

US National Committee

2025 Annual Meeting of Members



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	C. Root
6.	Administrative VP Report	C. Root
7.	Marketing	M. Vaiman
8.	Women in Energy	K. Inge
9.	Next Generation Network	G. Alvarez
10.	International Update	N. Uzelac
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**
 - Konstantin Papailiou
- **VP Finance (Treasurer)**
 - Mike Heyeck (USA)**
- **VP Technical Council Chair**
 - Rannveig Loken
- **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 68 Collective Members
- 15 universities were sponsored in 2024
- There are 1,236 Individual Members of the USNC
- Matt Gardner, VP of Transmission at Dominion Energy will become President in 2026
- GOTF 2025, Planning for Denver, CO from November 10-13 ongoing, POWER Engineers, Host
- Sponsorships are still available for GOTF, papers still being accepted but there is a limit of 100
- GOTF 2026 will be held in VA and Dominion Energy to be host



Technical Activities Update

John D. McDonald, P.E.





Technical Activities Committee

- USNC Regular Members and Regular Additional Members to CIGRE
- Study Committees & Appointment Dates
- USNC Synopses Process for 2026 Paris Session
- 2025 GOTF Paper Submission and Evaluation
- Working Groups/Task Forces Member Selection Process
- USNC Meeting During 2026 CIGRE Paris Session
- CIGRE WGs (Most Recent)
- CIGRE Publications
 - CIGRE Green Books (total list)
 - CIGRE Technical Brochures (most recent)
- Expert's Nationality in Active WGs
- Convener's Nationality in Active WGs



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



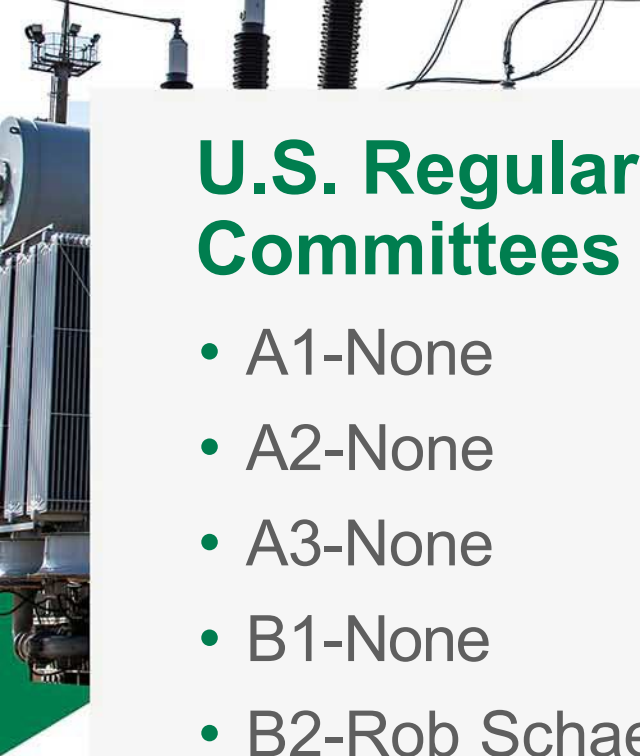
- A1-Howard Penrose (MotorDocLLC) - 2024
- A2-Craig Swinderman (MEPPI) – 2024
- A3-John Webb (ABB) – 2024
- B1-Tom Zhao (EPRI) – 2022
- B2-Erik Ruggeri (POWER Engineers) – 2020
- B3-George Becker (POWER Engineers) – 2020
- B4-David Roop (MEPPI) – 2020
- B5-Jonathan Sykes (Quanta Technology) – 2024



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




- C1-Mark Lauby (NERC) – 2024
- C2-Renuka Chatterjee (MISO) – 2024
- C3-Mandy Olson (Burns & McDonnell) - 2022
- C4-Gaurav Singh (EPRI) - 2020
- C5-Jeff Bladen (Verrus) - 2020
- C6-Jouni Peppanen (EPRI) – 2024
- D1-Ibrahima Ndiaye (GE Research) – 2024
- D2-Chen-Ching Liu (Virginia Tech) – 2020



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



- A1-None
- A2-None
- A3-None
- B1-None
- B2-Rob Schaerer (POWER Engineers) – 2024
- B3-None
- B4-Marek Furyk (GE Vernova) – 2024
- B5-Alex Apostolov (OMICRON electronics) - 2024



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



- C1-Jay Caspary (TransGrid Advisors, LLC) - 2024
- C2-Adam Keech (PJM Interconnection) - 2024
- C3-None
- C4-Julia Matevosyan (ESIG) - 2024
- C5-Anant Venkateswaran (Hitachi Energy) - 2024
- C6-Tanguy Hubert (EPRI) - 2024
- D1-None
- D2-Junho Hong (University of Michigan-Dearborn) - 2024



2026 Synopses Process for Paris Session

1. 145 Synopses Received and Forwarded to USNC Study Committee Reps for their Advisory Committee Review (117 Received for 2024; 80 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. 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
4. Synopses Submitted to CIGRE Paris Office by August 25
5. Notification of Acceptance of Synopses on October 20



CIGRE USNC 2025 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 25, 2025
- 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 2025 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 2026 CIGRE Paris Session

- Sunday, August 23 from 2:00 p.m. to 3:30 p.m. at the Palais des Congres de Paris
- 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 WGs (Most Recent)



- TOR-JWG C1/D2.56 Electrical Cyber Integration to Meet Net Zero Goal by Support of Cloud Infrastructure
- TOR-WG B3.70 Guidelines for the use of Advanced Technologies for Information and Knowledge Management in Substations
- TOR-JWG C6/C1/CIREN.50 Planning Distribution Networks under Significant Uncertainties
- TOR-WG B3.73 Asset Management
- TOR-JWG C1.55 A Benchmarking Survey on the Use of Asset Investment Planning Practices and Systems by Utilities
- TOR-WG A1.78 Guide for the Application of Electrical and Current Signature Analysis of Electric Motors Generators and Powertrain
- TOR-WG A2.80 Guide to Transformer Supplier Qualification and Development
- TOR-JWG C2/C4.47 Wide Area Operational Security Systems to Enable the Energy Transition
- TOR-JWG C5/C1.43 Approaches to Account for the Contribution of Short-Duration Electric Storage Systems in Capacity Adequacy Assessment
- TOR-JWG A2/C3.79 Power Transformers and Reactors Sound Levels On Site
- TOR-WG D2.66 Low Voltage Power Line Carrier Communications Application



