

US National Committee 2023 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.	Administrative VP Report	D. Russell
7.	Marketing	M. Vaiman
8.	Women in Energy	J. Lau
9.	Next Generation Network	J. Berger
10.	International Update	M. Heyeck
11.	Future CIGRE and USNC Meetings	C. Root
12.	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



President's Update

- Added 5 new Collective Members
- 4 new universities were sponsored
- GOTF 2022 was a record breaker with over 400 attendees
- Individual Membership is increasing and No.1 in World
- Paris Meeting will be in 2024
- Speaker, Michael Pesin from DOE to speak at the ExCom Meeting
- Focus is on increasing Utility Collective Membership
- GOTF 2023 Planning for Kansas City in October ongoing, Burns and McDonnell, Host
- Sponsorships are still available for GOTF, papers still being accepted but there is a limit of 100.



Technical Activities Committee

- USNC Regular Members and Regular Additional Members to CIGRE Study Committees & Appointment Dates
- USNC Synopses Selection Process for Paris Session
- GOTF Paper Submission and Evaluation
- Working Groups/Task Forces Member Selection Process
- 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 Grid Solutions) – 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 (Nexant) – 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

2022 Synopses Selection Process for Paris Session

1. 80 Synopses Received and Forwarded to USNC Study Committee Reps for their Advisory Committee Review (75 Received 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. 80 Synopses Submitted to Paris (75 Synopses Accepted for 2022) – 10 Synopses from Commonwealth Edison Company!
4. Historical Acceptance Rate: 75/80 (94%) Accepted for 2022; 57/60 (95%) for 2020, 27/30 (90%) for 2018, 93% for 2016, 87% for 2014, 83% for 2012

CIGRE USNC 2022 Grid of the Future (GOTF) Paper Process

- GOTF History: Pilot 2011; Every Year (except 2020) Since 2012
- Call For Papers
 - Theme: Technology for the 21st Century Electric Utility
- No Abstract Step – Full Papers Only – Submitted by August 15, 2022
- Use Paper Preparation Template
- Papers Reviewed in August
- Reviewer's Comments Incorporated in September
- 116 Papers Accepted and Presented - Covering 13 Study Committees (34% in SC C6) - 18 Papers from Commonwealth Edison Company Covering 5 Study Committees!
- 29 Paper Sessions Created for 2022 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)

CIGRE USNC 2022 Grid of the Future (GOTF) Symposium

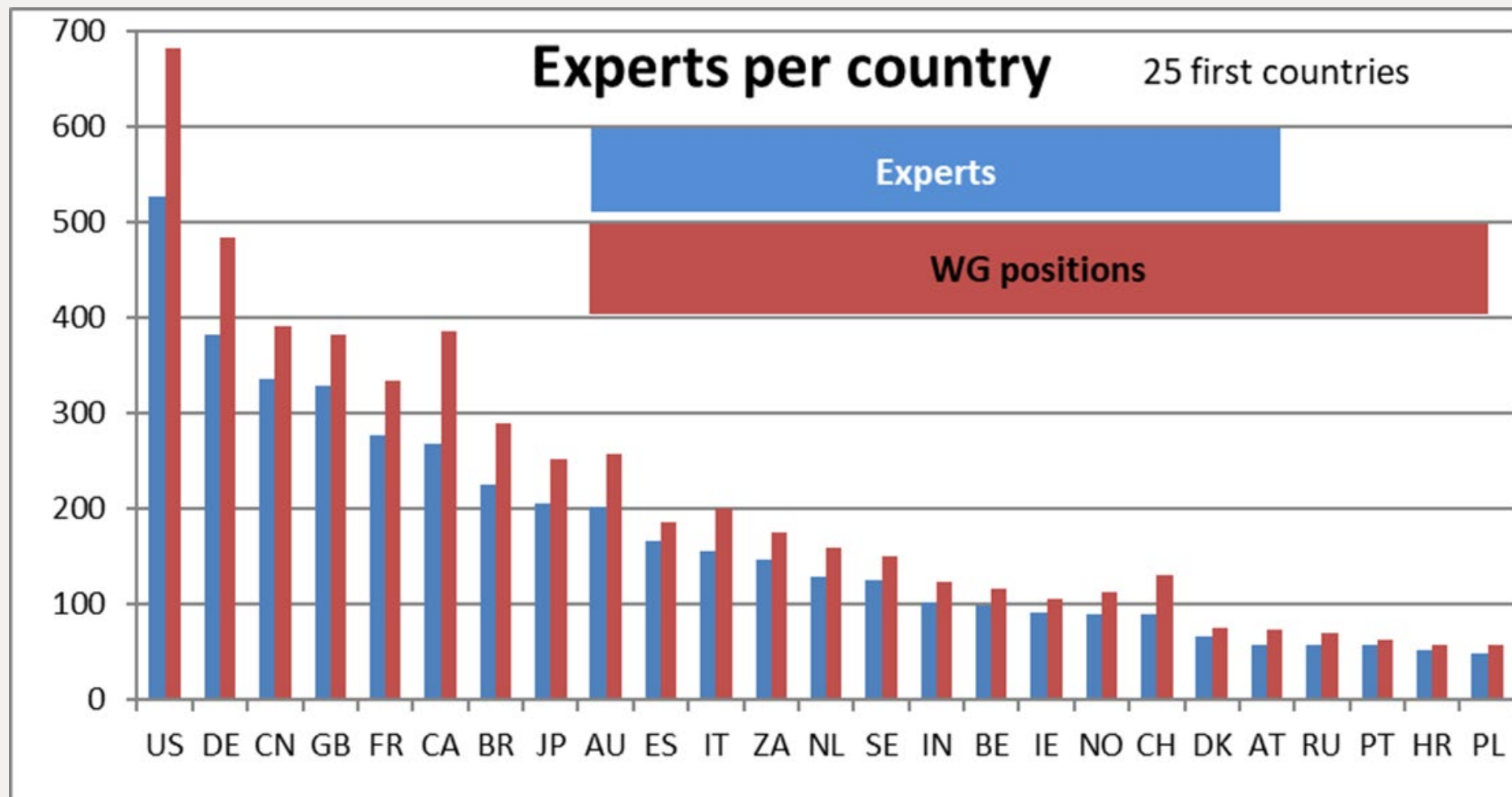


- More than 400 Attendees in Chicago Hosted by Commonwealth Edison Company (ComEd)
- Registrants from 11 Countries and 33 U.S. States
- 20 Corporate Sponsors
- 18% of Attendees were Women
- Four Panel Sessions on Key Industry Topics
- NGN Paper Competition – Five Finalist Papers Presented
- WiE Breakfast with Two ComEd Managers Discussing Career Experience
- NGN Breakfast with Two ComEd Managers Discussing Career Experience
- NGN-Sponsored Dinner with Mandy Olson Discussing Career Experience
- Philippe Adam Gave Update on CIGRE Activities and Strategic Plans
- NGN Tutorial on Transformers
- Technical Tours
- ComEd-sponsored dinner on 99th Floor of Willis Tower

