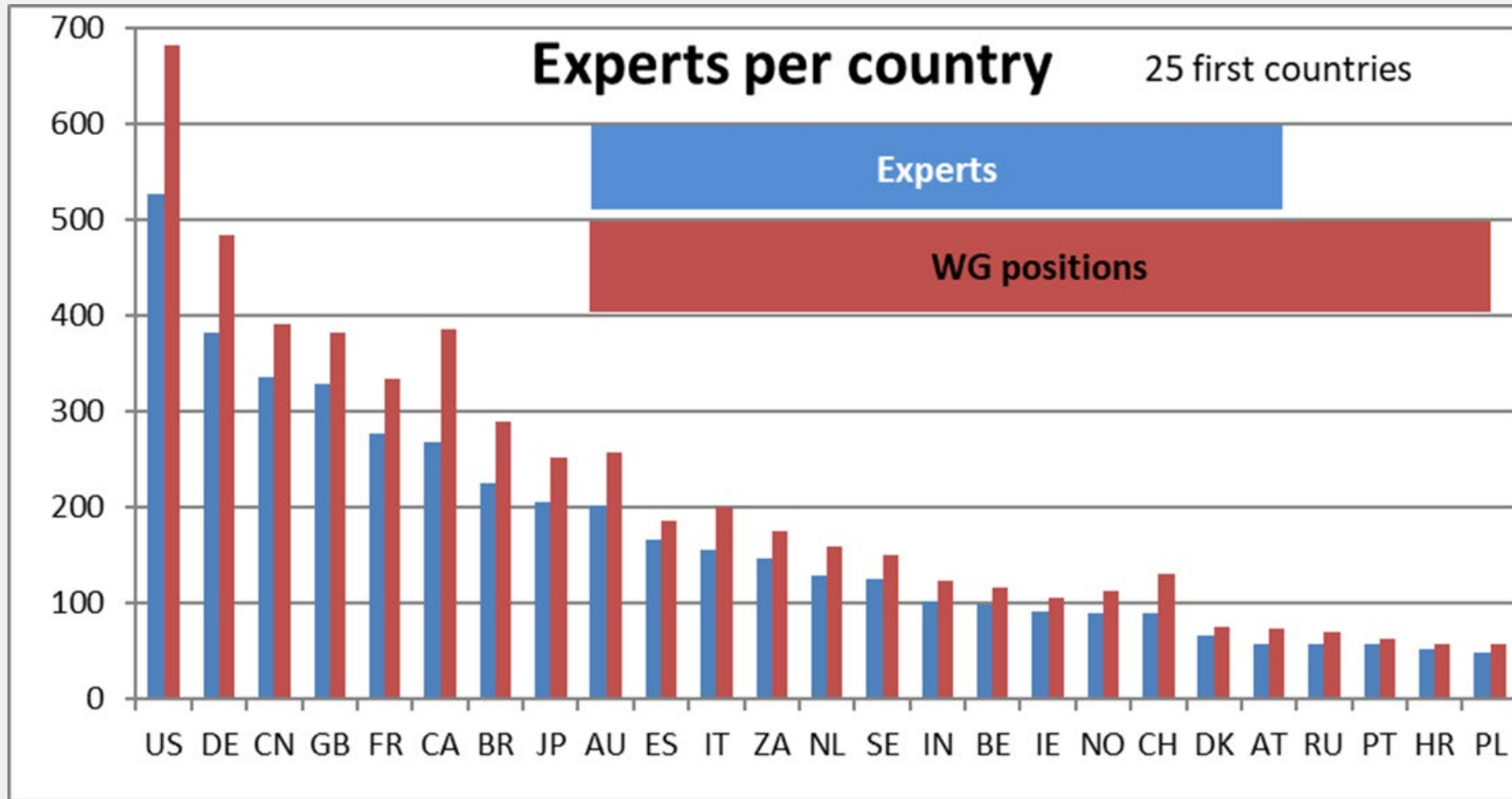
Green Books are CIGRE's flagship reference publications. CIGRE members receive a 40% discount.

## CIGRE Technical Brochures

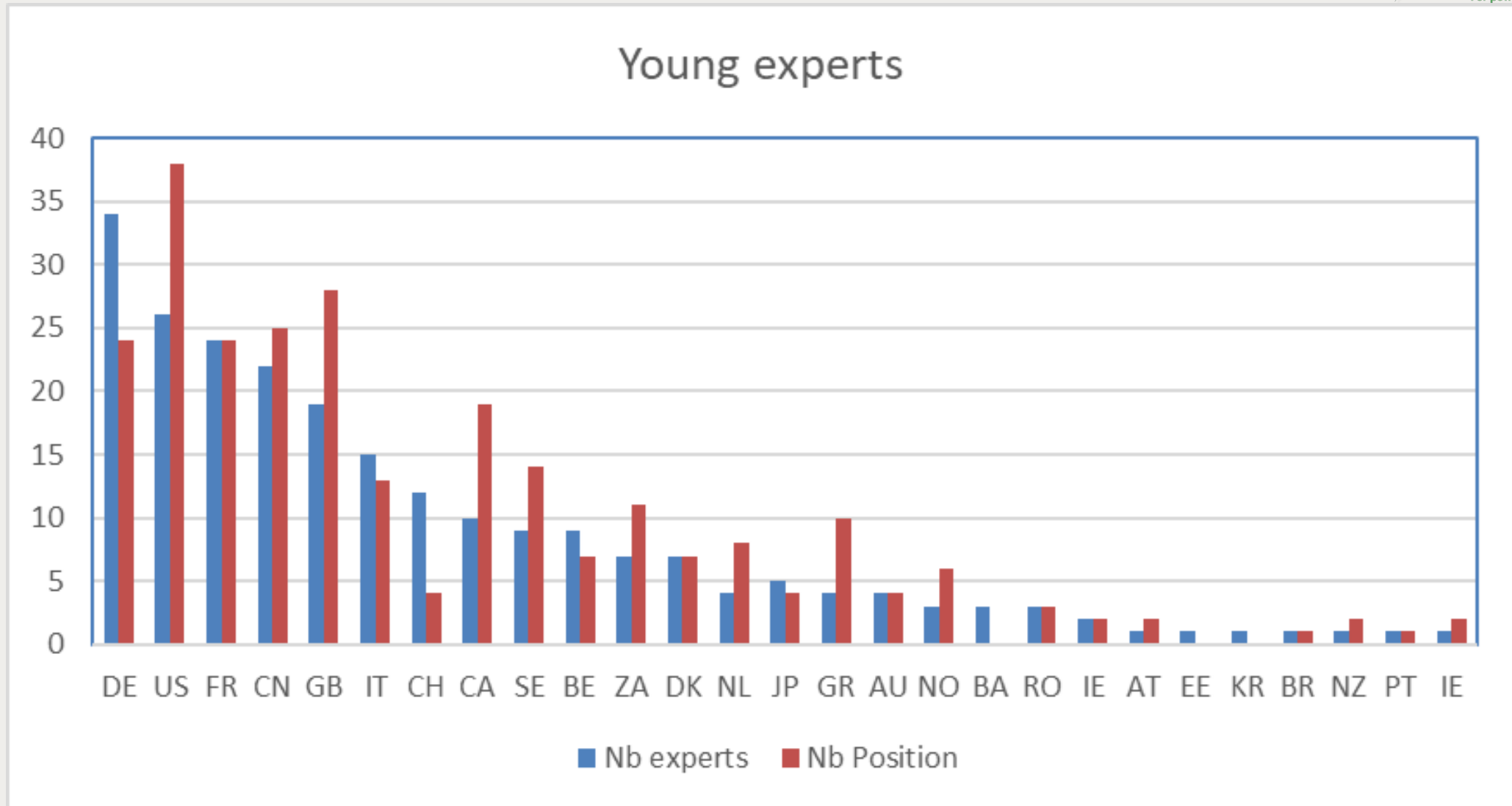
- TB914 Guidelines for SF6 end-of-life treatment of T&D equipment (>1 kV) in substations
- TB911 Power system restoration accounting for a rapidly changing power system and generation mix
- TB897 Carbon pricing in wholesale electricity markets
- TB882 Closing the gap in understanding between stakeholders and electrical energy specialists
- TB875 Medium voltage DC distribution systems
- TB874 Auction markets and other procurement mechanisms for demand response services
- TB851 Impact of high penetration of inverter-based generation on system inertia of networks
- TB823 Substation servicing and supervision using mobile devices and smart sensing
- TB820 Optimal power system planning under growing uncertainty
- TB807 Application of robotics in substations

