<table>
<thead>
<tr>
<th></th>
<th>Agenda</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>USNC President’s Opening Remarks</td>
<td>C. Root</td>
</tr>
<tr>
<td>2</td>
<td>CIGRE International Update</td>
<td>M. Heyeck</td>
</tr>
<tr>
<td>3</td>
<td>Awards and Recognition</td>
<td>E. LaRose</td>
</tr>
<tr>
<td>4</td>
<td>Nominations and Appointments</td>
<td>D. Novosel</td>
</tr>
<tr>
<td>5</td>
<td>Treasurer’s Report</td>
<td>S. Ramsay</td>
</tr>
<tr>
<td>6</td>
<td>Administrative VP Report</td>
<td>D. Russell</td>
</tr>
<tr>
<td>7</td>
<td>Marketing</td>
<td>C. Root</td>
</tr>
<tr>
<td>8</td>
<td>Women in Energy</td>
<td>A. Olson</td>
</tr>
<tr>
<td>9</td>
<td>Next Generation Network</td>
<td>J. Berger</td>
</tr>
<tr>
<td>10</td>
<td>Technical Activities Report</td>
<td>J. McDonald</td>
</tr>
<tr>
<td>11</td>
<td>Future CIGRE and USNC Meetings</td>
<td>C. Root</td>
</tr>
<tr>
<td>12</td>
<td>Other Business and Discussion</td>
<td>USNC Members</td>
</tr>
</tbody>
</table>
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
  o Michel Augonnet (FR)
• VP Finance (Treasurer)
  o Mike Heyeck (USA)
• VP Technical Council Chair
  o Marcio Szechtm (BR)
• Secretary General
  o Philippe Adam (FR)

US Representative on Administrative Council & Steering Committee
  o Mike Heyeck
President's Update

- Added 5 new Collective Members
- 4 new universities were sponsored
- Developed a new VP Marketing Job Description
- Organized a new Marketing Subcommittee
- GOTF 2021 in Providence, RI was a success
- Individual Membership is increasing and No.1 in World
- Paris Meeting is on track to be a success.
- Sponsorships are still available for Paris Reception and GOTF
- Speaker, Michael Pesin from DOE to speak at the ExCom Meeting
- Focus is on increasing Utility Collective Membership
- GOTF Planning for Chicago in November ongoing - ComEd Host
CIGRE International Update

• CIGRE Membership as Force Multiplier

• CIGRE 2022 Paris Session IS ON!

• CIGRE Marketing, Membership, Brand yields Financial Recovery
  − Digital platform makes CIGRE relevant and sustainable
2021 Membership

2021 National Committees ranking by equivalent membership (1st half)

Equivalent individuals
Equivalent collectives

2022 Growing Well to Date!!

CIGRE Steering Committee meeting, in Zurich (CH), on May 9 & 10, 2022
2021 Membership Profile

CIGRE individual membership pyramid of ages

CIGRE Steering Committee meeting, in Zurich (CH), on May 9 & 10, 2022
The force multiplier effect of membership growth

Financial and technical sustainability

2nd Feedback loop
Increased profile and scale

Improved SC/technical diversity
Enhanced Session registrations
Increased Sponsor appeal

Enhanced membership diversity
Increased web and social traffic

Membership growth
= €

Leads to

CIGRE profile and appeal

1st Feedback loop
Share/like/endorse

= €
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
  - 19% conversion under old system
- Very easy to setup, C.O. support
- 20 NCs participating now
- Aiming for 40+ after the Session
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

why join & join.cigre.org

TB preview videos
Paris Session 2022 IT’S ON!!!