CIGRE Publications

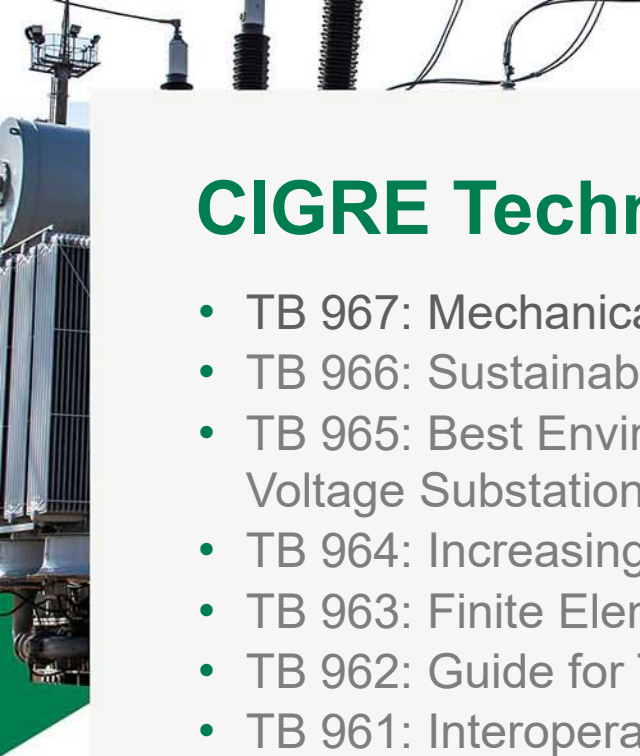
- Reference Papers
- ELECTRA (bimonthly digital magazine)
- CIGRE Science & Engineering Journal (CSE) (published three times per year)
- Green Books
- Papers and Proceedings
- Technical Brochures
- eCIGRE (home to CIGRE's resource of 12,000+ technical publications)



CIGRE Green Books

- SC A2 Transformer and Reactor Procurement
- SC A3 Switching Equipment
- 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 Overhead Lines
- SC B2 Compact Overhead Line Design
- SC B2 Techniques for Protecting Overhead Lines in Winter Conditions
- SC B2 Modelling of Vibrations of Overhead Lines Conductors
- SC B3 Substations
- 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 C4 Power System Dynamic Modelling and Analysis in Evolving Networks
- SC D2 Utility Communication Networks and Services
- All SCs Electricity Supply Systems of the Future

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



CIGRE Technical Brochures (Most Recent)

- TB 967: Mechanical Properties of Insulation Materials for Power Transformers
- TB 966: Sustainable Corridor Management
- TB 965: Best Environmental and Socioeconomic Practices for Improving Public Acceptance of High Voltage Substations
- TB 964: Increasing the Strength Capacity of Existing Overhead Transmission Line Structures
- TB 963: Finite Element Analysis for Cable Rating Calculations
- TB 962: Guide for Transformer Maintenance
- TB 961: Interoperability in HVDC Systems Based on Partially Open Software
- TB 960: Certification of the Electricity Used to Produce Hydrogen
- TB 959: Behaviour of Cable Systems under Large Disturbances
- TB 958: Guidelines for use of Real-code in EMT Models for HVDC, FACTs and Inverter Based Generators in Power Systems Analysis
- TB 957: Recommendations for Dielectric Testing of HVDC Gas-insulated Cable Connection Assemblies
- TB 956: Protocol for Reporting the Operational Performance of HVDC Systems
- TB 955: Lightning Transient Sensing, Monitoring and Application in Electric Power Systems

There are over 940 technical brochures available on e-cigre.org at no charge for CIGRE members. Nearly 40 are added every year.

Expert's Nationality in Active WGs

Country	Experts	Position	Average
United States of America	445	626	1.41
United Kingdom	338	427	1.26
Turkiye	51	57	1.12
Switzerland	101	134	1.33
Sweden	138	174	1.26
Spain	138	172	1.25
South Africa	132	162	1.23
Slovenia	41	69	1.68



Convener's Nationality in Active WGs

China	30
Canada	25
Australia	24
Germany	24
United States of America	22
Brazil	22
United Kingdom	21
France	17

Awards Ceremony

Beth LaRose



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For power system expertise

Awards & Recognition Committee

1. Beth LaRose – Chair - GE Vernova
2. Clark Gellings – Consultant
3. Mike Heyeck – Consultant
4. Katherine Inge – MPR Associates
5. Keith Lindsey – Lindsey Mfg. Co.
6. John McDonald – JDM Associates, LLC
7. Logan Rolles – Burns & McDonnell
8. Chris Root – Quanta Technology
9. B. Don Russell – Texas A&M University



USNC

Attwood Associate Award - 2025



“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 - 2025



Tapan Manna, Burns & McDonnell



USNC Attwood Associate Award - 2025



Tapan Manna, Burns & McDonnell

Douglas Proctor, D. Proctor Engineering, Inc.