There are over 920 technical brochures available on [e-cigre.org](http://e-cigre.org) at no charge for CIGRE members. Nearly 40 are added every year.

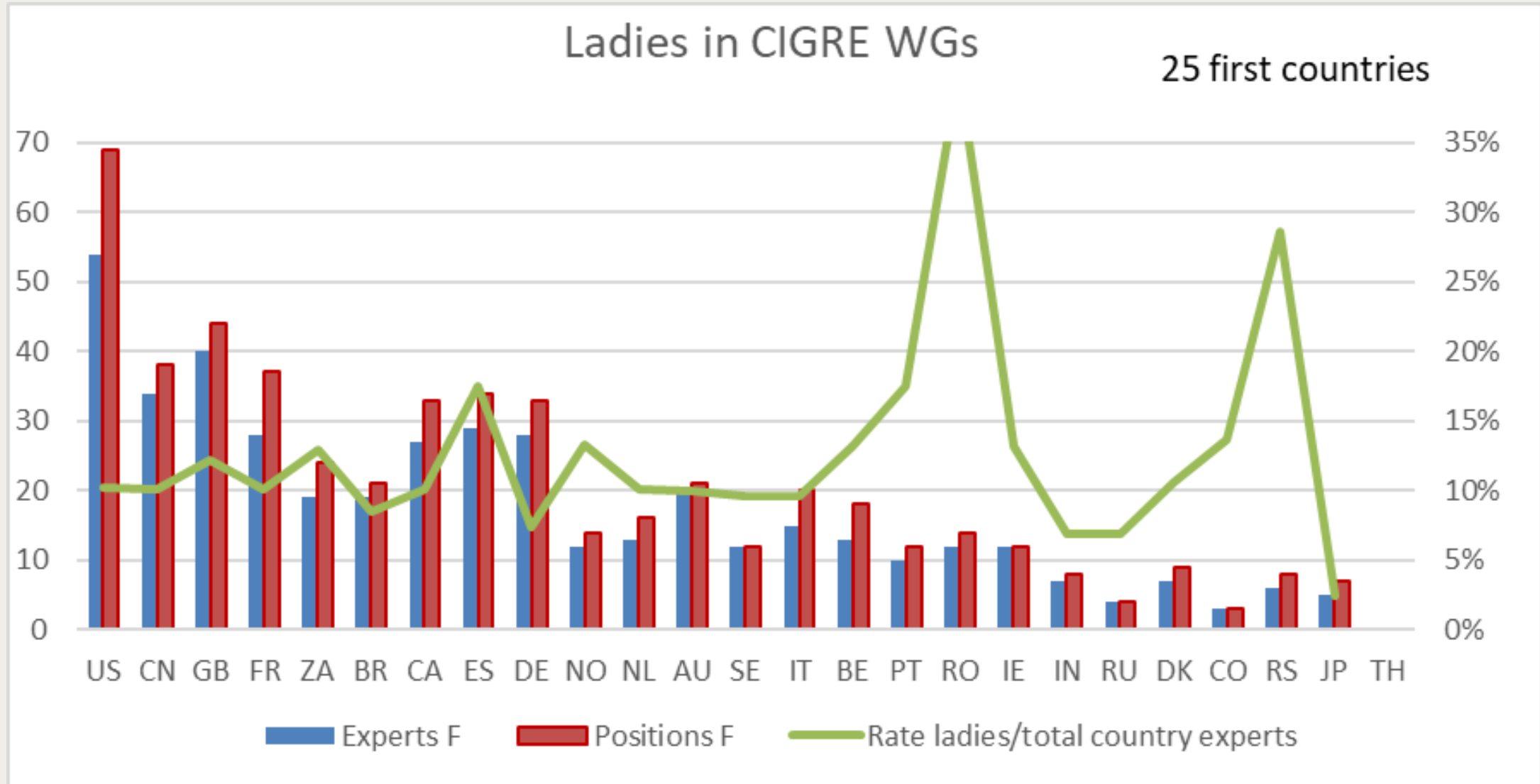
# Working Group experts and positions per country