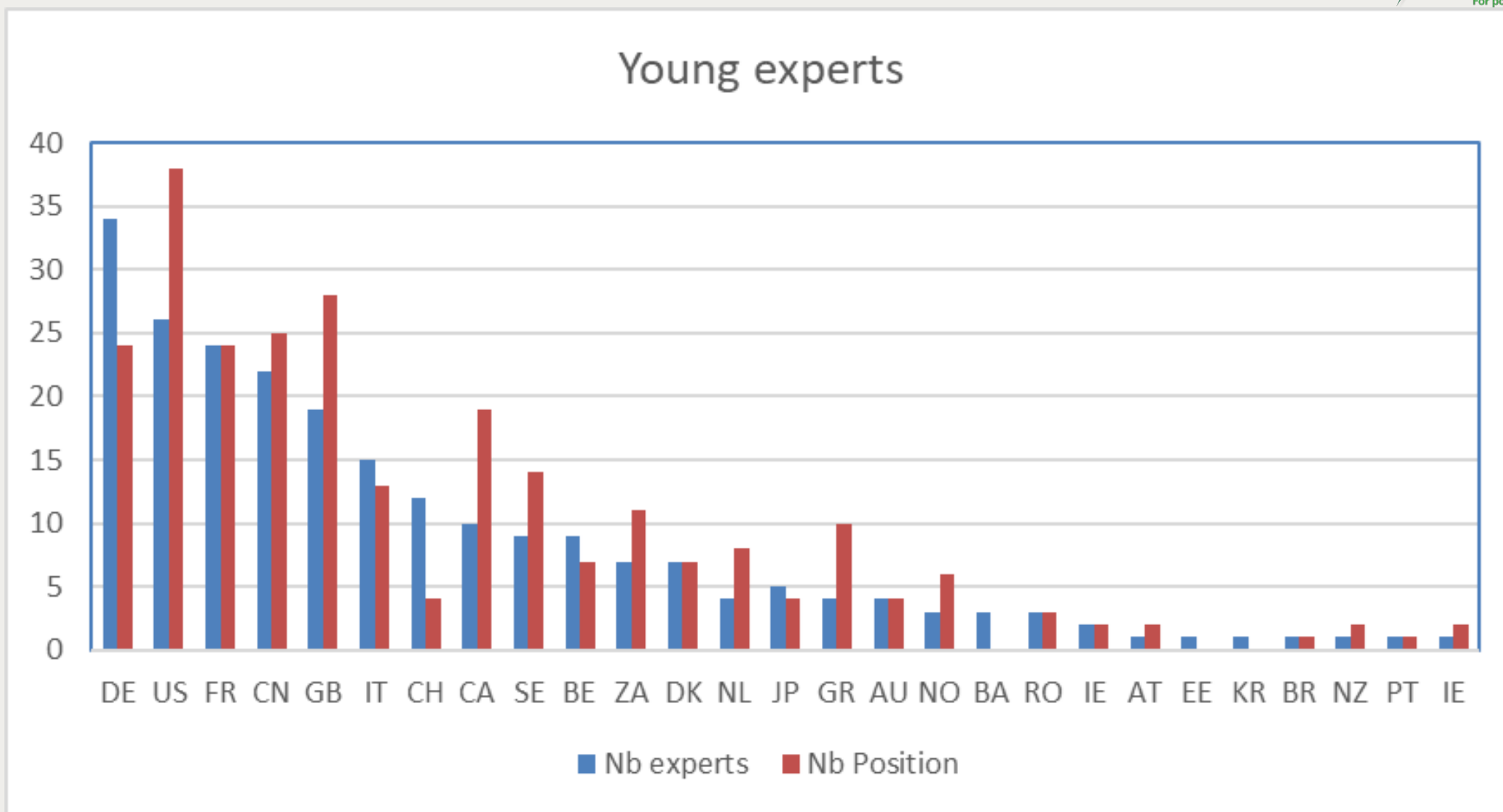
Working Groups/Task Forces Member Selection Process

- 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

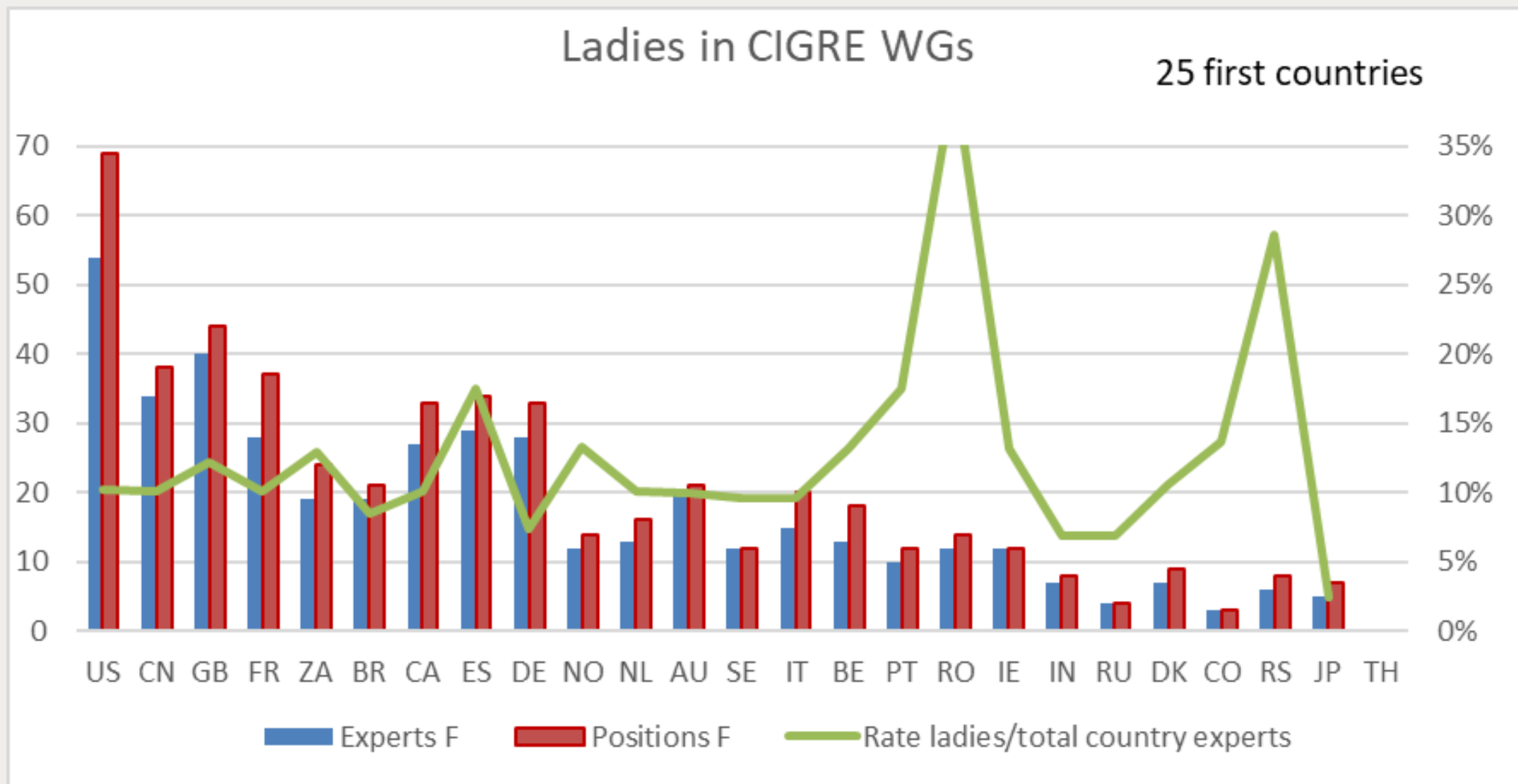
Working Group experts and positions per country



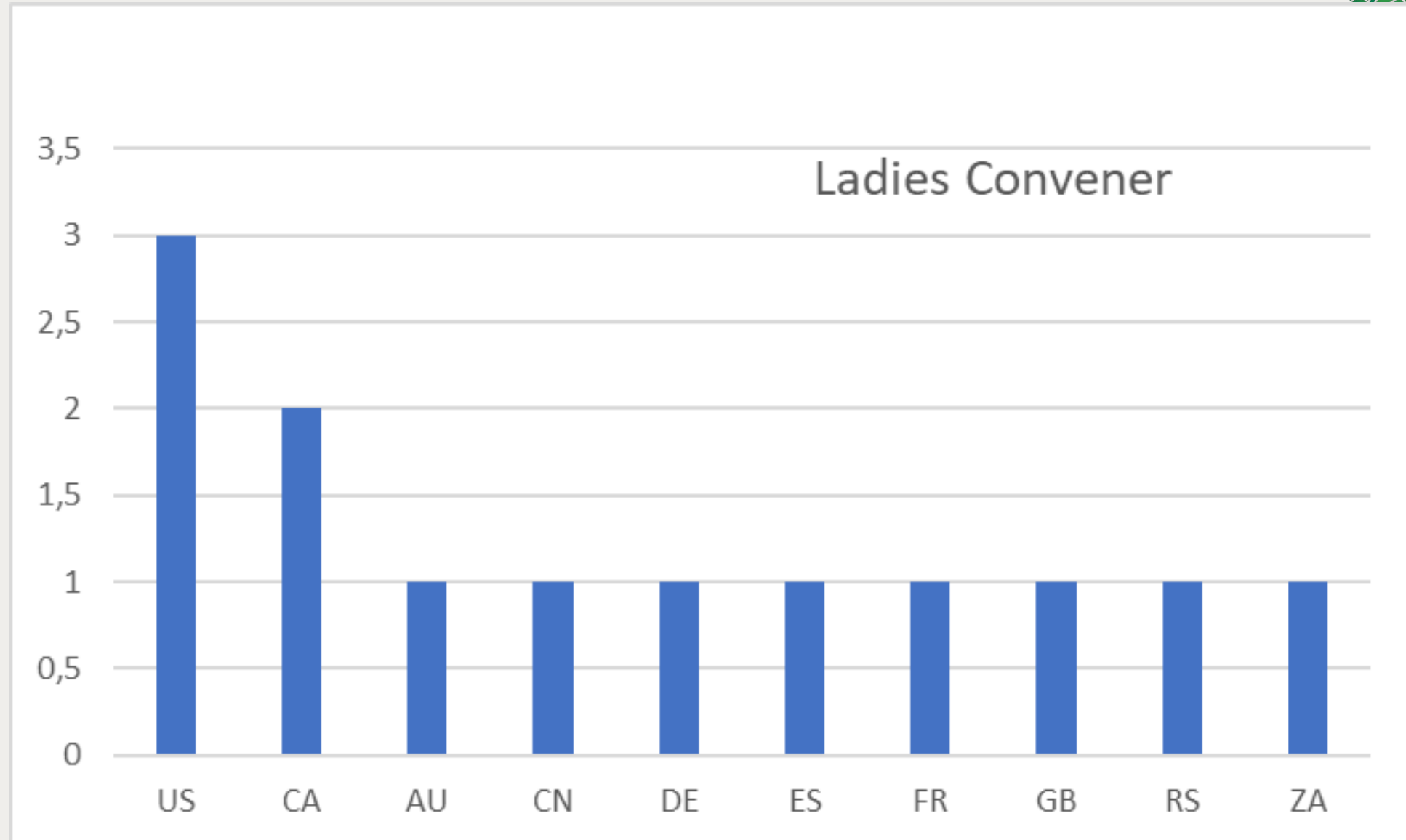
Working Group young experts per country



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 – GE Grid Solutions
8. Rana Mukerji – New York ISO
9. Chris Root – Consultant
10. B. Don Russell – Texas A&M University



USNC

Attwood Associate Award - 2023



– 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 – 2023

Earle C. (Rusty) Bascom III, Electrical Consulting Engineers (P.C.)