USNC

Dale Douglass Award for Technical Achievement - 2025



“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 - 2025



Julia Matevosyan, ESIG



USNC

Outstanding Collective Member Award - 2025



“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

Virginia Sulzberger Service Award - 2025



“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 - 2025



Amanda Olson, Burns & McDonnell



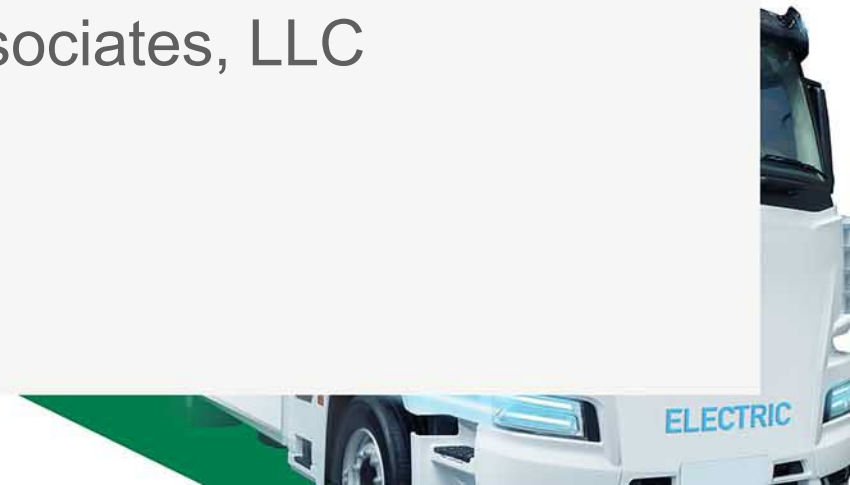
USNC Special Recognition - 2025



VP of Technical Activities Emeritus

For significant leadership and career contributions
to advance CIGRE technical activities

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



USNC Philip Sporn Award - 2025



“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 - 2025



Mark McVey, Dominion Energy



USNC Philip Sporn Award - 2025



Mark McVey, Dominion Energy

Christopher Root, Quanta Technology



2024 Nominations & Appointments Committee

Damir Novosel



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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 or *Starting*

- Chris Root (Quanta Technology), President - 2025
- Matt Gardner (Dominion Energy), President Elect – 2025 & *President - 2026*
- David Roop (DWR Associates LLC) – Immediate Past President – 2025
- Mike Heyeck (Grid Group LLC) – USNC Administrative Council Rep & CIGRE Steering Committee, CIGRE International Finance (Treasurer) - 2026
- Don Russell (TAMU) – Secretary, VP Administration – Secretariat - 2025
- Stewart Ramsey, VP Treasurer - 2026
- John McDonald (JDM Associates), VP Technical Activities – 2025
 - *John Paserba (Southern States), VP Technical Activities - 2026*
- Beth LaRose (GE Power) – VP Awards & Recognition – 2025
 - *Aftab Khan, VP Awards & Recognition – 2026*
- Mariana Vaiman (V&R Energy)- VP Marketing- 2027
- Damir Novosel (Quanta Technology) – VP Nominations - 2026
- Katherine Ing, (MPR) – Women In Energy (WIE) - 2026
- Logan Rolles(Burns and McDonnell) - Next Generation Network (NGN) - 2026



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 2026



Ampacimon, Inc. - Corey Hauser	MOXA, Inc. - Raymond Shieh
American Electric Power - Robert Bradish	North Carolina State University - Ken Dulaney
Burns & McDonnell - James Amato	OMICRON - Derek Brown
ComEd - Carla Friehe	Oracle Utilities - Tom Eyford
Criticality Sciences, Inc. - Susan Ginsburg	Pacific Gas & Electric Company - Shay Bahramirad
CTC Global Corporation - Eric Bosze	Power Systems Consultants, Inc. - Brad Railing
Doble Engineering - Bryan Gwyn	Sargent & Lundy - Thomas Foley
Dominion Energy - Mike Lamb	Southern California Edison - Shinjini Menon
Dominion Energy - Matthew Gardner	Southern States, LLC - John Paserba
Duke Energy - Neil Bhagat	Tennessee Valley Authority - Ian Grant
Epsilon Americas - Matthieu Landais	University of Puerto Rico-Mayaguez - Efrain O'Neill-Carrillo
GE Vernova - Elizabeth LaRose	University of Tennessee - Yilu Liu
G&W Electric - Nenad Uzelac	Vanry + Associates - Stewart Ramsay
HICO America Sales & Technology - Diana Trojan	Velco - Tom Dunn
ISO New England, Inc. - Gordon van Welie	Virginia Tech - Chen-Ching Liu
ITC - Gordie Halt	Amanda Olson
JDM Associates, LLC - John D. McDonald	Jessica Lau
Kansas State University - Don Gruenbacher	Katherine Inge
LUMA - Patrick Arns	Logan Rolles
Mitsubishi Electric Power Products, Inc. - David E. Roop	Marianna Vaiman

Executive Committee Members at Large – Term Ending 2027



AECOM - Michelle Blaise	MPR Associates, Inc. - Robert Carritte
American Transmission Company - Adam Niemuth	National Grid - John Franklin
Avangrid Service Company - Alfonso Mugueta	New York Independent System Operator - Pradip Kumar
Black & Veatch Corporation - Arron Lewis	PingThings, Inc. - Sean Murphy
Bonneville Power Administration - Richard Shaheen	PJM Interconnection, LLC - Adam Keech
Commonwealth Associates, Inc. - Rich Collins	POWER Engineers - Doug Jones
ConEdison - Simon Odie	PSEG - Rafael Wilches (PSEG)
DWR Associates, LLC - David W. Roop	Quanta Technology - Damir Novosel
Electric Power Engineers - Hala Ballouz	S&C Electric Company – Ernst Scholtz
Electric Power Research Institute - Ram Adapa	Schweitzer Engineering Laboratories - Veselin Skendzic
Electric Reliability Council of Texas - Pablo Vegas	Siemens Energy AG - Glory Thompson
Eversource Energy - Asim Fazlagic	Silver Gray Design - Volkan Aksakal
Florida Power & Light - Michael Putt	Simple Thread - Justin Etheredge
George Mason University - Liling Huang	Texas A&M University - B. Don Russell
Hitachi Energy - Regina Gao	Ulteig - Kirsten Olson
LCRA Transmission Services Corporation - Matthew Thomas	University of Illinois at Urbana Champaign - Richard Zhang
Lindsey Systems - Keith Lindsey	University of Missouri - Robert O'Connell
LineVision - Jon Marmillo	Mike Heyeck
MISO - Renuka Chatterjee	