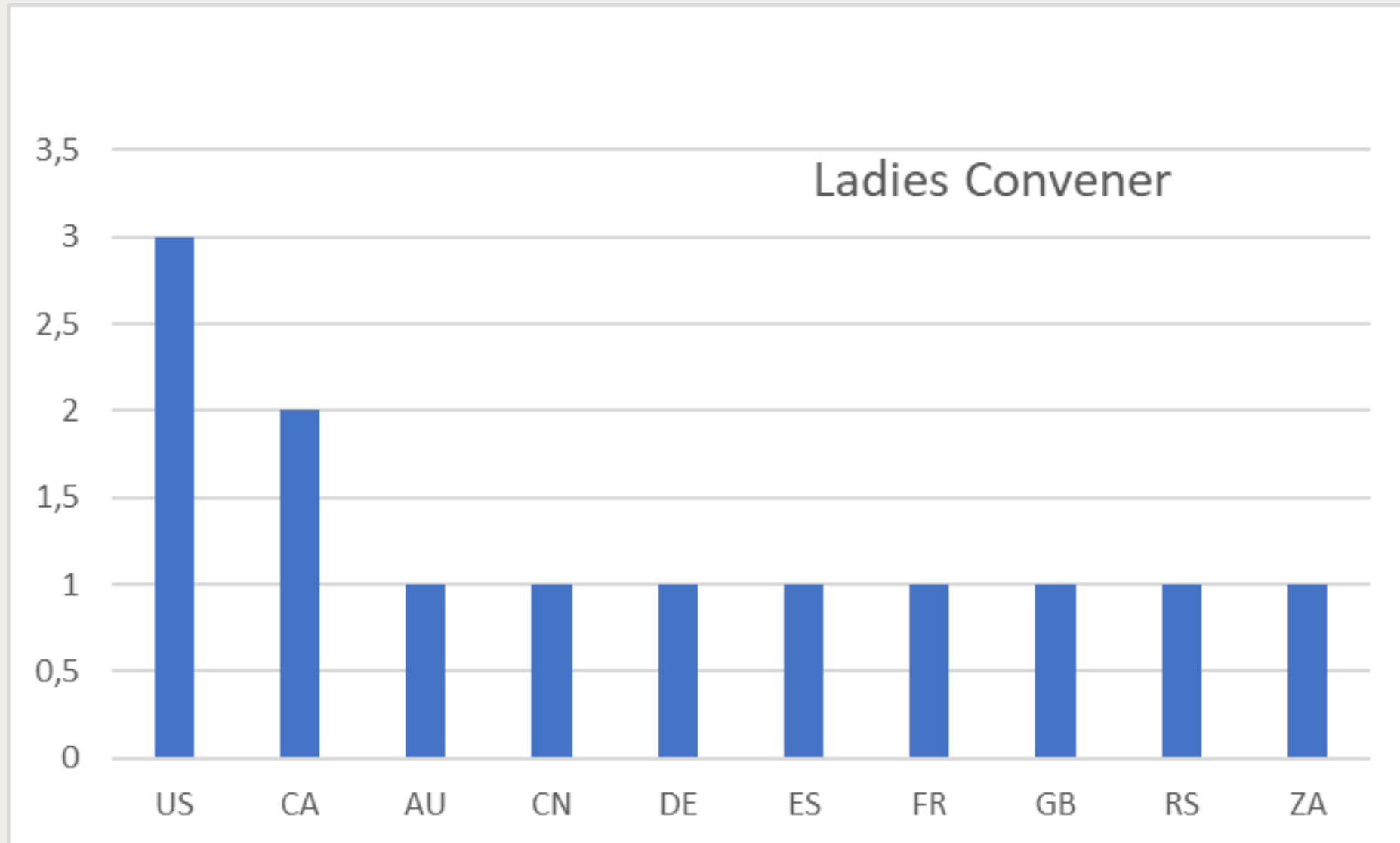
# Working Group young experts per country



# Working Group women experts per country



# Working Group women conveners per country



## Awards & Recognition Committee

1. Beth LaRose – Chair - GE Vernova
2. James Berger – Power Engineers, Inc.
3. Clark Gellings – Consultant
4. Mike Heyeck – Consultant
5. Jessica Lau – Xcel Energy
6. Keith Lindsey – Lindsey Mfg. Co.
7. John McDonald – JDM Associates, LLC
8. Rana Mukerji – New York ISO
9. Logan Rolles – Burns & McDonnell
10. Chris Root – Quanta Technology
11. B. Don Russell – Texas A&M University





USNC

Attwood Associate Award - 2024



## – Citation –

“To honor the contributions and memory of Frederic Attwood of the USA, who, with J. Tribot Laspiere of France, foresaw the need for an international organization in the field of power engineering and who became the first Chairman of the U.S. National Committee upon the founding of CIGRE in the year 1921.”

USNC

Attwood Associate Award – 2024

**Christopher Mertz**, Candela Renewables



USNC

Attwood Associate Award – 2024

**Christopher Mertz**, Candela Renewables

**Dr. Luke van der Zel**, EPRI



USNC

Attwood Associate Award – 2024

**Christopher Mertz**, Candela Renewables

**Dr. Luke van der Zel**, EPRI

**Todd Ramey**, Midcontinent Independent System Operator (MISO)



USNC

Attwood Associate Award – 2024

**Christopher Mertz**, Candela Renewables

**Dr. Luke van der Zel**, EPRI

**Todd Ramey**, Midcontinent Independent System Operator (MISO)

**Hugh Zhu**, Consultant



USNC

Attwood Associate Award – 2024

**Christopher Mertz**, Candela Renewables

**Dr. Luke van der Zel**, EPRI

**Todd Ramey**, Midcontinent Independent System Operator (MISO)

**Hugh Zhu**, Consultant

**Albert Livshitz**, Qualus Power Services



USNC

Dale Douglass Award for Technical Achievement - 2024



## – Citation –

“For leadership and participation in CIGRE technical activities internationally at the Study Committee or Working Group levels aspiring to the level of dedication exhibited by Dale Douglass.”

USNC

Dale Douglass Award for Technical Achievement – 2024

**Dr. Chen-Ching Lui, Virginia Tech**





USNC  
Philip Sporn Award — 2024



– Citation –

“For career contributions advancing electric power systems in theory, design and/or operation for the benefit of society in the United States, and for aspiring to Philip Sporn’s “Locus of Discontent” approach; i.e., always challenging the status quo to advance technology for the betterment of society.”

USNC  
Philip Sporn Award – 2024



**John McDonald, P.E., JDM Associates, LLC**

USNC

Philip Sporn Award – 2024



John McDonald, P.E., JDM Associates, LLC

**Nenad Uzelac, G&W Electric Company**

USNC

## Outstanding Collective Member Award — 2024



“For outstanding leadership and continuing managerial, technical, and financial support of the activities of the U.S. National Committee and CIGRE over an extended period of time.”

USNC

Outstanding Collective Member Award — 2024



**MITSUBISHI  
ELECTRIC**

---

**MITSUBISHI ELECTRIC  
POWER PRODUCTS, INC.**



USNC

Virginia Sulzberger Service Award - 2024



“For notable volunteer contributions to CIGRE USNC. This award is named in honor of the contributions of Virginia Sulzberger who actively served as USNC Secretary-Treasurer from 2000 to 2008 and was recognized with the CIGRE Distinguished Member Award in 2006.”

USNC  
Virginia Sulzberger Service Award - 2024

**Marianna Vaiman, V&R Energy**



# CIGRE USNC Distinguished Members - 2024



“Distinguished Member” title is granted to long-standing members who have contributed to the work and development of CIGRE



CIGRE  
USNC Distinguished Members - 2024

**Earle C. “Rusty” Bascom**, Electrical Consulting  
Engineers, P.C.



CIGRE  
USNC Distinguished Members - 2024

**Earle C. “Rusty” Bascom**, Electrical Consulting  
Engineers, P.C.

**Amanda Olson**, Burns & McDonnell



CIGRE  
USNC Distinguished Members - 2024

**Earle C. “Rusty” Bascom**, Electrical Consulting  
Engineers, P.C.

**Amanda Olson**, Burns & McDonnell

**Rana Mukerji**, New York Independent System Operator  
(NYISO)



# 2024 Nominations & Appointments Committee

1. Damir Novosel (Quanta Technology) - Chair
2. Yilu Liu (University of Tennessee) - Member
3. Rana Mukerji (NYISO) - Member
4. John Paserba (Southern States) - Member