Robert Bradish, American Electric Power

Beth LaRose, GE Vernova

Jessica Lau, Xcel Energy

Gordan van Welie, ISO New England, Inc.



USNC

Dale Douglass Award for Technical Achievement - 2023



– 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 – 2023

Mark McVey, Dominion Energy



USNC

Philip Sporn Award — 2023



– 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 – 2023



Damir Novosel, Quanta Technology LLC

USNC

Outstanding Collective Member Award — 2023



“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 — 2023



QUANTA
TECHNOLOGY



2023 Nominations & Appointments Committee

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



USNC Officers

Term Ending (TE) Through 2022:

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



USNC Nominations for 2023-24

Renewed Appointments

- Chris Root- President
- Damir Novosel- VP of Nominations and Appointments
- Stewart Ramsay, Treasurer
- Beth LaRose, VP Awards and Recognition



Executive Committee Members at Large - Term Ending 2024



Joey Alexander (Ampacimon, Inc.)	Mads Almassalkhi (University of Vermont)
Khalid Al-Olimat (Ohio Northern University)	James Amato (Burns & McDonnell)
James Berger (Power Engineers)	Eric Bosze (CTC Global Corporation)
Robert Bradish (American Electric Power)	Derek Brown (OMICRON)
Terence Donnelly (ComEd)	Johan H. Enslin (Clemson University)
Susan Ginsburg (Criticality Sciences, Inc.)	Michael Glynn (ENTrust Solutions)
Brandon Grainger (University of Pittsburgh)	Don Gruenbacher (Kansas State University)
Bryan Gwyn (Doble Engineering)	John Haysbert (Hitachi Energy)
Mike Heyeck	Elizabeth LaRose (GE Power)
Jessica Lau (Xcel Energy)	Yilu Liu (University of Tennessee)
John McDonald (GE Grid Solutions)	Efrain O'Neill-Carrillo (University of Puerto Rico-Mayaguez)
Dana Parshalid (First Energy Corporation)	John Paserba (Mitsubishi Electric Power Products, Inc.)
R. Ramakumar (Oklahoma State University)	Stewart Ramsay (Varny & Associates)
Paul Roskilly (Siemens Energy)	Joe Rostron (Southern States, LLC)
B. Don Russell (Texas A&M University)	Kristin Spearman (Tennessee Valley Authority)
Eric Takayesu (Southern California Edison)	Marianna Vaiman (V&R Energy Systems Research, Inc.)
Gordon van Welie (ISO New England, Inc.)	Rafael Wilches (PSEG)
Bradley Williams (Oracle Utilities)	Gayle Wooster (Power Systems Consultants, Inc.)
Longya Xu (Ohio State University)	

Executive Committee Members at Large - Term Ending 2025



Shay Bahramirad (LUMA Energy)	George Bjelovuk (Siemens Industry)
Robert Carritte (MPR Associates Inc.)	Adrianne Collins (Southern Company Services Inc.)
Richard Collins (Commonwealth Associates, Inc.)	Kevin Curtis (Dominion Energy Virginia)
Ron Duckstein (Sediver USA)	Tom Dunn (VELCO)
Michael Ennis (S&C Electric Company)	Qiuhua Huang (Colorado School of Mines)
Doug Jones (POWER Engineers)	Adam Keech (PJM Interconnection, LLC)
Aftab Khan (Eversource Energy)	Robert Kirkland (Leidos)
Arron Lewis (Black & Veatch Corporation)	Keith E. Lindsey (Lindsey Systems)
Chen-Ching Liu (Virginia Tech)	Rana Mukerji (New York Independent System Operator, Inc.)
Sean Murphy (PingThings, Inc.)	Damir Novosel (Quanta Technology)
Robert O'Connell (University of Missouri)	Andrew Phillips (Electric Power Research Institute)
Michael Putt – (Florida Power & Light)	David W. Roop (DWR Associates, LLC)
Chris Root (Quanta Technology)	Sergo Sagareli (ConEdison)
Carol Sedewitz (National Grid)	Richard Shaheen (Bonneville Power Administration)
Mariko Shirazi (University of Alaska – Fairbanks)	Veselin Skendzic (Schweitzer Engineering Laboratories)
Diana Trojan (HICO America Sales & Technology Inc.)	Nenad Uzelac (G&W Electric)
Brad Vosters (American Transmission Company)	Richard Zhang (University of Illinois @ Urbana Champaign)

USNC – 2022 Finances



- **Revenues:**

– Individual Memberships	\$128,129.43
– Collective Memberships	\$134,750.00
– Corporate Sponsorships	\$210,500.00
Grid of the Future	
– Conference Income	\$512,372.24
GOTF registration + 2021 virtual Paris	
	<hr/>
	\$985,751.67

- **Expenses:**

– Dues to Paris Office	\$117,097.93
– Administration/Operations	\$124,917.48
– Conference Expenditures	\$654,369.20
– Travel	\$21,092.18
– Marketing	\$4,000.00
	<hr/>
	\$921,476.79



USNC – Financial Summary – 2022

(audited and closed)

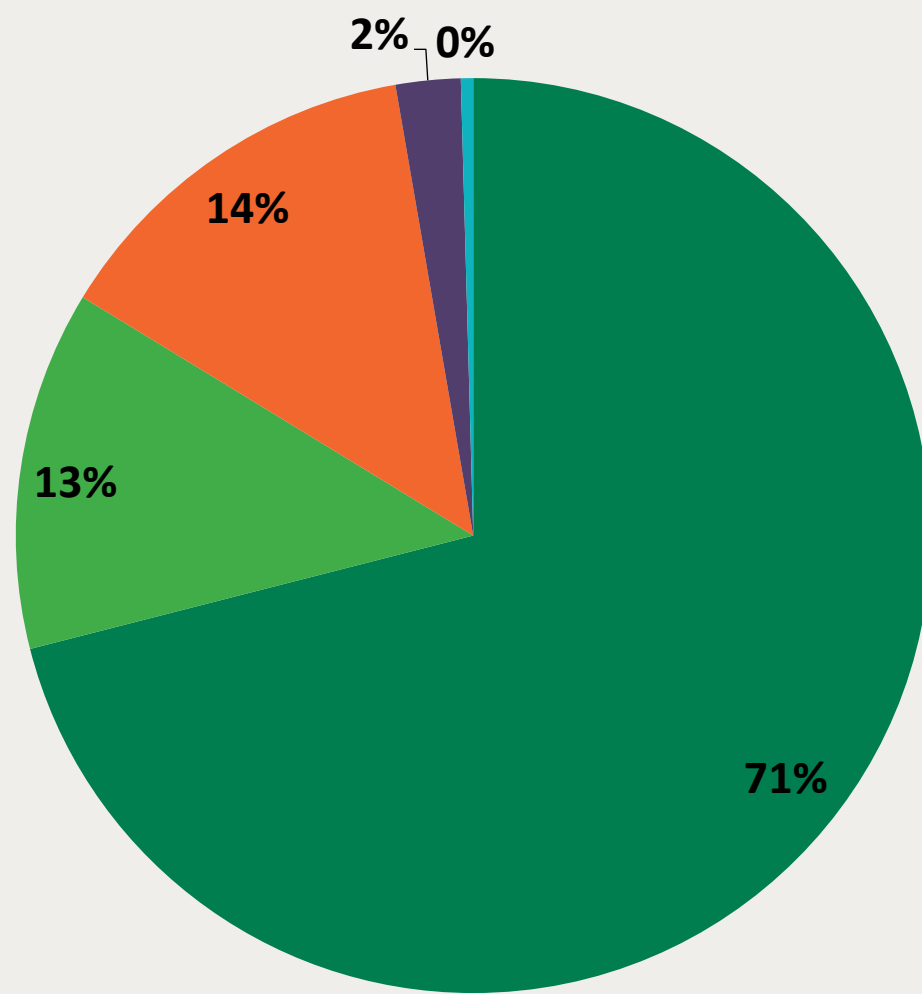
	<u>Budget</u>	<u>Actual</u>
Revenues	\$ 683,875.00	\$ 985,751.67
Expenses	\$ 694,950.00	\$ 921,476.79
Net Income	\$ -11,075.00	\$ 64,274.88