2024 Financial Report



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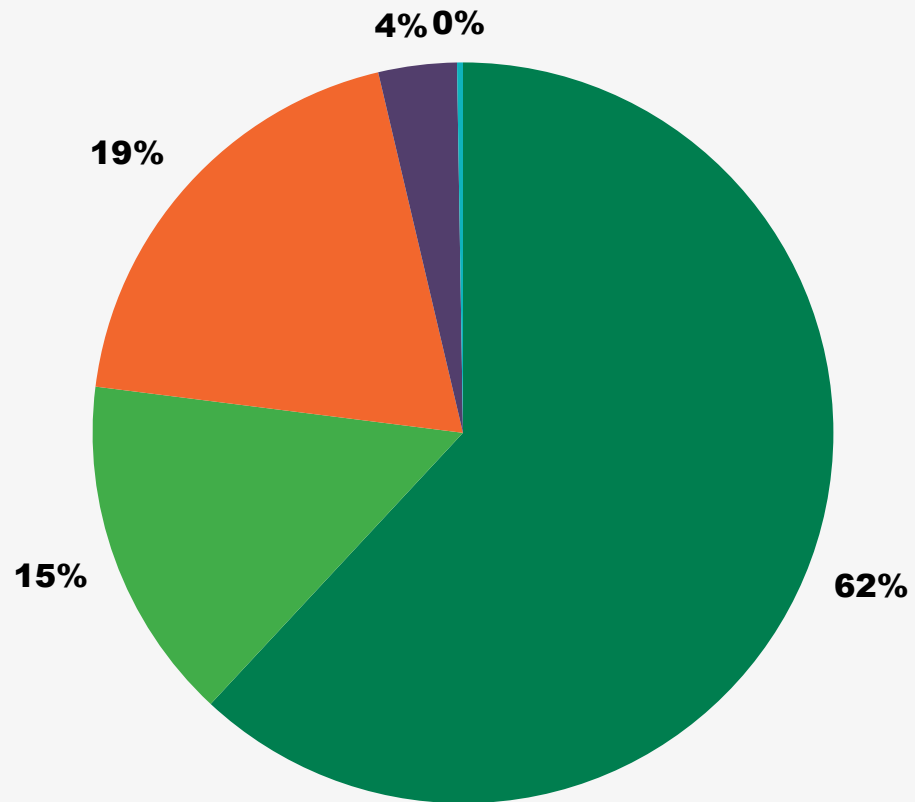
For power system expertise

USNC – 2024 Finances



REVENUES:	
Individual Memberships	\$164,943.16
Collective Memberships	\$186,300.00
Corporate Sponsorships -Grid of the Future & Paris Session	\$209,500.00
Conference Income -GOTF registration, Paris registration & Annual Mtg.	\$567,473.19
TOTAL:	\$1,128,216.35
Expenses:	
Conference Expenditures	\$620,790.42
Membership Dues to Paris Office	\$151,010.38
Administration & Operations	\$209,500.00
Travel	\$34,291.95
Marketing	\$2,586.64
TOTAL:	\$1,002,444.67

2024 Expense Breakdown



■ **Conference Expenditures - \$620,790.42**

■ **Dues to Paris Office - \$151,010.38**

■ **Administration & Operations - \$193,765.28**

■ **Travel - \$34,291.95**

■ **Marketing - \$2,586.64**

USNC – Financial Summary - 2024



	Budget	Actual
Revenue	\$933,250.00	\$1,128,216.35
Expenses	\$984,520.00	\$1,002,444.67
Net Income	-\$51,270.00	\$125,771.68

Investments:

Certificates of Deposit: \$ 538,207.33

USNC Membership



	2020	2021	2022	2023	2024	2025*
Individual	943	946	1,026	1,196	1,232	1,236
Collective	49	54	49	64	75	68
Principal	(24)	(23)	(29)	(27)	(25)	(24)
Sustaining	(9)	(10)	(13)	(14)	(18)	(17)
Patron	(6)	(8)	(7)	(12)	(17)	(18)
Educational	(10)	(13)	(16)	(11)	(15)	(9)

* 2025 Data as of July 29, 2025

Collective – Members 2025 (to date)

Patron Members (18)

AECOM	American Electric Power
Avangrid Service Company	Commonwealth Edison
Dominion Energy	Duke Energy
Electric Power Research Institute (EPRI)	Florida Power & Light
GE Vernova	Hitachi Energy
ITC	LUMA Energy
Midcontinent ISO	Oracle
POWER Engineers, Inc.	Quanta Services
Sargent & Lundy	Tennessee Valley Authority

Collective – Members 2025 (to date)



Sustaining Members (17)

Burns & McDonnell	Commonwealth Associates, Inc.
ConEdison	Doble Engineering
Electric Reliability Council of Texas (ERCOT)	Eversource Energy
G&W Electric	ISO New England Inc.
Lindsey Systems	Lower Colorado River Authority (LCRA)
Mitsubishi Electric Power Products, Inc.	National Grid USA
New York Independent System Operator	PG&E
S&C Electric Company	Southern States LLC
Ulteig	

Collective – Members 2025 (to date)



Principal Members (24)

American Transmission Company (ATC)	Ampacimon, Inc.
Black & Veatch	Bonneville Power Administration
Criticality Sciences, Inc.	CTC Global
Electric Power Engineers	Epsilon Americas
HICO America Sales & Technology, Inc.	LineVision Inc.
Moxa Inc.	MPR Associates, Inc.
OMICRON electronics	PingThings
PJM Interconnections, LLC	Power System Consultants
PSEG	Schweitzer Engineering Laboratories
Siemens Energy, Inc.	Silver Gray Design
Simple Thread	Southern California Edison
Vanry + Associates	VELCO

Collective – Members 2025 (to date)



Educational Members (9)

George Mason University (sponsored by Dominion)

Kansas State University (sponsored by Burns & McDonnell)

North Carolina State University (sponsored by Quanta Technologies)

Texas A&M University (sponsored by CIGRE)

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

University of Missouri (sponsored by Burns & McDonnell)

University of Puerto Rico-Mayaguez (sponsored by American Electric Power)