# USNC Officers and Terms Ending

1. Chris Root (Quanta Technology) – President - 2025
2. President Elect 2025 – **to be approved at the July 23<sup>rd</sup> meeting**
3. David Roop (DWR Associates LLC) – Immediate Past President – 2025
4. **Mike Heyeck (Grid Group LLC) – USNC Administrative Council Rep & CIGRE Steering Committee, CIGRE International Finance (Treasurer) - 2026**
5. Don Russell (TAMU) – Secretary, VP Administration – Secretariat - 2025
6. Stewart Ramsey - VP, Treasurer - 2026
7. John McDonald (GE Grid Solutions) – VP Technical Activities - 2025
8. Beth LaRose (GE Power) – VP Awards & Recognition - 2025
9. Damir Novosel (Quanta Technology) – VP Nominations - 2026
10. Jessica Lau (Excel Energy) – Women In Energy (WIE) - 2026
11. James Berger (Power Engineers) - Next Generation Network (NGN) - 2025



# N&A Committee Status

## N&A Committee meeting – June 28, 2024

- Reviewed President-Elect roles & responsibilities and preferred metrics
- Reviewed President-Elect candidates, 2025
- Process for identifying VP Technical Activities-Elect, 2025
- Process for identifying 2026 candidates: Secretary, VP Awards & Recognition, and Next Generation Network

## CIGRE USNC President-Elect

- N&A recommendation – Matt Gardner, VP Transmission, Dominion Energy
- Approved by the USNC ExCom – July 8, 2024
- Approval by the USNC National Committee – July 23, 2024

**Appoint new N&A Committee member** to replace John Paserba –  
by July 23, 2024



# President-Elect Roles & Responsibility, and Preferred Metrics

## Roles & Responsibilities

- Shadow President to learn the role
- Learn the CIGRE process
- Engage in acquiring sponsorship for events and soliciting new members
- Help President with expanding membership diversity

## Preferred Metrics

- Electrical utility executive, active and recognized in the industry
- Successful track record in various CIGRE engagements
- Experience in promoting engineering profession



# Executive Committee Members at Large - Term Ending 2025



Ram Adapa (Electric Power Research Institute)	Mark McGranaghan (Electric Power Research Institute)
Hala Ballouz (Electric Power Engineers)	Alfonso Mugueta (Avangrid Service Company)
Robert Carritte (MPR Associates, Inc.)	Rana Mukerji (New York Independent System Operator, Inc.)
Rich Collins (Commonwealth Associates, Inc.)	Sean Murphy (PingThings, Inc.)
Adrienne Collins (Southern Company Services, Inc.)	Adam Niemuth (American Transmission Company)
Michael Ennis (S&C Electric Company)	Damir Novosel (Quanta Technology)
Asim Fazlagic (Eversource Energy)	Robert O'Connell (University of Missouri)
Mike Heyeck	Simon Odie (ConEdison)
Qihua Huang (Colorado School of Mines)	Michael Putt (Florida Power & Light)
Doug Jones (Power Engineers)	David W. Roop (DWR Associates, LLC)
Adam Keech (PJM Interconnection, LLC)	B. Don Russell (Texas A&M University)
Michael Levi (KoudGin)	Richard Shaheen (Bonneville Power Administration)
Arron Lewis (Black & Veatch Corporation)	Veselin Skendzic (Schweitzer Engineering Laboratories)
Keith Lindsey (Lindsey Systems)	Shaun Vacher (National Grid)
Chen-Ching Liu (Virginia Tech)	Pablo Vegas (Electric Reliability Council of Texas)



# Executive Committee Members at Large - Term Ending 2026



Joey Alexander (Ampacimon, Inc.)	Yilu Liu (University of Tennessee and Oak Ridge Lab)
Khalid Al-Olimat (Ohio Northern University)	Cheryl Maletich (ComEd)
James Amato (Burns & McDonnell)	William Mao (Power Systems Consultants, Inc.)
Shay Bahramirad (Pacific Gas & Electric Company)	John D. McDonald (JDM Associates, LLC)
James Berger	Dana McLaughlin (DNV Energy)
Neil Bhagat (Duke Energy)	Shinjini Menon (Southern California Edison)
Eric Bosze (CTC Global Corporation)	Efrain O'Neill-Carrillo (University of Puerto Rico-Mayaguez)
Robert Bradish (American Electric Power)	Amanda Olson
Derek Brown (OMICRON)	John Paserba (Southern States, LLC)
Tom Dunn (Velco)	Rama Ramakumar (Oklahoma State University)
Jonah H. Enslin (Clemson University)	Stewart Ramsay (Vanry + Associates)
Tom Eyford (Oracle Utilities)	Gregory Reed (University of Pittsburgh)
Thomas Foley (Sargent & Lundy)	David E. Roop (Mitsubishi Electric Power Products, Inc.)
Susan Ginsburg (Criticality Sciences, Inc.)	Raymond Shieh (Moxa, Inc.)
Ian Grant (Tennessee Valley Authority)	Diana Trojan (Hico America Sales & Technology)
Bryan Gwyn (Doble Engineering)	Nenad Uzelac (G&W Electric)
Gordie Halt (ITC)	Marianna Vaiman (V&R Energy)
Travis Heintzelman (Burns & McDonnell)	Gordon van Welie (ISO New England, Inc.)
Mike Lamb (Dominion Energy Virginia)	Brad Williams (Oracle Utilities)
Matthieu Landais (Epsilon Americas)	Longya Xu (Ohio State University)
Elizabeth LaRose (GE Vernova's Grid Solutions Business)	Sabrina Zekis (ENTrust Solutions)
Jessica Lau (Xcel Energy)	<b>Awaiting contact person (LUMA)</b>

# USNC – 2023 Finances

- **Revenues:**

– Individual Memberships	\$125,552.95
– Collective Memberships	\$172,750.00
– Corporate Sponsorships	\$131,500.00
Grid of the Future and 2024 Paris Session	
– Conference Income	\$113,100.00
GOTF registration	

---

**\$542,902.95**

- **Expenses:**

– Dues to Paris Office	\$148,754.57
– Administration/Operations	\$158,554.58
– Conference Expenditures	\$233,841.36
– Travel	\$13,180.76
– Marketing	\$19,768.03

---

**\$574,099.30**

# USNC – Financial Summary – 2023

(audited and closed)