Investments:

Certificates of Deposit: \$ 288,430.56



2022 Expense Breakdown



- Conference Expenses - \$654,369.20
- Member Fees - \$117,097.93
- Administration & Operations - \$124,917.48
- Staff travel - \$21,092.18
- Marketing - \$4,000.00



USNC Membership



	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023*</u>
Individual	622	839	943	946	1,026	979
Collective	51	53	49	54	49	60
Principal	(25)	(24)	(24)	(23)	(29)	(24)
Sustaining	(8)	(10)	(9)	(10)	(13)	(14)
Patron	(5)	(6)	(6)	(8)	(7)	(11)
Educational	(13)	(13)	(10)	(13)	(16)	(11)

* 2023 Data as of July 5, 2023

Collective – Members 2023 (to date)



Patron Members (11)

AEP Service Corporation

Dominion Energy

Florida Power & Light

LUMA Energy

Oracle Utilities

Tennessee Valley Authority

Commonwealth Edison

EPRI

GE Grid Solutions/ GE Power

Hitachi Energy

Quanta Services

Sustaining Members (14)

Burns & McDonnell

ConEdison

ENTrust Solutions

G&W Electric

Lindsey Systems

National Grid USA

S&C Electric Co.

Commonwealth Associates, Inc.

Doble Engineering

Eversource Energy

ISO New England, Inc.

Mitsubishi Electric Power Products, Inc.

New York ISO

Southern States LLC

Collective – Members 2023 (to date)



Principal Members (24)

American Transmission Co. (ATC)

Black & Veatch

CTC Global

First Energy Corp.

Leidos

OMICRON electronics

PJM Interconnections

Power Systems Consultants

Schweitzer Engineering Laboratories

Siemens Energy, Inc.

Southern Company

Vanry + Associates

Ampacimon, Inc.

Bonneville Power Administration

Criticality Sciences, Inc.

HICO America Sales & Technology, Inc.

MPR Associates, Inc.

PingThings

POWER Engineers, Inc.

PSEG

Sediver USA

Southern California Edison

V&R Energy Systems

VELCO



2023 - Educational Members (11)



Clemson University (sponsored by Dominion)

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

Kansas State University (sponsored by Burns & McDonnell)

Texas A&M University (Sponsored by USNC Cigre)

University of Alaska - Fairbanks

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

University of Missouri (sponsored by Burns & McDonnell)

University of Pittsburgh (sponsored by Dominion)

University of Tennessee (sponsored by Dominion)

University of Vermont (sponsored by VELCO)

Virginia Tech (sponsored by Dominion)

2023 USNC Annual Meeting: *Marketing Committee Update*

Marianna Vaiman, VP Marketing

Chair, CIGRE USNC Marketing Committee

July 19, 2023



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For power system expertise

Marketing Committee Mission

- Assist the VP Marketing in increasing the footprint of the USNC and general visibility and image of CIGRE in the US.
- Support the goals for USNC membership increases.
- Help USNC President with potential collective new members.
- Review website pages and make any improvement recommendations.
- Review marketing information from CIGRE to build a subset (Americanized) which can be used to give to potential members.
- Assist with Social Media postings and develop a social media calendar and schedule.

Marketing Committee Workstreams



- Leadership:
 - Chris Root, Industry Advisor, Quanta Technology, President, CIGRE USNC
 - Marianna Vaiman, CEO, V&R Energy, VP of Marketing
- Marketing materials
 - Rich Denis, Director, T&D, Siemens
- Website contents
 - Michael Glynn, VP of Business Development, Entrust Solutions Group
 - Bryan Gwyn, Senior Director of Solutions and Cyber Security, Doble Engineering
- Development of CIGRE US merchandise line
 - Wayne Bishop, Senior Director, Industry Outreach, Quanta Technology
- Liaison for Collective University Members
 - Edvina Uzunovic, Assistant Teaching Professor, WPI

Additional Outreach Activities

- Social Media
 - Posts on upcoming events, awards, etc.
 - Started series “MEET CIGRE USNC TEAM” in 2023
 - A post each month on USNC leadership
 - Post “Celebrating Women of CIGRE USNC” to acknowledge Women History Month
 - Coordinating with Jessica Lau, Chair, WIE
 - Working close with NGN
 - Coordinating posts and activities with James Berger, Chair, NGN
- Had a Booth at Grid Edge, April 10-13, 2023, San Diego
- Have a Table at IEEE PES GM, July 17-21, 2023, Orlando
- Getting ready for 2023 Grid of the Future Conference: posts, interviews, materials

Thank You!



- Special Thank You goes to the amazing CIGRE USNC staff supporting Marketing Committee:
 - Sharon Loe
 - Jessica Meadors
 - Grace Hough

See You in Kansas!



- Sponsorship Opportunities are Now Open
- Please check <https://cigre-usnc.org/grid-of-the-future-2023/>



HOSTED BY





Women in Energy (WIE)

Involvement & Opportunities



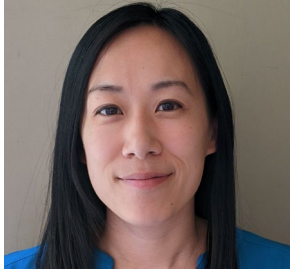
Our Purpose

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



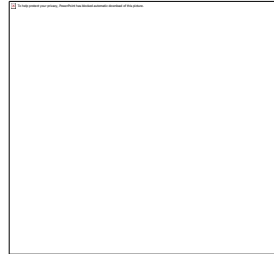
Mandy Olson

Chair Emeritus
Burns and McDonnell



Kate Graves

Events
Quanta Technology



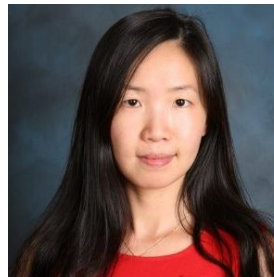
Katherine Inge

Professional Development
MPR Associates, Inc.



Beth LaRose

Advisor
GE Power



Jun Wen

WiE Net Zero Initiative
Southern California Edison

CIGRE GOTF Activities

Monday, October 9th

5:30 – 7:00 PM

Girl Scouts STEM
Discussion & Activity

7:30 PM

WiE Exec Networking Dinner



Wednesday, October 11th

1:00 – 2:00 PM

Panel Session – The Blurred Lines of T&D
Moderated by Jessica Lau, Xcel Energy



Tuesday, October 10th

7:00 – 7:45 AM

WiE Breakfast
Guest Speaker:
Renita Mollman, CAO
Burns & McDonnell



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

Cigre USNC NGN

18th July 2023



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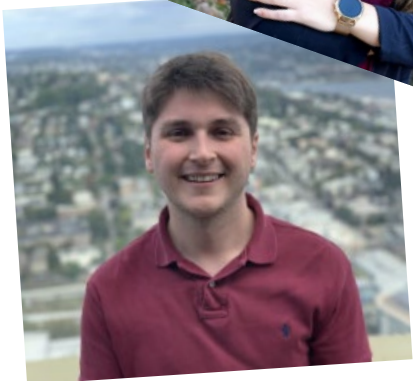
01. The Team



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NGN Team in the US



02. Projects and Progress



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Mentorship Program

- 2023 will be the first year of the Next Generation Network (NGN) and Women in Energy (WiE) Mentoring Program
- Goal of connecting Young Professionals and Women in Energy with technical and career mentorship
- Program Kick-Off Held on May 30th
- Total of 52 participants



Women
in Energy



Next Generation
Network



Webinars

- Webinars held the past two months with over 100 in attendance
- LinkedIn and email currently main means for socializing webinars
- Previous Initiatives Update:
 - **Request for Speakers posted on LinkedIn**
 - **Give access to previous webinars on NGN page on USNC website**
- Upcoming Initiatives:
 - **Promote NGN members as speakers**
 - **Partner with WiE to assist in hosting and recruiting speakers**



Social Media

- Continuing efforts to raise awareness of CIGRE in the US through social media and online engagement
- Partnered with USNC LinkedIn page to increase post frequency and present a unified front
- 157 new followers gained since partnering with USNC LinkedIn at beginning of April, consistent LinkedIn page engagement
- Plans to post a yearly survey in partnership with USNC Executive Committee to LinkedIn to collect feedback
- Posting webinar recordings to YouTube the day of or day after
- Working with NGN committee to keep NGN webpage updated and supply new content