University of Tennessee (sponsored by Dominion)

Virginia Tech (sponsored by Dominion)



2025 USNC Annual Members Meeting

Marketing Update



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For power system expertise

Marianna Vaiman

Wayne Bishop

Qiuhua Huang

July 29, 2025

Austin, TX

Our Focus

- **Increasing the number of Collective Members**
 - **Currently, 68!**
 - Created an organization to support the growth and maintain communication with Collective Members
 - Wayne Bishop, Collective Members Coordinator
 - Qiuhua Huang, University Members Coordinator
- **Social media outreach**
- **Grid of the Future Symposium participation and sponsorship**

Collective Membership Strategy

- Short-term: On-line support for Collective member
 - Update USNC website with new contents to support Collective Members
 - 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

Collective Membership Growth

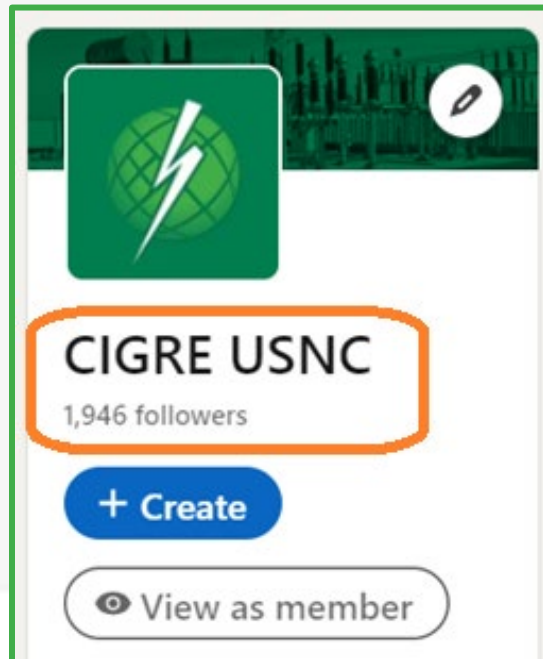
9 New Collective Members since July 1, 2024

- Midcontinent ISO
- AECOM
- Duke Energy
- LCRA Transmission Services Corporation
- North Carolina State University
- Pacific Gas & Electric (PG&E)
- Silver Gray Design
- Simple Thread
- Ulteig

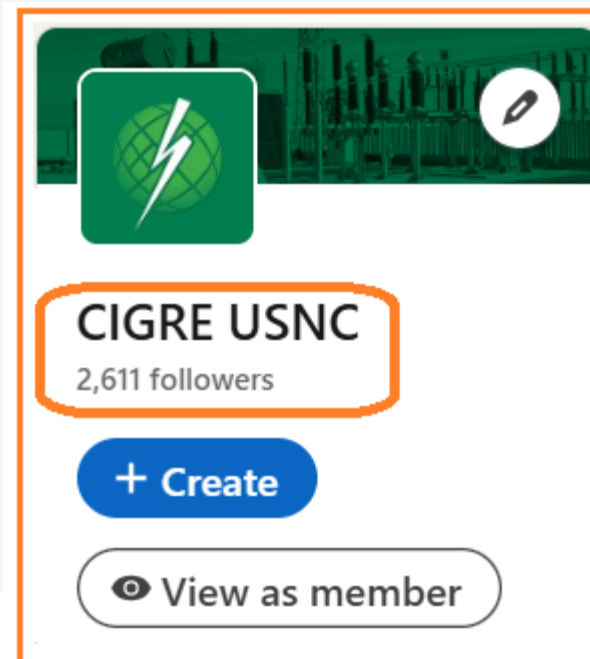
Outreach Activities - Social Media

- Social Media - LinkedIn
 - Post on upcoming in-person events, webinars, awards, etc.
 - Posting for WiE
 - Coordinate posting with NGN
- ~**34%** increase in followers in the last year
- **Over 30%** increase in followers annually since started posting actively in 2023

2024



2025



Other Outreach Activities

- **Current Focus:** The 2025 Grid of the Future Symposium, Denver, CO, November 10 – 13, 2025
- CIGRE 2026 Paris Session, August 23 to 28, 2026

CIGRE NGN Tutorial during the 2025 GOTF Symposium

- *Tutorial “**Wildfire Preparation and Mitigation for Power Grids: Utility Experience and Recent Advancements**”*
- **Summary**
 - This workshop will bring together utilities, vendors, R&D organizations, and academic experts to share **utility experience, actionable insights, emerging technologies, and show commercial solutions.**
- **Three main sessions**
 - Utility Use Cases, Practices and Challenges
 - R&D Advancements in Wildfire Analysis, Prediction and Mitigation
 - Technical Lightning Talk and Demo by Vendors
- **Chairs and contact**
 - Qiuhua Huang, Associate Professor, Colorado School of Mines,
qiuhuahuang@mines.edu
 - Sam Malloy, Director of R&D, Innosphere /CO-WY ASCEND Engine,
sam@innosphere.org

See You in Denver!



- **Sponsorship Opportunities are Now Open for the 2025 Grid of the Future (GOTF) Symposium**
- Please check <https://cigre-usnc.org/grid-of-the-future-2025/>

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
2025



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For power system expertise



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



Katherine Inge
Chair
MPR Associates, Inc.



Mallory Mannoni
Vice-Chair
1898 & Co.



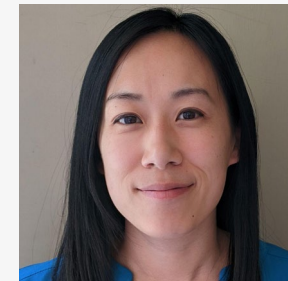
Beth LaRose
Advisor
GE Vernova



Kate Graves
Communications
Quanta Technology



Shandi Ezrasenah
GOTF Events
Consolidated Edison



Jessica Lau
Chair Emeritus
Artful Pathways



Maigha
Professional
Development
Commonwealth Edison



Aimee Intac-Leung
International
Relations
Invenergy



Kristi Wray
Member-at-Large
G&W Electric



Virtual Events

Women in Energy (WIE) Connections Series

- Keynote
 - Highlighting personal and professional story
- Networking Breakouts
 - Follow on prompts for discussion and connection



Join us Wednesday, June 25th
at 1 PM EDT | 12 PM CDT
for an engaging one-hour



**Women in Energy (WiE)
Connections: Keynote
and Networking Event**

Registration is required.