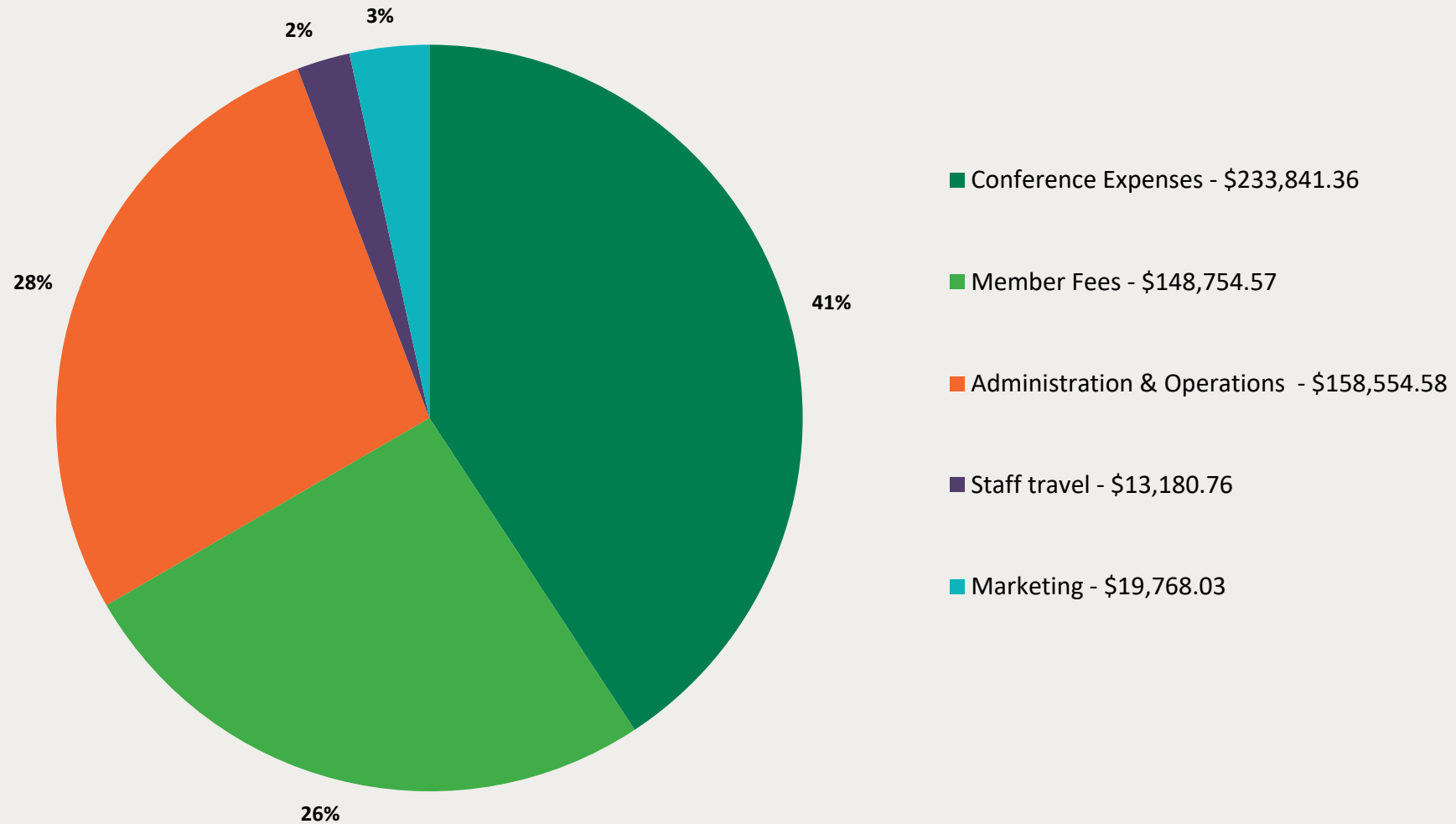
	<u>Budget</u>	<u>Actual</u>
Revenues	\$ 584,775.00	\$ 542,902.95
Expenses	\$ 584,667.30	\$ 574,099.30
Net Income	\$ 107.70	\$ -31,196.35

Investments:

Certificates of Deposit: \$ 506,745.70



# 2023 Expense Breakdown



# USNC Membership



	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024*</u>
<b>Individual</b>	839	943	946	1,026	1,196	1,043
<b>Collective</b>	53	49	54	49	64	70
Principal	(24)	(24)	(23)	(29)	(27)	(23)
Sustaining	(10)	(9)	(10)	(13)	(14)	(16)
Patron	(6)	(6)	(8)	(7)	(12)	(17)
Educational	(13)	(10)	(13)	(16)	(11)	(14)

\* 2024 Data as of July 18, 2024

# Collective – Members 2024 (to date)



## Patron Members (17)

AEP Service Corporation

Commonwealth Edison

Duke Energy

Florida Power & Light

ITC

Midcontinent ISO

PG&E

Quanta Services

Tennessee Valley Authority

Avangrid Service Company

Dominion Energy

EPRI

GE Vernova

LUMA Energy

Oracle Utilities

POWER Engineers, Inc.

Sargent & Lundy

## Sustaining Members (16)

Burns & McDonnell

ConEdison

Doble Engineering

ENTrust Solutions

G&W Electric

Lindsey Systems

National Grid USA

S&C Electric Co.

Commonwealth Associates, Inc.

DNV Energy USA, Inc.

Electric Reliability Council of Texas (ERCOT)

Eversource Energy

ISO New England, Inc.

Mitsubishi Electric Power Products, Inc.

New York ISO

Southern States LLC

# Collective – Members 2024 (to date)



## Principal Members (23)

American Transmission Co. (ATC)

Black & Veatch

Criticality Sciences, Inc.

Electric Power Engineers

HICO America Sales & Technology, Inc.

Moxa, Inc.

OMICRON electronics

PJM Interconnections

PSEG

Southern California Edison

V&R Energy Systems

VELCO

Ampacimon, Inc.

Bonneville Power Administration

CTC Global

Epsilon Americas

KloudGin

MPR Associates, Inc.

PingThings

Power Systems Consultants

Schweitzer Engineering Laboratories

Southern Company

Vanry + Associates

# 2024 - Educational Members (14)



Clemson University (sponsored by Dominion)

Colorado School of Mines (sponsored by V&R Energy)

George Mason University (sponsored by Dominion)

Kansas State University (sponsored by Burns & McDonnell)

Ohio State University (sponsored by AEP)

Oklahoma State University (sponsored by AEP)

Texas A&M University (Sponsored by USNC Cigre)

University of Illinois – Urbana Champaign (Sponsored by S&C)

University of Missouri (sponsored by Burns & McDonnell)

University of Pittsburgh (sponsored by Dominion)

University of Puerto Rico-Mayaguez (sponsored by AEP)

University of Tennessee (sponsored by Dominion)

University of Utah (sponsored by V&R Energy)

Virginia Tech (sponsored by Dominion)



# 2024 USNC Annual Members Meeting: *Marketing Update*

Marianna Vaiman, VP Marketing

July 23, 2024

# Our Focus



- **Increasing the number of Collective Members**
  - **Currently, 70!**
  - Created an organization to support the growth and maintain communication with Collective Members
- **Social media outreach**
- **Grid of the Future Symposium participation and sponsorship**

# Welcome to the Team!



- To support growing number of Collective Members and University Members, two positions were created, reporting to VP Marketing:

## Collective Members Coordinator



**Wayne Bishop**

Vice President of Industry Outreach and Strategy at  
Quanta Technology

## University Members Coordinator



**Qiu Hua Huang**

Associate Professor in the Electrical Engineering  
Department at Colorado School of Mines

# Collective Membership Strategy



- Short-term: Online support for Collective member
  - Update USNC website with new contents to support Collective Members, such as how to add members to eCigre
  - Develop marketing materials to explain benefits of collective membership
- Long-term:
  - Work with Collective Members to have a continuity plan; backup person
  - Increase membership
  - Facilitate more universities to join
- Two major tasks:
  - Sustain membership
    - Indicate benefits of collective membership (website, brochure, etc.)
    - Create student events, support university CIGRE members; joint events w/IEEE PES; student ambassadors
  - Grow membership

# Outreach Activities - Social Media



- Social Media - LinkedIn
  - Post on upcoming in-person events, webinars, awards, etc.
  - Coordinate posting with NGN
- ~32% increase in the followers in the last year

The screenshot displays the LinkedIn Analytics page for CIGRE USNC. The profile picture shows the CIGRE logo (a green globe with a lightning bolt) and the text 'CIGRE USNC' with '1,946 followers'. The 'Analytics' section is active, with tabs for Content, Visitors, Followers, Leads, Competitors, and Employee advocacy. The 'Followers' tab is selected, showing a date range of 'Mar 15, 2023 - Mar 13, 2024'. Under 'Follower highlights', the total number of followers is 1,946, and a callout box highlights '530 New followers in the last 365 days'.