- Registrations ahead of same time in 2018
- 3000+ Delegates Expected (2018 = 3600)
- Exhibition SOLD OUT!
CIGRE Cash Reserves (1/2)

CIGRE Cash Reserves 2014 - 2024 (2022 Paris Session at 2500)

CIGRE Steering Committee meeting, in Zurich (CH), on May 9 & 10, 2022
CIGRE Cash Reserves (2/2)

CIGRE Cash Reserves 2014 - 2024 (2022 Paris Session at 3000)

CIGRE Steering Committee meeting, in Zurich (CH), on May 9 & 10, 2022
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
Advertising and sponsorships hub

- cigre.org>publications
- Promotes our portfolio
  - ELECTRA - sponsorships
  - CSE - sponsorships
  - e-cigre.org – advertising
  - Add others as we go
- Revenue capacity so far 375k€+
Updates to MR site to support growth

• New promotions pages
• New blog and notification system

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

• Energy Transition Expanding Grid Edge, Depth!
  – Technical Council developed Strategic Advisory Group to Scale and Grow

• Membership Growth at 50,000!
  – Scalability, Diversity with More Business Segments Joining

• Sustaining Power System Relevance at the Horizon NOT in the Rear View Mirror
  – CIGRE Practical & Sustainable
Awards & Recognition Committee

1. Elizabeth LaRose – Chair - GE Power
3. Clark Gellings – Consultant
4. Mike Heyeck – Consultant
5. Travis Heintzelman – Burns and McDonnell
6. John McDonald – GE Grid Solutions
7. Rana Mukerji – New York ISO
8. Chris Root – VELCO
9. B. Don Russell – Texas A&M University
USNC
Attwood Associate Award - 2022

– 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 Awards – 2021

Randy Grass, PowerEngineers, Inc.
Chris Kelly, Retired - National Grid
USNC
Dale Douglass Award for Technical Achievement - 2022

– 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 – 2022

Dr. Alex Apostolov, Omicron Energy
USNC
Philip Sporn Award — 2022

– 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 – 2022

Michael Heyeck, The Grid Group, LLC.
“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 — 2022

comedSM
AN EXELON COMPANY
“Sincere appreciation and gratitude for outstanding and ongoing operations support of the activities of the U. S. National Committee and CIGRE from 2009 to present.”
Dr. B. Don Russell, Texas A&M University
Sharon Loe, Texas A&M University
Jessica Meadors, Texas A&M University
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 (VELCO) - 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. Amanda Olson (Burns & McDonnell) – Women In Energy (WIE)
USNC Nominations for 2023

Renewed Appointments

- Mike Heyeck (Grid Group LLC) – USNC Administrative Council Rep & CIGRE Steering Committee, CIGRE International Finance (Treasurer), Past President USNC
- Don Russell (TAMU) – Secretary; VP Administration - Secretariat
- John McDonald (GE Grid Solutions) – VP Technical Activities

New Appointments:

- Marianna Vaiman (V&R Energy) - Chair of Marketing
- John Paserba (Mitsubishi) - Deputy, Technical Activities
## Executive Committee Members at Large - Nominated for Term Ending 2023