Membership and Outreach

- Goal to increase collegiate membership for both collective members and individual students
- Template email to send to specific college career services departments outlining CIGRE and benefits of joining
 - **Developing flyer detailing benefits of NGN membership that will be included**
- Looking for companies willing to sponsor membership for collective university membership

Clemson University	sponsored by Dominion
Colorado School of Mines	sponsored by V&R Energy
Harvard University	sponsored by ERCOT
Illinois Institute of Technology	sponsored by ERCOT
Kansas State University	sponsored by Burns & McDonnell
Ohio Northern University	sponsored by AEP
Ohio State University	sponsored by AEP
Oklahoma State University	sponsored by AEP
Texas A&M University	sponsored by CIGRE
University of Alaska – Fairbanks	
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 Vermont	sponsored by VELCO
Virginia Polytechnic Institute & State University	sponsored by Dominion

Events

Timeline – Important Dates



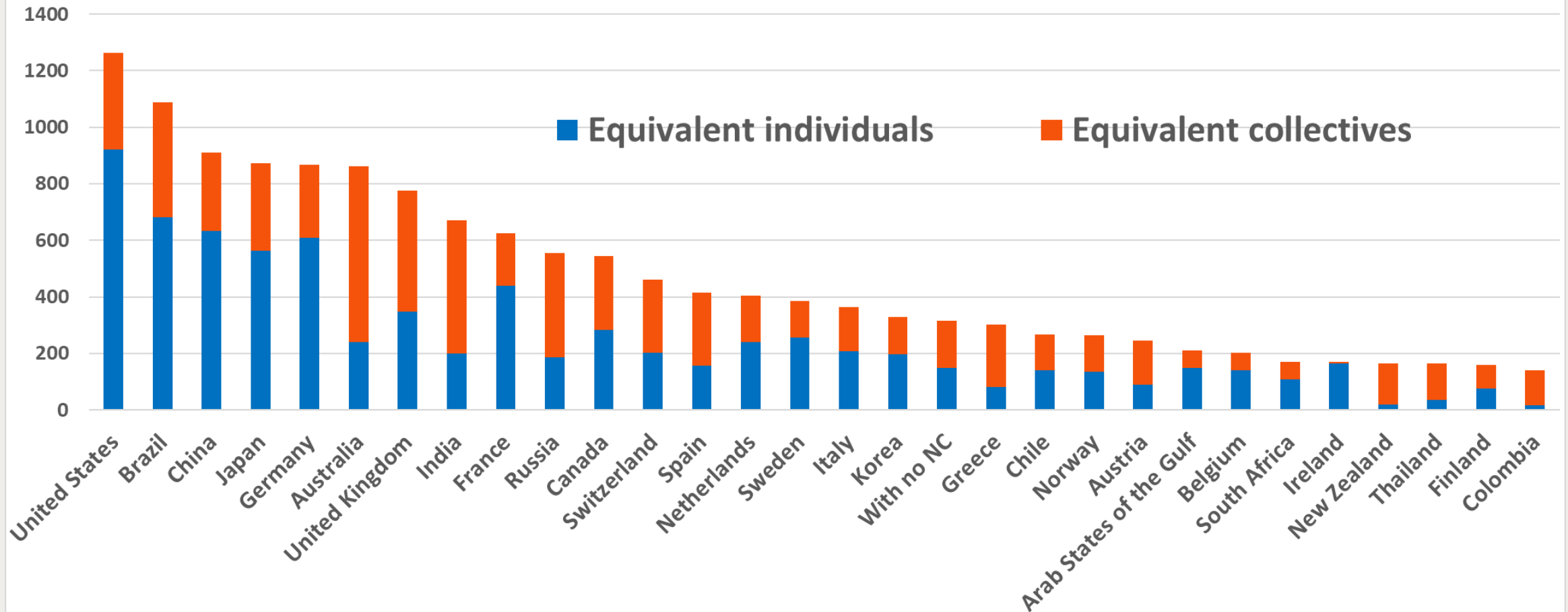
- Grid of the Future (GOTF) – October 9-12 in Kansas City
 - **Paper competition for the GOTF 2023**
 - Top 5 submissions will have the opportunity to present at the GOTF conference
 - Winner gets a stipend to the 2024 Paris Session
 - **NGN Breakfast**
 - Young professionals will have the opportunity 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

- CIGRE Membership as Force Multiplier
- CIGRE 2024 Paris Session
- CIGRE Strategic Plan 2023 Revision For 2030
 - Staying ahead as leaders in the Energy Transition