Metric	Value
Total followers	1,946
New followers in the last 365 days	530

# Other Outreach Activities



- **NEW!** Interviews during Grid of the Future Symposium
  - Started in 2023
  - Will have another round of interviews this year
- Table at IEEE PES GM, Seattle, WA, July 21–25, 2024
- CIGRE 2024 Paris Session in August 25–30, 2024
- **Current Focus:** 2024 Grid of the Future Symposium, Raleigh, NC on November 11–14, 2024

# See You in Raleigh!



<https://cigre-usnc.org>

- **Sponsorship Opportunities are Now Open for the Grid of the Future Symposium**
- Please check <https://cigre-usnc.org/future-meetings/grid-of-the-future-2024/>

# Thank You!



- Special Thank You goes to the amazing CIGRE USNC staff, supporting marketing and outreach activities:
  - **Sharon Loe**
  - **Jessica Meadors**
  - **Shelby Bruffett**





# Women in Energy (WIE)

Involvement & Opportunities



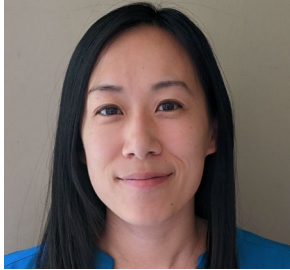
# Our Purpose

Women in Energy (WiE) Aims to:

- Increase participation, contributions, and leadership from women in working groups
- Ensure the interests of women are represented within U.S. CIGRE, both for their own benefit and for future sustainability of CIGRE
- Provide opportunities for personal, professional, and technical development



# The Women in Energy Team



Jessica Lau

Chair  
Xcel Energy



Mallory Mannoni

Vice-Chair  
1898 & Co.



Maigha Fnu

Secretary  
Commonwealth Edison



Mandy Olson

Chair Emeritus  
Burns and McDonnell



Kate Graves

Events  
Quanta Technology



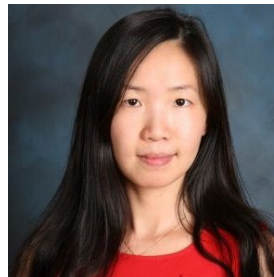
Katherine Inge

Professional Development  
MPR Associates, Inc.



Beth LaRose

Advisor  
GE Power



Jun Wen

WiE Net Zero Initiative  
Southern California Edison



**Monday,  
October 9<sup>th</sup>**  
**6:30 – 7:30 PM**  
**Girl Scouts  
STEM  
Discussion &  
Activity**

**Tuesday,  
October 10<sup>th</sup>**  
**7:00 – 7:45 AM**  
**WiE Breakfast**  
**6:30 PM**  
**WiE  
Networking  
Reception**

**Wednesday,  
October 11<sup>th</sup>**  
**1:00 - 2:00 PM**  
**Panel Session  
– T&D  
Interconnection  
in the Future  
Grid**

# What You Can Do

Support women in your organizations by nominating them for US WiE Executive Committee Involvement!

---

We're looking for:

- New and experienced professionals to join the Executive Committee
- Speakers for future webinars and in-person events
- STEM outreach volunteers and sponsors

Pass along my contact information or send us theirs!



Jessica Lau

US WiE Chair  
Xcel Energy



[Jessica.K.Lau@xcelenergy.com](mailto:Jessica.K.Lau@xcelenergy.com)

# Cigre USNC NGN

23<sup>rd</sup> July 2024



**cigre**

For power system expertise

# 01. The Team



**cigre**

For power system expertise

# NGN Team in the US



Jodie Lupton  
Paper Competition  
Co-Chair  
Social Media  
Co-Chair



Mike Hanestad  
Social Media  
Co-Chair



James Berger  
NGN Executive Committee  
Chair  
Paper Competition  
Co-Chair



Kristine Engel  
International Collaboration  
Co-Chair



Brian Obermeier  
International Collaboration  
Co-Chair



Nicholas Skoff  
Webinar Co-Chair



Genesis Alvarez  
Webinar Co-Chair



Logan Rolles  
Events Chair  
Committee Chair Elect



Navin Shenoy  
Membership and Marketing  
Chair



Maigha  
Webinar Co-Chair



Andres Laso  
Webinar Co-Chair



## 02. Projects and Progress



**cigre**

For power system expertise

# Mentorship Program

- 2024 Next Generation Network (NGN) and Women in Energy (WiE) Mentoring Program is underway
- Goal of connecting Young Professionals and Women in Energy with technical and career mentorship
- Total of 22 mentor/ mentee participants
- Interest from the international community in mentorship programs



Women  
in Energy



Next Generation  
Network



# Webinars



- **Previous Initiatives Update:**
  - **Using emails and LinkedIn platform to publicize webinars**
  - **Previous webinars and upcoming webinar announcements posted on NGN page on USNC website**
  - **Webinar frequency increased to almost monthly**
- **Upcoming Initiatives:**
  - **Working to partner with WiE on a couple webinars a year to help bring attention to both groups and capture crossover audience**

# Social Media

- Continuing efforts to raise awareness of CIGRE in the US through social media and online engagement
- Partnered with USNC LinkedIn page to release more NGN content and notifications of upcoming events
- Increased activity from both the USNC and the NGN in the past year has led to 511 new page followers (~33% increase)!
- Posting webinar recordings to YouTube and linking to the USNC website
- Working with NGN committee to keep NGN webpage updated and supply new content



# Events

## Timeline – Important Dates



- Grid of the Future (GOTF) – November 11-14 in Raleigh
  - **NGN Paper Competition**
    - 28 Synopses submitted!
    - Top 5 submissions will have the opportunity to present at the GOTF conference
    - Winner gets a stipend to the 2026 Paris Session
  - **NGN Breakfast**
    - Young professionals will have the opportunity to hear from and talk to professionals from the host company about career development
  - **NGN/WiE Mentorship Program Event**
    - The NGN/WiE Mentorship Program will be hosting their first ever in person meet up at the GOTF conference
  - **NGN Dinner Event**
    - Young professionals in attendance at GOTF will have the opportunity to get together for an evening of food, drinks, and networking