Featuring:
Mandy Olson
Burns & McDonnell
T&D Engineering Director



Stay tuned!
Join us later this summer
for an engaging one-hour



**Women in Energy (WiE)
Connections: Keynote
and Networking Event**

Registration will be required.

Featuring:
Farnaz Farzan
Quanta Technology
Principal Advisor,
Distribution



WIE & NGN Partnership



Joint Professional Webinars

- March 2025
 - Enhancing Grid Reliability and Resilience through Advanced Technologies with Marianna Vaiman
- August 2025
 - Preety Mathema

2025 Mentoring Program

The graphic is a dark green rectangular banner. In the top left corner is the CIGRE Women in Energy logo. Below it, on the left, is a small icon of a person at a computer. To the right of this icon, white text reads: 'Join us Wednesday, March 19th at 12 PM CDT/1 PM EDT for an insightful one-hour webinar:'. In the center, large white text reads: 'Enhancing Grid Reliability and Resilience through Advanced Technologies'. Below this, smaller white text reads: 'Hosted by CIGRE USNC Women in Energy and Next Generation Network. Registration required.' On the right side of the banner is a circular portrait of Marianna Vaiman. Below the portrait, white text reads: 'Featuring: Marianna Vaiman Co-Founder and CEO of V&R Energy'.



Next Generation
Network



GOTF Events



**Monday,
November 10th**

6:30 – 7:30 PM
Girl Scouts
STEM
Discussion &
Activity



**Tuesday,
November 11th**

7:00 – 7:45 AM
WiE Breakfast

11:15 AM –
12:30 PM
WiE Speed
Networking



**Wednesday,
November 12th**

1:00 - 2:00 PM
Panel Session –
Topic Pending



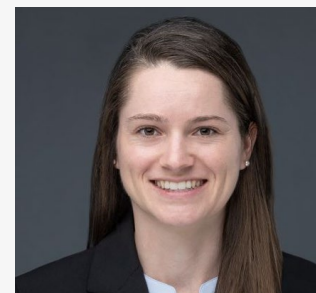
What You Can Do

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!



US WiE Chair
MPR Associates, Inc.



Kinge@mpr.com

CIGRE USNC Next-Generation Network (NGN)

July 29, 2025



cigre

For power system expertise

Genesis Alvarez

Webinar Co-Chair, CIGRE NGN
Staff Engineer, Dominion Energy
genesis.b.alvarez@dominionenergy.com

Next-Generation Network Executive Board



Logan Rolles
NGN Chair



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



Secilia Ho
*Paper Competition
Co-Chair*



Maigha
Webinars Co-Chair



Genesis Alvarez
Webinars Co-Chair



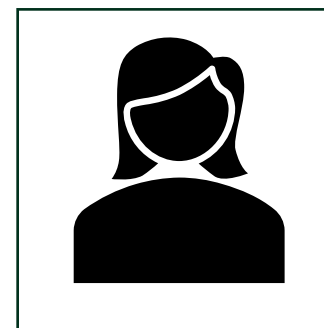
Zejia Jing
Mentorship Chair



Nicholas Skoff
*International
Collaboration Chair*



Michael Hanestad
Social Media Co-Chair



Purandhya Vij
*Marketing & External
Membership Chair*



Brian Obermeier
Member-At-Large

2024 NGN Booth hosted by US NGN



2024 NGN Showcase Recap



NGN Showcase Presentation Competition Winners were announced:

1st Place - Horacio Silva (NGN USA)

- Honorable Mentions:
 - Leo Richard (NGN France)
 - Yanting Cheng (NGN China)
 - Haonan Yang (NGN UK)

Congratulations to all who participated!



2025 USNC NGN Goals



- Increase NGN technical involvement through study committee/working group representation
 - Assign & Promote NGN representatives for each Study Committee
 - Use international resources to improve NGN/SC involvement. We have an International NGN/SC liaison lead.
- Increase CIGRE presence on college campuses
 - Host virtual webinars/presentations on the benefits of CIGRE
 - Promote Grid of the Future Career Fair & Student Attendance
 - Recently attended Virginia Tech and presented on CIGRE NGN
- Increase coordination with IEEE PES/YP
 - Joint webinars
 - Co-hosted events
- Mentorship program
 - Working with IEEE & WiE
 - Considering new pairing methods in 2026, such a group-style and study committee-based mentorship

2025 Next-Generation Network Updates



Mentorship

- 2025 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
- Interest from the international community in mentorship programs (CIGRE Brazil)



Women
in Energy



Next Generation
Network

Webinars & Professional Development

- Hosting ~1 webinar per month.
- May 2025's webinar, "Large Loads and Their Impact on the Grid", had **over 400 attendees registered!**
- Since 2024, have increased LinkedIn presence and have seen a considerable increase in attendance and interest.
- 2025 Initiatives:
 - Increased Social Media Presence
 - Joint NGN – WiE Webinars
 - Joint CIGRE – IEEE Webinars
 - Joint CIGRE – CIGRE Canada and Spain
- Hosting GOTF Annual Next-Generation Network Paper Competition at Grid of the Future
 - **26 young professionals submitted synopsis** for only 5 finalist spots!