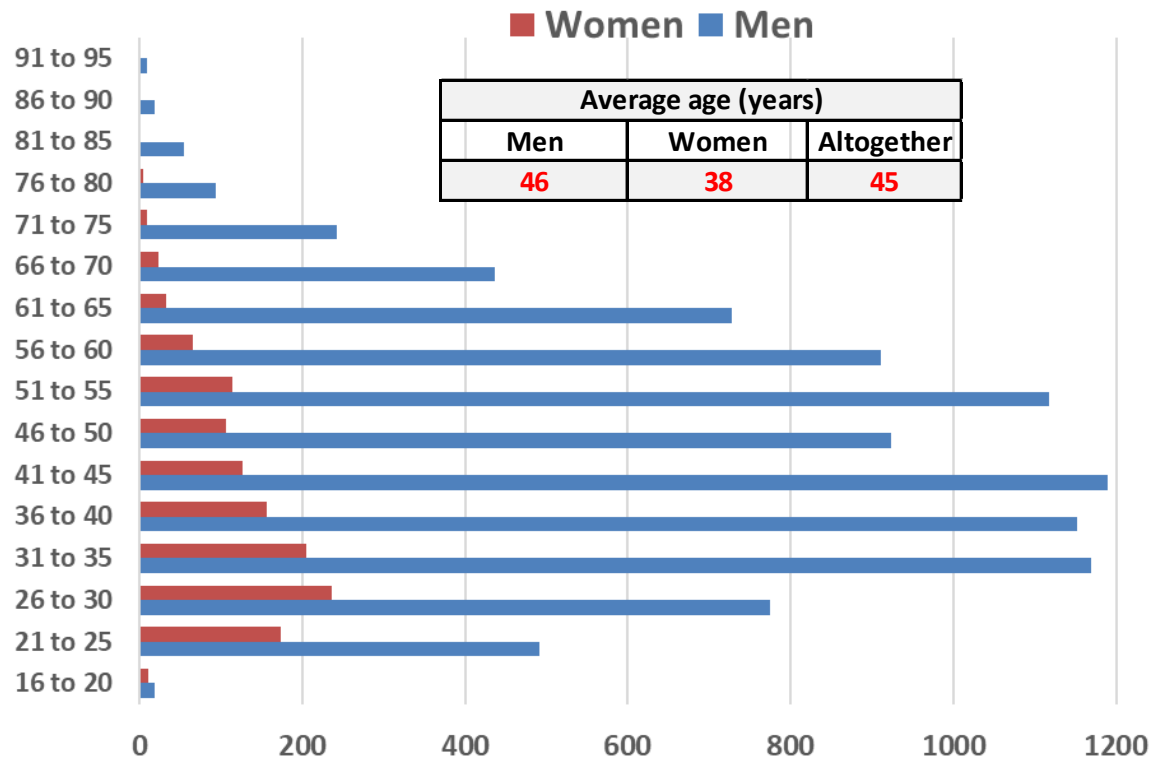
2022 Membership

2022 National Committees ranking by equivalent membership (1st half)

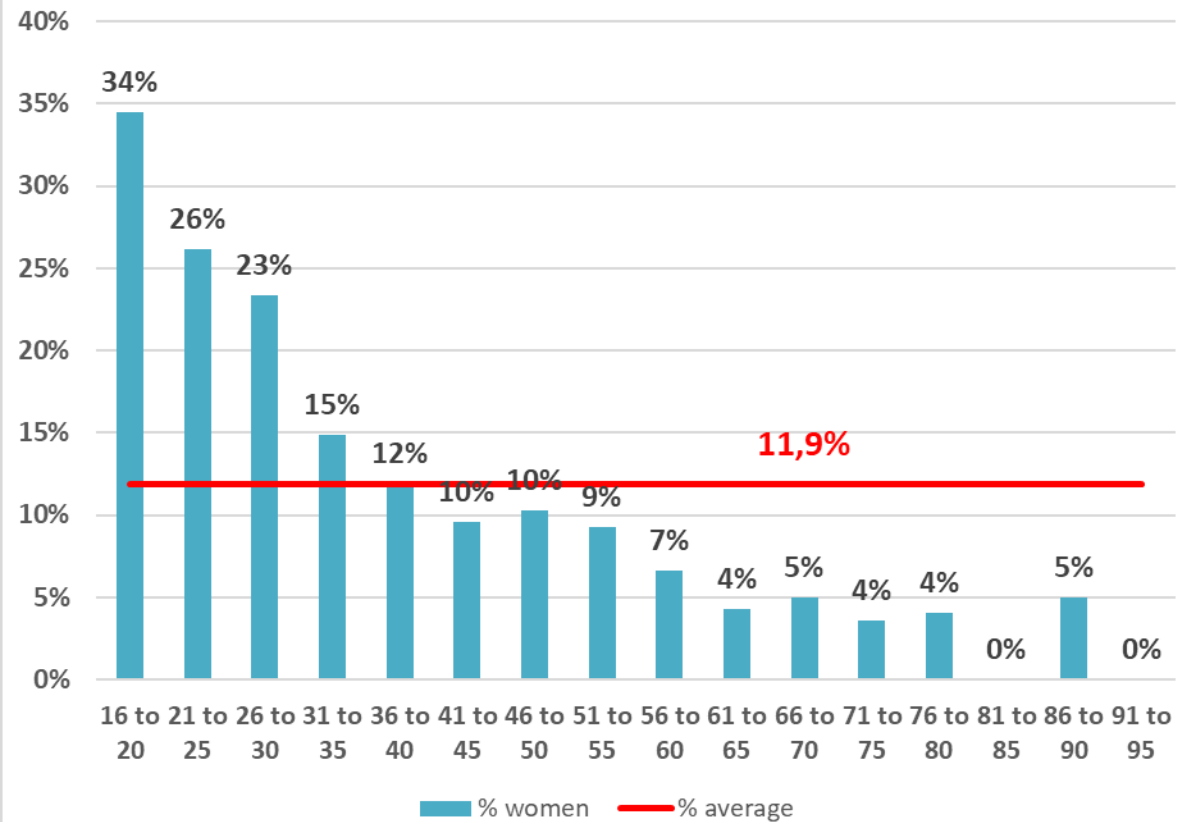


2022 Membership Profile

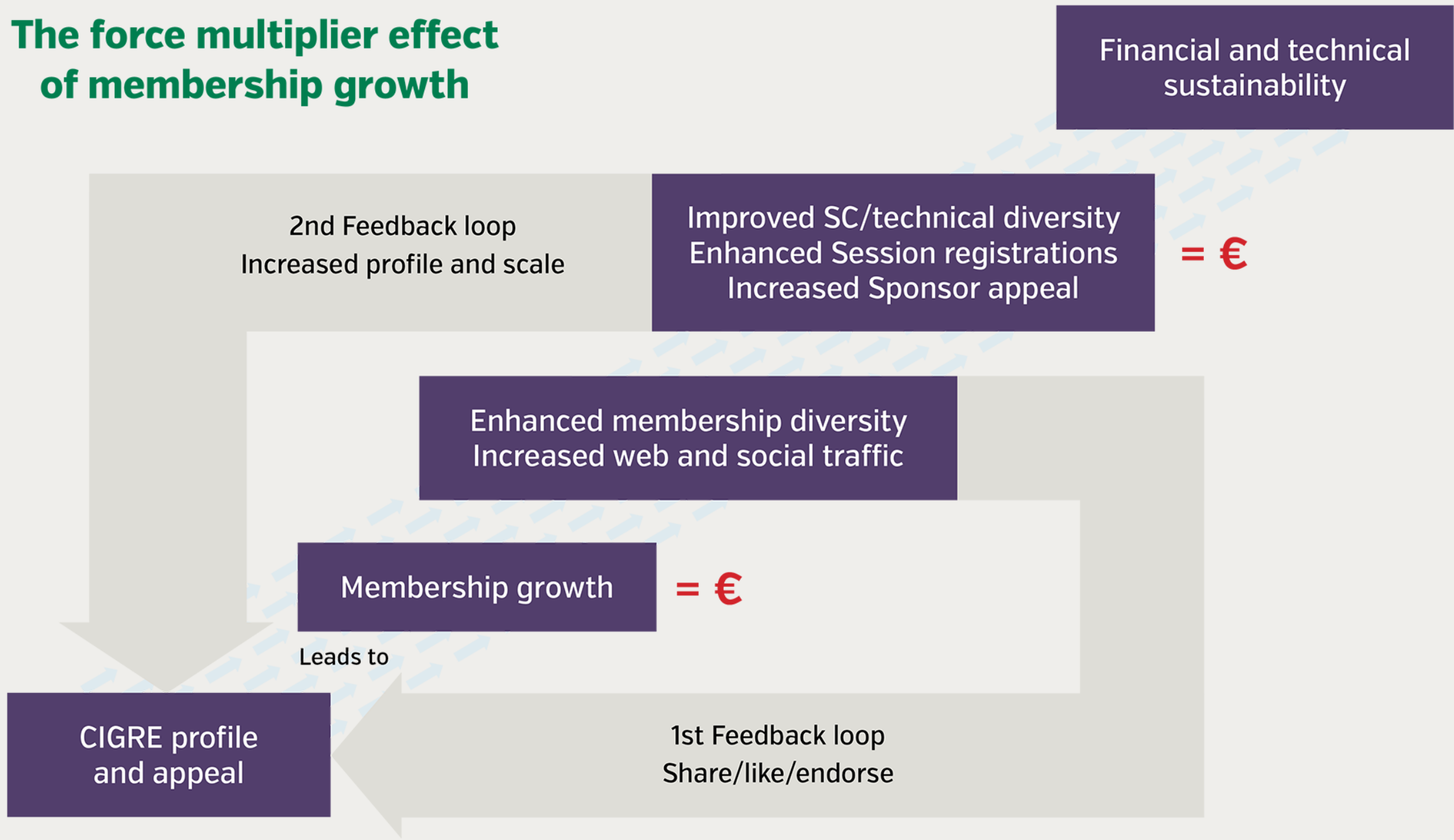
CIGRE individual membership pyramid of ages



% women vs age

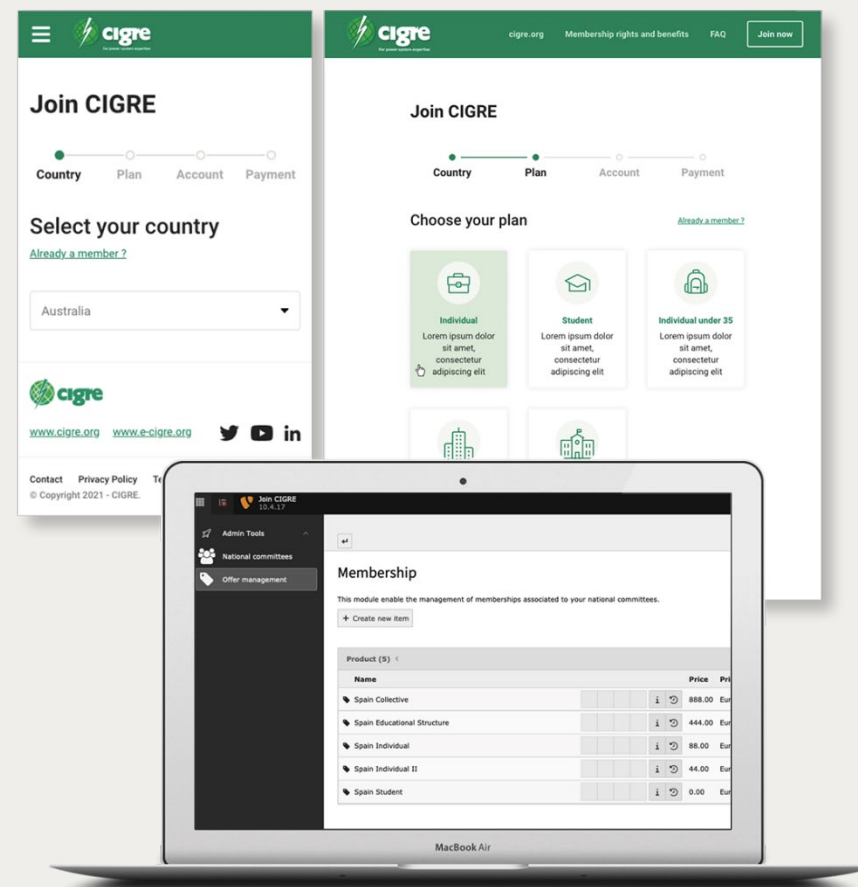


The force multiplier effect of membership growth



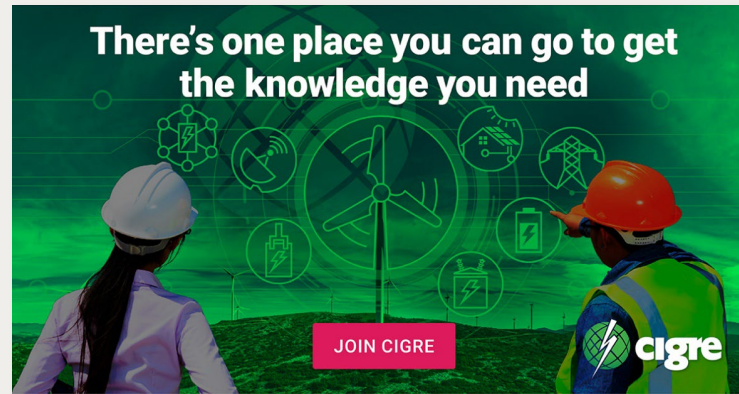
join.cigre.org – membership sign up automated system