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization/Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samuel Barnes</td>
<td>Commonwealth Associates, Inc.</td>
</tr>
<tr>
<td>Robert Carritte</td>
<td>MPR Associates Inc.</td>
</tr>
<tr>
<td>Adrianne Collins</td>
<td>Southern Company Services Inc.</td>
</tr>
<tr>
<td>Jaime De La Ree</td>
<td>Virginia Polytechnic Institute</td>
</tr>
<tr>
<td>Michael Ennis</td>
<td>S&amp;C Electric Company</td>
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<tr>
<td>Adam Keech</td>
<td>PJM Interconnection, LLC</td>
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<tr>
<td>Aaron Lewis</td>
<td>Black &amp; Veatch Corporation</td>
</tr>
<tr>
<td>Cong Liu</td>
<td>Electric Reliability Council of Texas – ERCOT</td>
</tr>
<tr>
<td>Damir Novosel</td>
<td>Quanta Technology</td>
</tr>
<tr>
<td>Andrew Phillips</td>
<td>Electric Power Research Institute</td>
</tr>
<tr>
<td>Chris Root</td>
<td>VELCO</td>
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<tr>
<td>Werner Schweiger</td>
<td>Eversource Energy</td>
</tr>
<tr>
<td>Richard Shaheen</td>
<td>Bonneville Power Administration</td>
</tr>
<tr>
<td>Cliff Thompson</td>
<td>North American Substation Services, LLC</td>
</tr>
<tr>
<td>Junbo Zhao</td>
<td>University of Connecticut</td>
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<tr>
<td>Bill Bojorquez</td>
<td>Hunt Power, L.P.</td>
</tr>
<tr>
<td>Joey Cheng</td>
<td>American Transmission Company</td>
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<tr>
<td>Kevin Curtis</td>
<td>Dominion Energy Virginia</td>
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<td>Ron Duckstein</td>
<td>Sediver USA</td>
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<td>Randy Grass</td>
<td>POWER Engineers</td>
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<td>Robert Kirkland</td>
<td>Leidos</td>
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<td>Keith E. Lindsey</td>
<td>Lindsey Systems</td>
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<td>Jon Marmillo</td>
<td>LineVision</td>
</tr>
<tr>
<td>Sean Murphy</td>
<td>PingThings, Inc.</td>
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<tr>
<td>Robert O’Connell</td>
<td>University of Missouri</td>
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<tr>
<td>David W. Roop</td>
<td>DWR Associates, LLC</td>
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<tr>
<td>Sergio Sagareli</td>
<td>ConEdison</td>
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<tr>
<td>Carol Sedewitz</td>
<td>National Grid</td>
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<tr>
<td>Veselin Skendzic</td>
<td>Schweitzer Engineering Laboratories</td>
</tr>
<tr>
<td>Richard Zhang</td>
<td>University of Illinois @ Urbana Champaign</td>
</tr>
<tr>
<td>Name</td>
<td>Institution/Company</td>
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<tr>
<td>--------------------------------</td>
<td>--------------------------------------------</td>
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<tr>
<td>Khalid Al-Olimat</td>
<td>Ohio Northern University</td>
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<tr>
<td>James Amato</td>
<td>Burns &amp; McDonnell</td>
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<td>Robert Bradish</td>
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<td>Terence Donnelly</td>
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<td>Tom Eyford</td>
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<td>Mike Heyeck</td>
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<td>Elizabeth LaRose</td>
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<td>John McDonald</td>
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<td>John Paserba</td>
<td>Mitsubishi Electric Power Products, Inc.</td>
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<tr>
<td>Dr. R. Ramakumar</td>
<td>Oklahoma State University</td>
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<tr>
<td>Gregory Reed</td>
<td>University of Pittsburgh</td>
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<tr>
<td>Joe Rostron</td>
<td>Southern States, LLC</td>
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<tr>
<td>Mohammad Shahidepour</td>
<td>Illinois Institute of Technology</td>
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<tr>
<td>Eric Stein</td>
<td>PECO Energy</td>
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<tr>
<td>Marianna Vaiman</td>
<td>V&amp;R Energy Systems Research, Inc.</td>
</tr>
<tr>
<td>Gayle Wooster</td>
<td>Power Systems Consultants, Inc.</td>
</tr>
<tr>
<td>Efrain O'Neill-Carrillo</td>
<td>University of Puerto Rico-Mayaguez</td>
</tr>
</tbody>
</table>
USNC – 2021 Finances

**Revenues:**
- Individual Memberships $111,600.00
- Collective Memberships $119,250.00
- Corporate Sponsorships $88,000.00
- Grid of the Future $96,165.86
- Conference Income $415,015.86

**Expenses:**
- Dues to Paris Office $111,621.27
- Administration/Operations $135,528.18
- Conference Expenditures $108,034.36
- Travel $4,082.77
- Marketing $4,420.00