Social Media & Marketing

Social Media

- Actively posting on LinkedIn
 - USNC Collaboration
 - Webinars
 - Upcoming Events & Opportunities
 - Benefits of Membership
- Webinar recordings posted to YouTube and linking to USNC Site

Marketing

- Created a CIGRE brochure highlighting benefits of membership and opportunities
- Created a CIGRE introductory PowerPoint to share with universities or organizations to share about CIGRE and membership
- University Presentations (Virtual or In-Person)



Upcoming Events

- **CIGRE 2025 International Symposium(Montreal, Canda)**
 - NGN Panel – Wednesday, October 1 from 12:15pm – 1:30pm
 - "Driving Innovation in the Energy Industry: Lessons from the Past & Opportunities for the Future"
 - Logan Rolles – USNC NGN Chair will be participating
 - NGN Event – Thursday, October 2 from 7:00pm – 10:30pm
 - Intercontinental Hotel
 - Award presentation of the 11 best NGN papers
 - Award presentation of the 11 best student papers



Upcoming Events

- **Grid of the Future (Denver, CO)**
 - Next-Generation Sponsored Tutorial
 - “Wildfire Preparation and Mitigation for Power Grids: Utility Experience and Recent Advancements”
 - Next-Generation Paper Competition
 - Top 5 submissions will present at GOTF, with the finalist winning a stipend to the 2026 CIGRE Paris Session!
 - Next-Generation Network Breakfast
 - Young professionals will have the opportunity to hear from and talk to professionals from the host company about career development
 - Next-Generation Network GOTF Dinner
 - Young professionals in attendance at GOTF will have the opportunity to get together for an evening of food, drinks, and networking



Q&A

WANT TO GET INVOLVED OR LEARN MORE? SCAN
BELOW TO LOG YOUR ATTENDANCE!



Let's Connect!



Genesis Alvarez
Dominion Energy
genesis.b.alvarez@dominionenergy.com

CIGRE International Update for USNC

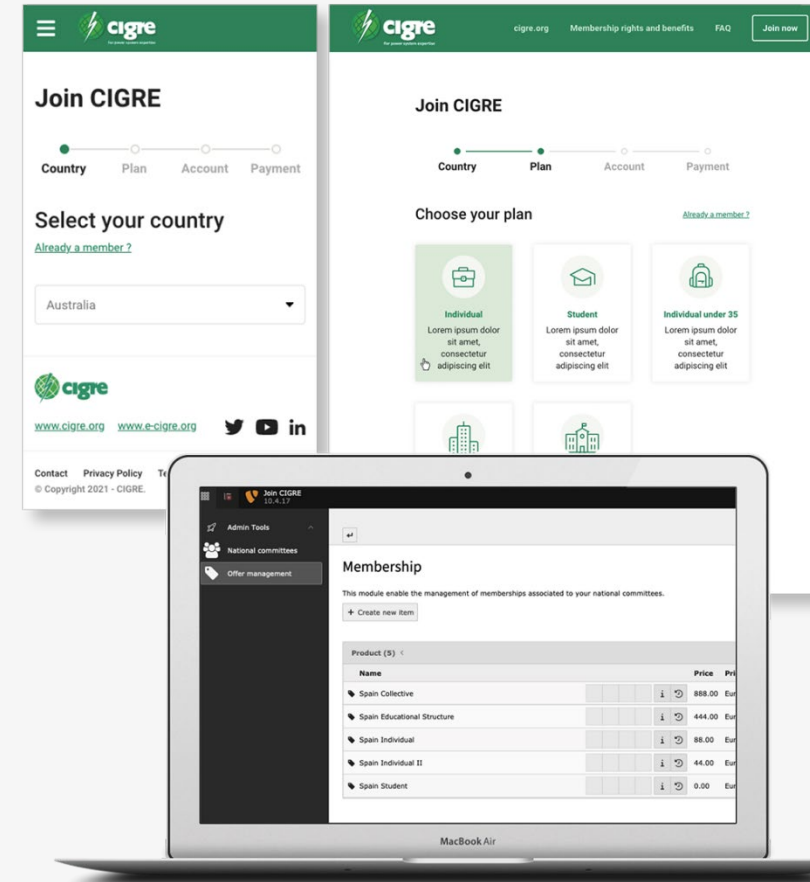
Nenad Uzelac, CIGRE-IEEE Liaison for
Michael Heyeck, CIGRE VP Finance (Treasurer)



2014-2024 Progress Promising 2025-2030 Results

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 Input

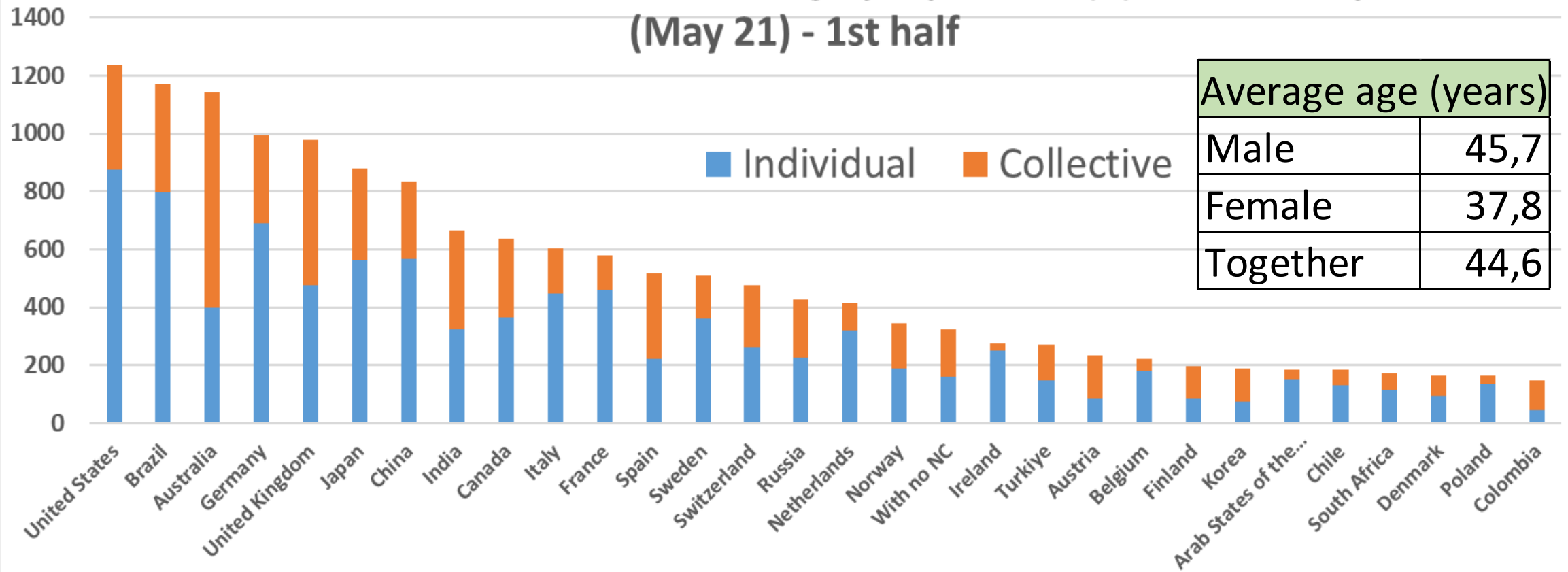
Grow to 30000 - 35000 members by 2030 (5-7%)