- Automated sign up from central websites
- A pipeline of members NCs don't otherwise get
 - from cigre.org / ELECTRA etc
- Very easy to setup, C.O. support
- Renewal options coming in future
- Moving to “opt out” for NCs that cannot use the stripe system for currency

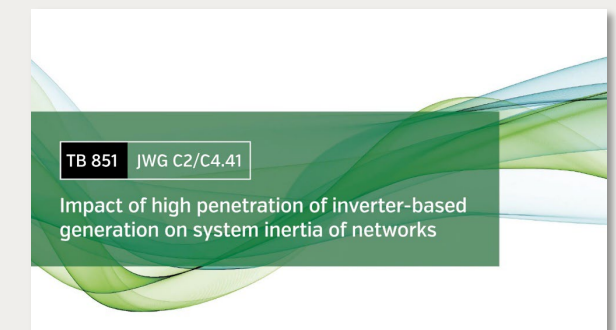


Membership growth

- Various promotional activities accelerating in 2023
- Promoting knowledge, community, publications and more...
- Promoted through central channels but shared with the NCs for local promotion
- eCIGRE to be upgraded in 2023 and 2024 providing enormous value and page views



why join & join.cigre.org



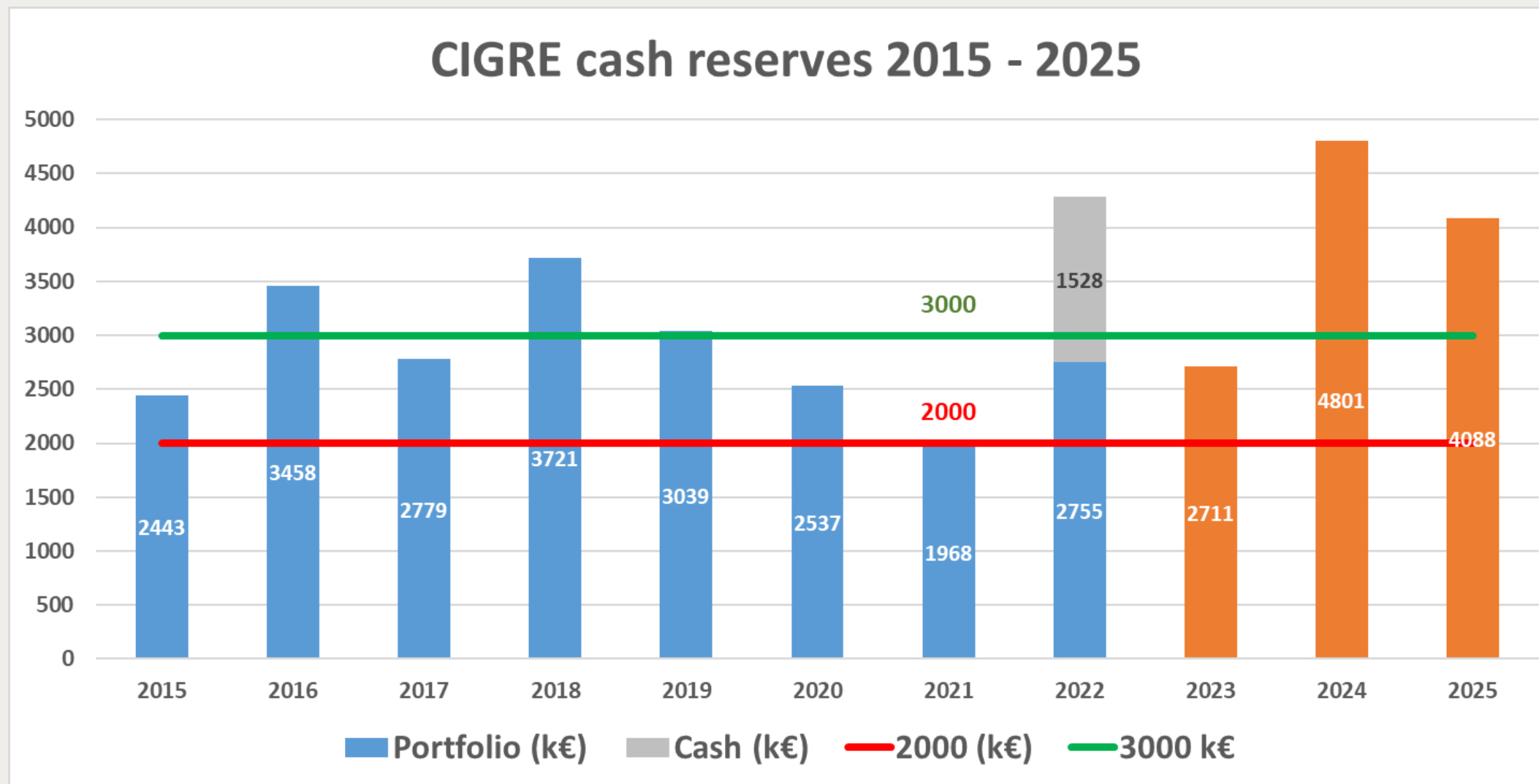
TB preview videos

Paris Session 2024

- Olympics prior and Paralympics after may cause higher airfare costs
- Hotels will be blocked by travel agency.
- Coming together events planned daily
- Exhibition expanded – Registrations moved to 1st floor



CIGRE Cash Reserves including portfolio



e-cigre.org advertising options

Overview

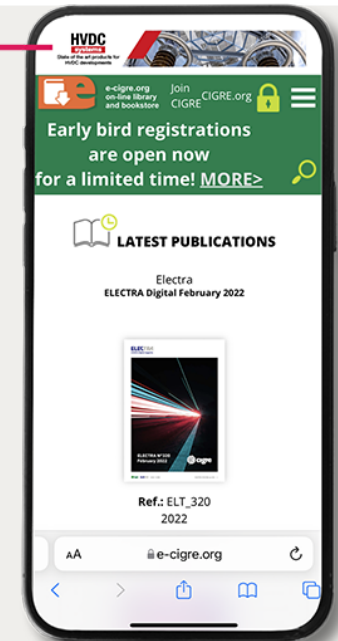
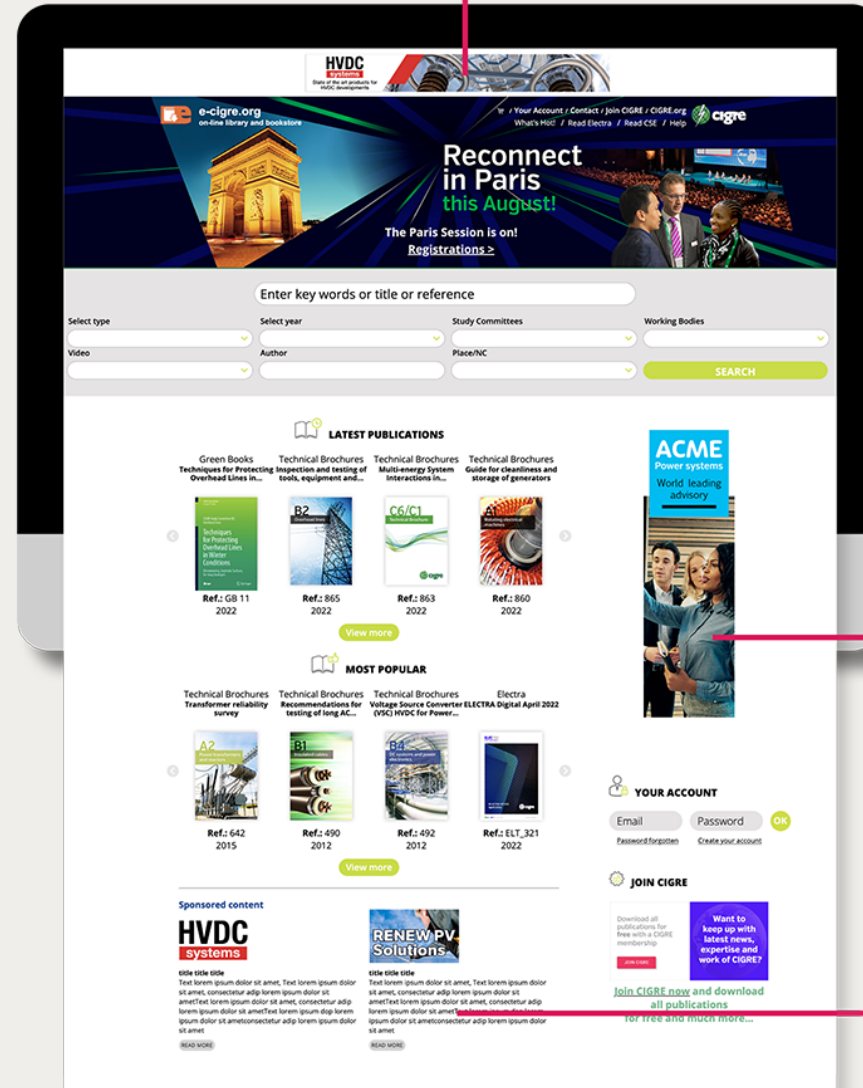
- e-cigre.org our busiest website
- Three different advertising options