$363,686.58

* Paris session delayed until 2022
USNC – Financial Summary – 2021

(audited and closed)

<table>
<thead>
<tr>
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<th>Budget</th>
<th>Actual</th>
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<tr>
<td>Revenues</td>
<td>$ 291,450.00</td>
<td>$ 415,015.86</td>
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<tr>
<td>Expenses</td>
<td>$ 399,334.06</td>
<td>$ 363,686.58</td>
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<tr>
<td>Net Income</td>
<td>$-107,884.06</td>
<td>$  51,329.28</td>
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</tbody>
</table>

Investments:

Certificates of Deposit: $ 296,124.25
2021 Expense Breakdown

- Conference Expenses - $108,034.36
- Member Fees - $111,621.27
- Administration & Operations - $135,528.18
- Staff travel - $4,082.77
- Marketing - $4,420.00
## USNC Membership

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022*</th>
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<tr>
<td><strong>Individual</strong></td>
<td>548</td>
<td>622</td>
<td>839</td>
<td>943</td>
<td>946</td>
<td>856</td>
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<td><strong>Collective</strong></td>
<td>55</td>
<td>51</td>
<td>53</td>
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<tr>
<td>Principal</td>
<td>(26)</td>
<td>(25)</td>
<td>(24)</td>
<td>(24)</td>
<td>(23)</td>
<td>(26)</td>
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<tr>
<td>Sustaining</td>
<td>(8)</td>
<td>(8)</td>
<td>(10)</td>
<td>(9)</td>
<td>(10)</td>
<td>(13)</td>
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<tr>
<td>Patron</td>
<td>(8)</td>
<td>(5)</td>
<td>(6)</td>
<td>(6)</td>
<td>(8)</td>
<td>(7)</td>
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<tr>
<td>Educational</td>
<td>(13)</td>
<td>(13)</td>
<td>(13)</td>
<td>(10)</td>
<td>(13)</td>
<td>(16)</td>
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</table>

* 2022 Data as of June 28, 2022
Collective – Members 2022  (to date)

Patron Members (7)
AEP Service Corporation  Commonwealth Edison
Dominion Energy  EPRI
GE Grid Solutions/ GE Power  Oracle
Tennessee Valley Authority

Sustaining Members (13)
ConEdison  Doble Engineering
Electric Reliability Council of Texas (ERCOT)
EN Engineering  Eversource Energy
National Grid USA  New York ISO
S&C Electric Co.  Southern States LLC
<table>
<thead>
<tr>
<th>Principal Members (26)</th>
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</thead>
<tbody>
<tr>
<td>American Transmission Co. (ATC)</td>
</tr>
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<td>Bonneville Power Administration</td>
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<tr>
<td>First Energy Corp.</td>
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<tr>
<td>Leidos</td>
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<td>Mitsubishi Electric Power Products</td>
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<td>PJM Interconnections</td>
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<td>Power Systems Consultants</td>
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<td>Schweitzer Engineering Laboratories</td>
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<tr>
<td>Siemens Energy, Inc.</td>
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<tr>
<td>Southern Company</td>
</tr>
<tr>
<td>Vanry + Associates</td>
</tr>
<tr>
<td>Black &amp; Veatch</td>
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<tr>
<td>CTC Global</td>
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<tr>
<td>Hunt Power</td>
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<tr>
<td>LineVision Inc.</td>
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<td>MPR Associates, Inc.</td>
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<td>OMICRON electronics</td>
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<td>Sediver USA</td>
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<tr>
<td>Southern California Edison</td>
</tr>
<tr>
<td>V&amp;R Energy Systems</td>
</tr>
<tr>
<td>VELCO</td>
</tr>
</tbody>
</table>
2022 - Educational Members (16)