# CIGRE International Update for USNC Michael Heyeck, CIGRE VP Finance (Treasurer)



**cigre**

For power system expertise

2017-2023 Progress Promising 2024-2030 Results

Comms channels and websites

cigre.org



Marketing resources site



2018

New Positioning

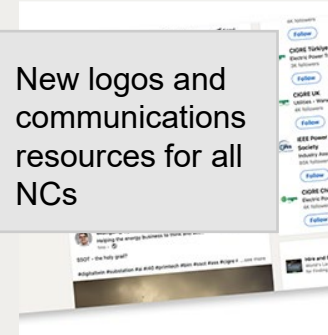


Email newsletters



Gateway to the world of CIGRE

Social channels



New logos and communications resources for all NCs

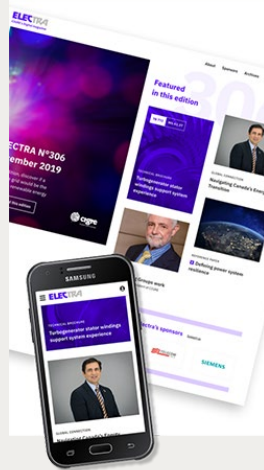
2019

End to End Scope



For power system expertise

ELECTRA



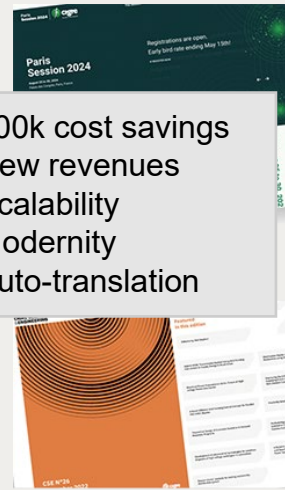
2020

Digital Relevance Strategy

eSession



session.cigre.org



300k cost savings  
New revenues  
Scalability  
Modernity  
Auto-translation

join.cigre.org



2021

Responding to Covid

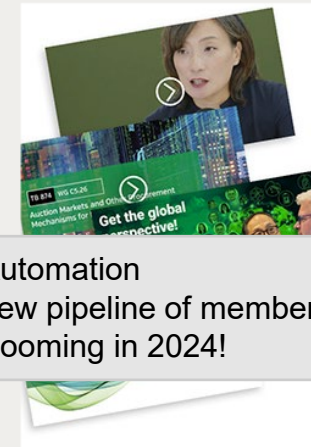
VCS



Post Covid Session

World class UX  
Enhanced SEO  
New CM user mng  
New revenues  
New data capture

Active promotions



Automation  
new pipeline of members  
Booming in 2024!

2022

eCIGRE 2.0 phase 1



Enhanced membership communications



Member Retention

2023

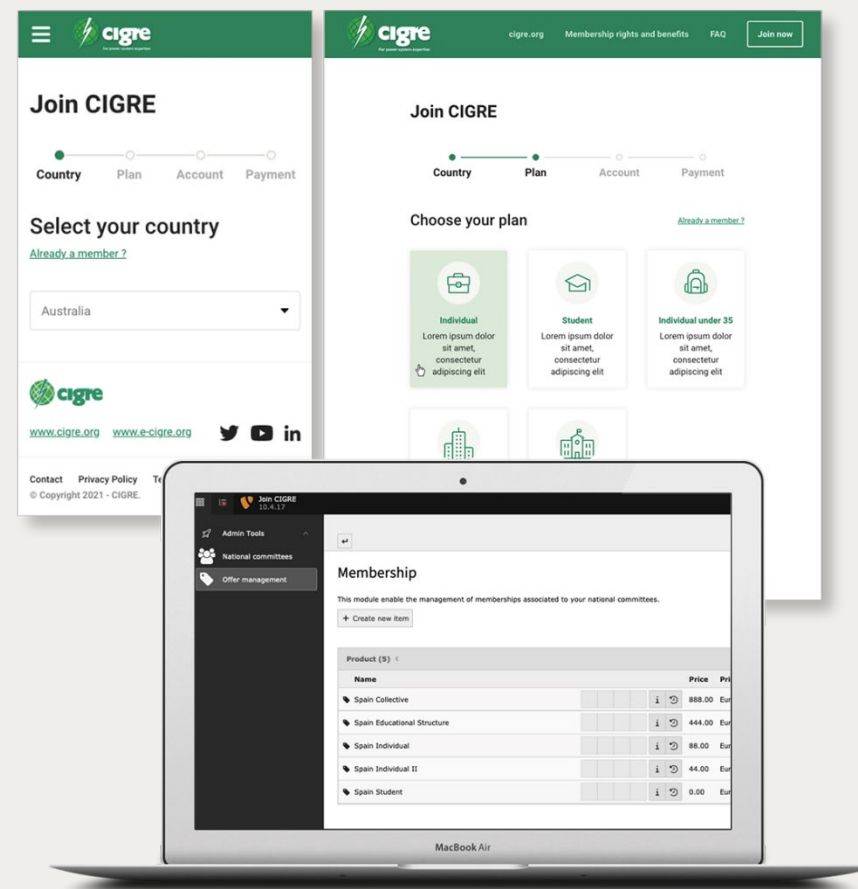
Energy Transition



Brand

## Membership Growth Improving!

- Automated Gateway >> join.CIGRE.org
- Pipeline from CIGRE.org, eCIGRE, ELECTRA, LinkedIn and more
- Renewal Option coming for less attrition and the “I forgot” crowd
- Improve “Student Loss” by
  - Free Student Memberships extended to year after graduation (< 35 on Jan 1)
  - Young Professional Rate (50%) extended from 2 years to 3 years (< 35 on Jan 1)

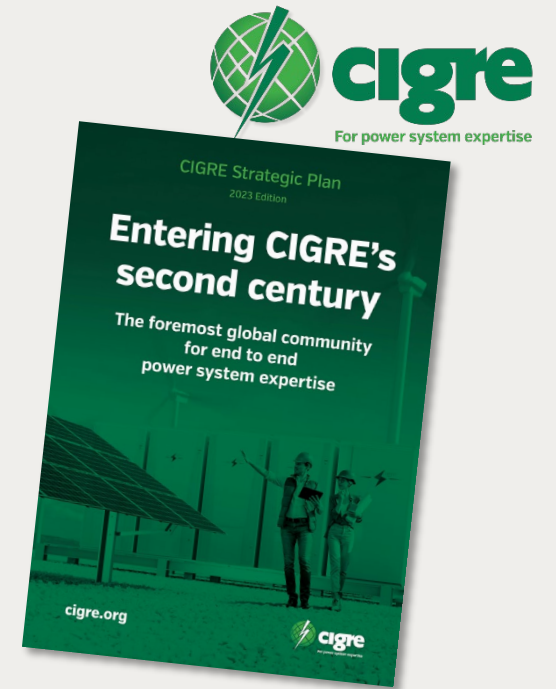




## Key strategic plan inputs

**Grow to 30000 - 35000 members by 2030 (5-7%)**

1. Ensure sustainability in a challenging world
2. Increase in SC / WG participation reflecting new scale
3. Membership & Session Fees inflation adjusted only
4. Increase diverse expertise for our E2E technical work
  - Improve age and gender mix
  - Add New Entrants for **Energy Transition**
  - Span **E2E** Grid to Grid Edge
  - Expand **Geographic** representation in **Asia** and **Africa**