Principles

- Protect member experience
- Online only not in the downloads
- Restrict animations
- Add value for members

CIGRE will revamp e-CIGRE in 2023 and 2024

Leader board
High profile top of every page

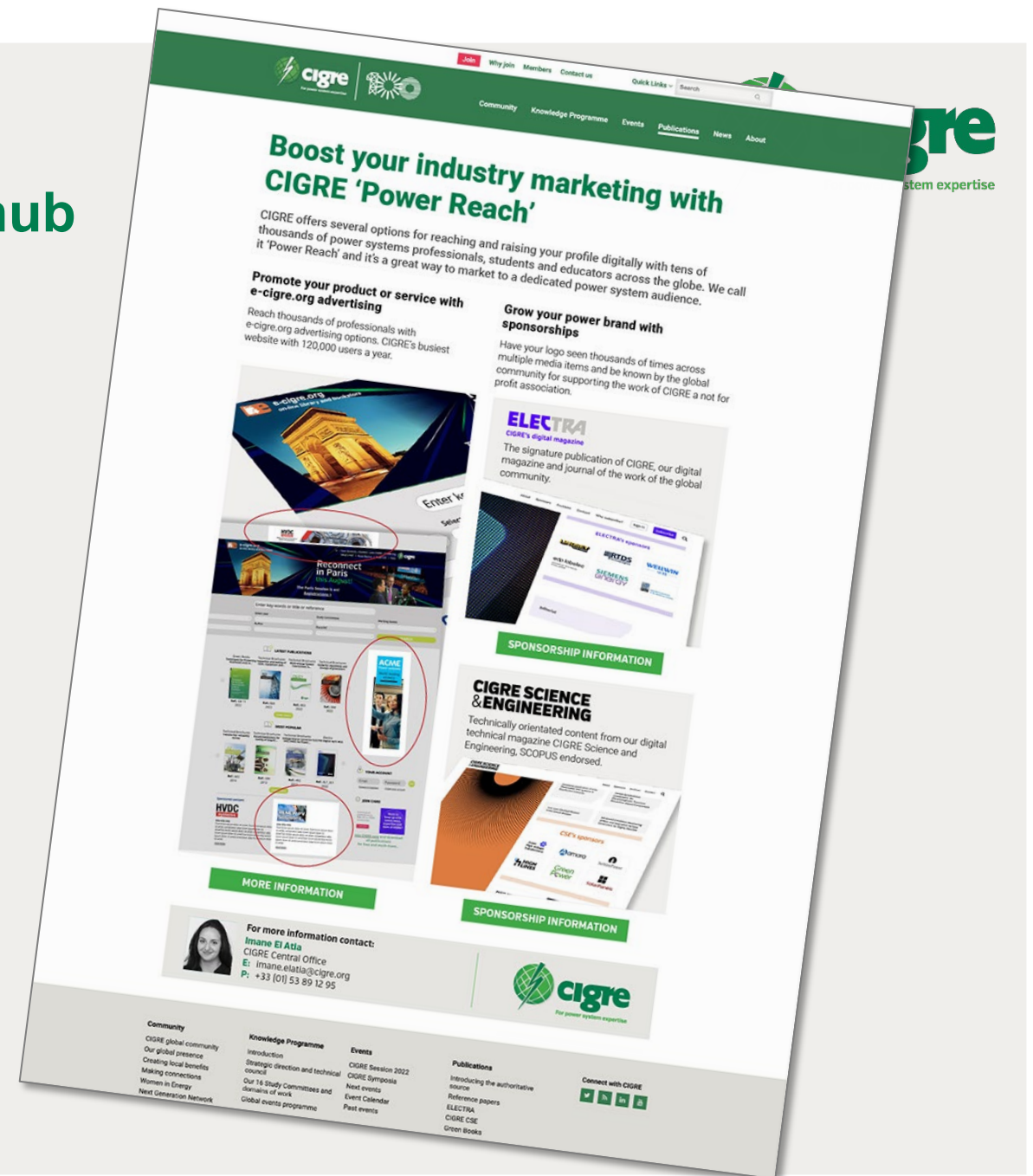


Tower ads
Larger on the right of the content window

Sponsored news content
bottom of every page

Advertising and sponsorships hub

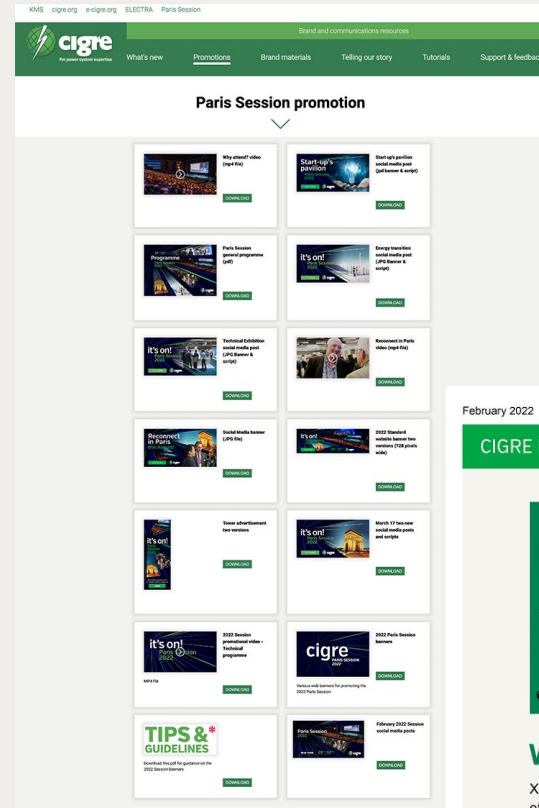
- [cigre.org>publications](https://cigre.org/publications)
- Promotes our portfolio
 - **ELECTRA** - sponsorships
 - **CSE** - sponsorships
 - **eCIGRE.org** – advertising
 - Add others as we go
- Revenue capacity can reach 500k€+



Updates to MR site to support growth

- New promotions pages
- New blog and notification system

CIGRE USNC resources are at >>>>
marketingresources.CIGRE.org



February 2022 CIGRE Marketing Resources : NEW RELEASE



WiE rollout

Xerum cumqui auda dolor seratur accabor sit,
etur milias sitaquassi ibearcipsis et miliquost aut.

[READ MORE](#)



Strategic Plan for 2030 - Purpose for 2023 Revision

- The energy transition will have disruptive, challenging, and exciting changes.
- CIGRE sees the power industry on an expansive track, in terms of its scope and range of activities.
- CIGRE is a leading platform for knowledge sharing, a true on-line laboratory to assist innovators in the development of suitable products for a sustainable future of our planet.
- CIGRE is well positioned to meet these challenges with its fundamental neutrality for knowledge sharing.
- CIGRE proposes this 2023 revision for its Strategic Plan with a horizon of 2030 to ensure our leadership for power system expertise for our stakeholders, and for societal needs for electricity.

Strategic Plan 2030 - Outcomes and Metrics

Sustain CIGRE's Core Values, Technical Foundation, and Financials

- Membership growth 7-10% with 30,000-35,000 eq members by 2030.
- Membership growth in active participation (including SCs) and diversity (e.g., lower avg age, greater % women).
- Membership growth worldwide with greater growth in Africa and Asia.
- SCs grow in membership but remain at 16 with greater clarity for the Energy Transition.
- Continued Signature Paris Biennial Session (to 5000 delegates).
- Grow regional/national conferences.
- Attract new entrants and non-traditional members for the energy transition and E2E.
- Develop sustainable cash reserves to endure loss of a Paris Session.
- Grow CIGRE communications and brand broadly reaching E2E energy transition.
- Develop CIGRE strategic dashboard for governance body communications.

Future CIGRE and USNC Meetings



Paris Session 2024

August 25 to 30, 2024
Palais des Congrès, Paris, France