1. Ensure sustainability in a challenging world
2. Increase in SC / WG participation reflecting new scale
3. Membership & Session Fees no more than inflation
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**



US #1 for CIGRE Membership

2025 National Committee ranking by equivalent(n) membership
(May 21) - 1st half

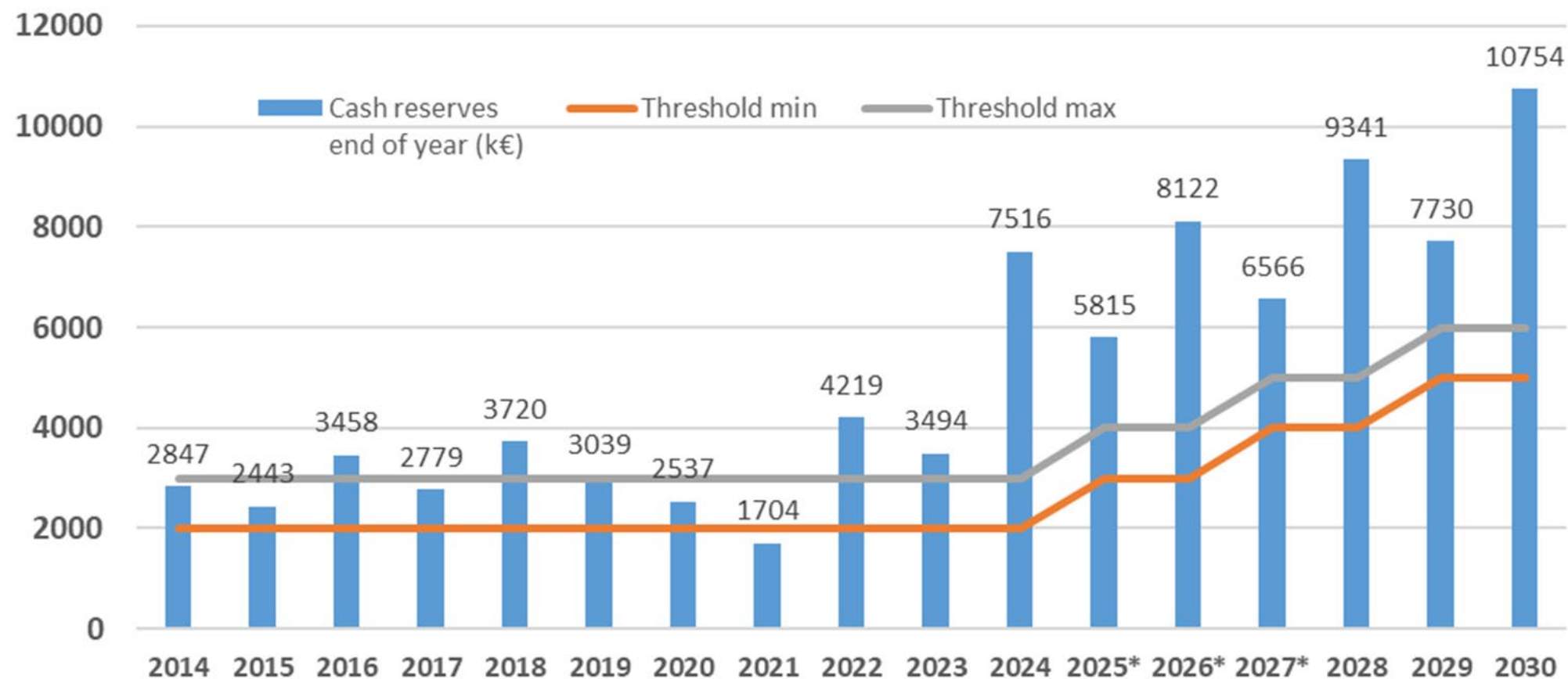


Average age (years)

Male	45,7
Female	37,8
Together	44,6

CIGRE Cash Reserves (for Risk of Paris Session Loss)

CIGRE cash reserves end of the year (k€)





INNOVATION & EDUCATION FUND

Powered by **CIGRE**



CIGRE Endowment Proposed

Endowment In Progress For 2026

- Recommended by CIGRE SteerCo for AdCo and Membership

Annual Grants Proposed by CIGRE NCs and other CIGRE Groups

- R&D for Energy Transition Innovations (noncommercial)
- Student Scholarships for the Energy Transition
- Humanitarian efforts for electricity for those without

Fund seeded by 1.5M euros from CIGRE with a substantial pledge made and more to come



The future starts now

The time is right for fostering innovative ideas, expertise, and talent. At CIGRE, we are committed to investing in the future of the power system. Introducing the CIGRE Innovation & Education Fund, a global programme providing grants for research, scholarships and educational initiatives for the energy transition.



**INNOVATION
& EDUCATION
FUND**
Powered by **CIGRE**



2025 Grid of the Future Symposium

November 10–13, 2025 | Denver, Colorado

As we look ahead, we invite you to consider attending the **2025 Grid of the Future Symposium**, hosted by **POWER Engineers**. This event will be held **November 10-13, 2025 in Denver, CO**. We're aiming for another record-breaking year!

We Hope to See You There!