# Summary: Key Strategic Advancements



Data and CRM



TB Digitisation



Connection to energy transition



Reach beyond traditional audiences

Technology & processes

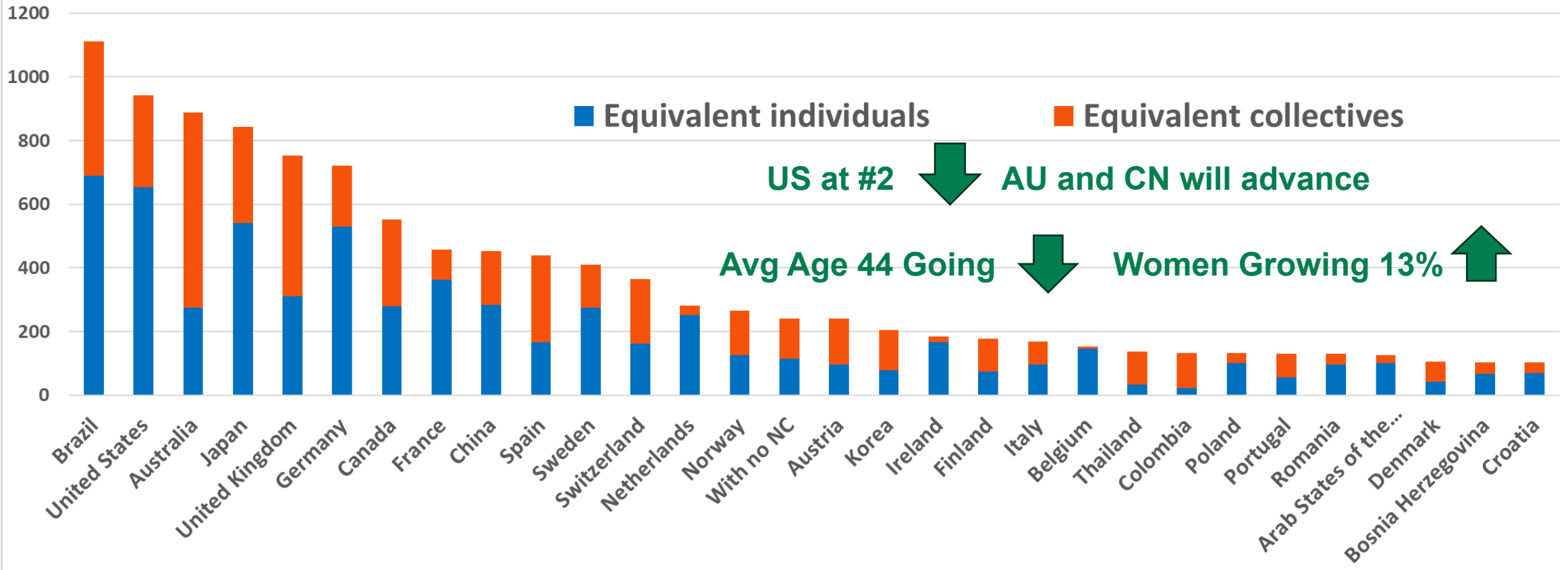
Brand & channels

## eCIGRE 2.0 – Our Search Engine Advances 2023-2024

# Membership – 2024 @ May 25



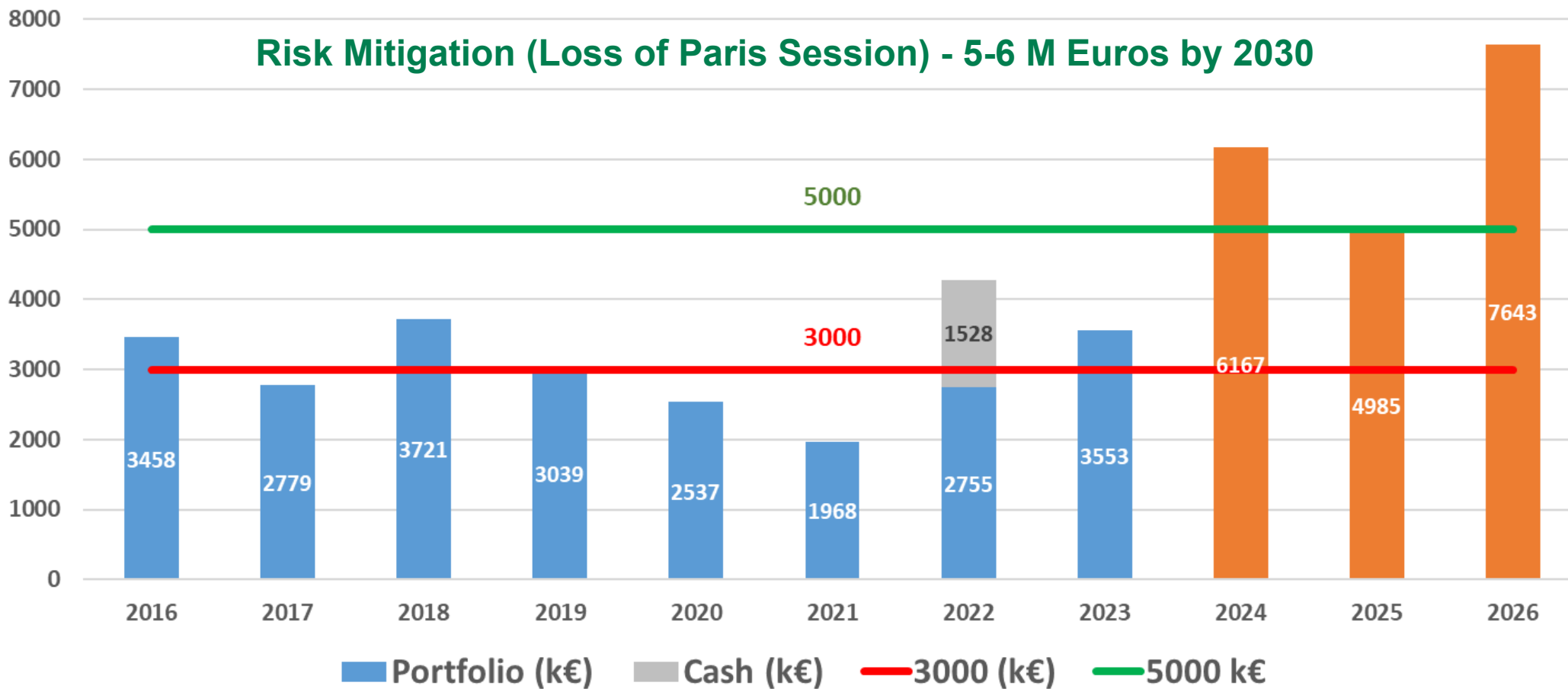
2024 National Committees ranking by equivalent membership (1st half)



# CIGRE cash reserves

## CIGRE cash reserves 2016 - 2026

**Risk Mitigation (Loss of Paris Session) - 5-6 M Euros by 2030**



# 2024 Paris Session Exceeding Expectations Nearly 1200 Papers; 4500 Delegates Expected



**cigre**

For power system expertise

# Future CIGRE and USNC Meetings



## Paris Session 2024

August 25 to 30, 2024

Palais des Congrès, Paris, France



QUANTA  
TECHNOLOGY