Clemson University (sponsored by Dominion)
Harvard University (sponsored by ERCOT)
Illinois Institute of Technology (sponsored by ERCOT)
Kansas State University (sponsored by Burns & McDonnell)
Missouri University of Science & Technology (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 USNC Cigre)
University of Connecticut (sponsored by V&R Energy)
University of Illinois – Urbana Champaign (Sponsored by S&C)
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 and State University (sponsored by Dominion)
Involvement & Opportunities

Within the US Women in Energy (WiE) Group
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
Our Team Today

Mandy Olson
US WiE Chair
akolson@burnsmcd.com

Mallory Mannoni
US WiE Vice-Chair
mallory.mannoni@1898andco.com

Maigha Fnu
US WiE Secretary
maigha@comed.com
<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Company</th>
<th>Email</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>US WIE Chair</td>
<td>Mandy Olson</td>
<td>Burns &amp; McDonnell</td>
<td><a href="mailto:akolson@burnsmcd.com">akolson@burnsmcd.com</a></td>
<td>Jan 21 - Jan 23</td>
</tr>
<tr>
<td>US WIE Vice-Chair</td>
<td>Mallory Mannoni</td>
<td>1898 &amp; Co.</td>
<td><a href="mailto:mallory.mannoni@1898andco.com">mallory.mannoni@1898andco.com</a></td>
<td>Jan 22 - Jan 23</td>
</tr>
<tr>
<td>US WIE Secretary</td>
<td>Maigha Fnu</td>
<td>ComEd</td>
<td><a href="mailto:maigha@comed.com">maigha@comed.com</a></td>
<td>Jan 22 - Jan 23</td>
</tr>
<tr>
<td>US WIE Vice-Chair of Communications &amp; Marketing</td>
<td></td>
<td></td>
<td></td>
<td>OPEN!</td>
</tr>
<tr>
<td>US WIE Vice-Chair of Events</td>
<td>Kate Graves</td>
<td>Quanta Technology</td>
<td><a href="mailto:kgraves@quanta-technology.com">kgraves@quanta-technology.com</a></td>
<td>Jun 22 - Jan 24</td>
</tr>
<tr>
<td>US WIE Vice-Chair of Mentoring &amp; Professional Development</td>
<td></td>
<td></td>
<td></td>
<td>OPEN!</td>
</tr>
<tr>
<td>Member at Large</td>
<td>Beth Larose</td>
<td>GE Power</td>
<td><a href="mailto:elizabeth.larose@ge.com">elizabeth.larose@ge.com</a></td>
<td>Jan 18 - Unlimited</td>
</tr>
</tbody>
</table>
01 Recruit Members
For both the WiE Executive Committee and for general involvement

02 Generate Awareness
Ensure people within CIGRE are aware of WiE activities and benefits

03 Identify Meetings/Events
Expand beyond our historical offerings to potentially include webinars, social gatherings, etc.

04 Identify Awards
Identify new or existing awards for recognizing contributions of Women in CIGRE
What You Can Do

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

Pass along my contact information or send me theirs!

Mandy Olson
US WiE Chair
akolson@burnsmcd.com

akolson@burnsmcd.com
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
- Ladies in CIGRE WGs Country Origins
- Ladies WG Convener Country Origins
<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Travis Heintzelman</td>
</tr>
<tr>
<td>Communications Secretary, newsletter, website</td>
<td>Cammie Polack</td>
</tr>
<tr>
<td>Events</td>
<td>James Berger</td>
</tr>
<tr>
<td>Grid of the Future, international colloquium</td>
<td>Anthony Giacomoni, Aditie Garg</td>
</tr>
<tr>
<td>International Collaboration</td>
<td></td>
</tr>
<tr>
<td>Marketing</td>
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<td>External Focus</td>
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<td>Membership</td>
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<td>Internal Focus</td>
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<tr>
<td>Mentoring</td>
<td>Mallory Droge, Genesis Alvarez</td>
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<td>Working group correspondence</td>
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<td>Professional Development</td>
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<td>Paper competition</td>
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<td>Webinars</td>
<td>Hassaan Idrees</td>
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<td>Social Media</td>
<td>Rebecca Hilderbrand</td>
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2022 NGN Executive Committee

Travis Heintzelman
Anthony Giacomoni
James Berger
Mallory Mannoni
Cammie Polack
Logan Lillis
Hassaan Idrees
Rebecca Hilderbrand
Aditie Garg
Genesis Alvarez
Current Projects
What we are presently working on!
• Mentor/Mentee KMS Collaboration Space
• Webpage Update
• Social Media Outreach
• Student Membership Initiative
• Paper Competition
• Webinars

Areas for International collaboration:
• Professional development events (Technical Sessions/Trainings/Webinars)
2022 NGN Showcase

Background:

• Initially proposed by UK NGN with support from a number of other NGN groups in 2015
• Approved by CIGRE Central Office with the first showcase successfully held during the 2016 Paris Session

Motivation:

• Platform for young professionals to showcase their work to an international CIGRE audience
• Networking opportunities for international NGN members
• Enhancing collaboration among international NGN groups
• Driving sustainable CIGRE membership
2022 NGN Showcase

Rules:

• Each country/NC can submit up to 4 nominations
• Presentations must align with a Paris Preferential Subject
• Presentations must not be based on a paper already submitted/accepted at the Paris Session
• Requested that each SC Chair accept up to 2 presentations or total of 32 presentations across all 16 Study Committees

Selected Candidates Receive:

• 10 minute slot at discussion session in Paris, for the respective Study Committee
• Space at poster session in Paris, for the respective Study Committee
• Paper included in the Paris Session Proceedings
• Free Paris Session ticket
2022 USNC NGN Showcase Participants

Abigail Zafris
Study Committee A3
Monitor Data Management for Asset Failure Prevention

Brian Obermeier
Study Committee B2
Case Study: Measuring the Size of Electrical Conductors using Lidar Scanning
2022 USNC NGN Showcase Participants

Kristine Engel
Study Committee B2
*An Empirical Analysis of the Operational Efficiencies and Risks Associated with Static, Ambient Adjusted, and Dynamic Line Rating Methodologies*

Aditie Garg
Study Committee C6
*Behind-the-Meter PV Estimation for Grid Awareness and Enhanced Visibility*
Want to get involved or know someone who does?

- Mentors
- Webinars
- Content Generation
- Events
- Paper Competition
- Etc.

Travis Heintzelman

trheintzelman@burnsmcd.com

https://cigre-usnc.org/young-members-ngn/
U.S. Regular Members to CIGRE Study Committees & Appointment Dates

• A1-Hugh Zhu (Consultant) - 2018
• A2-Mike Lamb (Dominion Energy) – 2018
• A3-Albert Livshitz (CE Power) – 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-None
- C4-None
- C5-None
- C6-None
- D1-Bill Larzelere (Evergreen High Voltage) – 2018
- D2-None
2022 Synopses Selection Process for Paris Session

1. 80 Abstracts Received and Forwarded to USNC Study Committee Reps for their Advisory Committee Review (75 Received for 2020; 47 for 2018; 48 for 2016)

2. Abstracts Reviewed and Scored 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)

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

- Call For Papers
  - Theme: Technology for the 21st Century Electric Utility
- No Abstract Step – Full Papers Only – Submitted by July 31, 2022
- Use Paper Preparation Template
- Papers Reviewed in August
- Reviewer’s Comments Incorporated in September
- 25 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)
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
- 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, set up a “Shadow WG” within the USNC
Experts and positions per country
Ladies in CIGRE WGs

25 first countries

- Experts F
- Positions F
- Rate ladies/total country experts
Upcoming Cigre Events

**Cigre Paris Session 2022**
28 August to 2 September
Palais des congrès de Paris

**Grid of the Future 2022**
November 7 - 10, 2022
Chicago, IL