US National Committee
NGN Benefits and Mentoring Program Webinar
Agenda

- Benefits of CIGRE Membership
- CIGRE Study Committees
- USNC Representatives to CIGRE Study Committees
- 2020 CIGRE Paris Session USNC Synopses Selection Process
- CIGRE USNC 2019 GOTF Paper Submission and Evaluation Process
- CIGRE USNC NGN Mentoring Flowcharts – Old vs New Process Steps
- Working Groups Member Selection Process
- CIGRE WG and Convener Origins
- Ladies in CIGRE WGs Origins
- Ladies in CIGRE WG Convener Origins
Benefits of CIGRE Membership

• Global Perspective and Understanding of Technology
  – Regional Differences (business case, industry standards, customer needs)
  – WG Participation

• Leadership Opportunities
  – NGN Leadership Positions
  – USNC Leadership Positions

• Networking Opportunities
  – NGN Colleagues
  – Senior Colleagues

• International Travel Opportunities
  – Attend CIGRE Paris Session every Two Years (even years)
  – Many WG/SC Meetings Held Outside North America
CIGRE Study Committees

- A1-Rotating Electrical Machines
- A2-Power Transformers & Reactors
- A3-Transmission & Distribution Equipment
- B1-Insulated Cables
- B2-Overhead Lines
- B3-Substations & Electrical Installations
- B4-DC Systems & Power Electronics
- B5-Protection & Automation
CIGRE Study Committees

• C1-Power System Development & Economics
• C2-Power System Operation & Control
• C3-Power System Environmental Performance
• C4-Power System Technical Performance
• C5-Electricity Markets & Regulation
• C6-Active Distribution Systems and Distributed Energy Resources
• D1-Materials and Emerging Test Techniques
• D2-Information Systems & Telecommunication
USNC Representatives to CIGRE Study Committees

- A1-Bill Moore (EPRI)
- A2-Mike Lamb (Dominion Energy)
- A3-Albert Livshitz (CE Power)
- B1-Mohammad Pasha (United Illuminating)
- B2-Jennifer Havel (BPA)
- B3-John Randolph (PG&E)
- B4-Neil Kirby (GE Grid Solutions)
- B5-Rich Hunt (GE Grid Solutions)
USNC Representatives to CIGRE Study Committees

- C1-Jeff Palermo (PJP Consulting)
- C2-Todd Ramey (MISO)
- C3-Randy Grass (POWER Engineers)
- C4-Theo Laughner (PowerGrid-RX Inc.)
- C5-Adam Keech (PJM Interconnection)
- C6-Jason Taylor (EPRI)
- D1-Luke Van der Zel (EPRI)
- D2-Chen-Ching Liu (Virginia Tech)
USNC Additional Members to CIGRE Study Committees

- A1-Hugh Zhu (Doble Engineering)
- A2-None
- A3-None
- B1-Rusty Bascom (Electrical Consulting Engineers)
- B2-Doug Proctor (Proctor Engineering)
- B3-None
- B4-David Roop (MEPPI)
- B5-Mladen Kezunovic (Texas A&M University)
USNC Additional Members to CIGRE Study Committees

- C1-Russ Gentile (Sargent & Lundy)
- C2-None
- C3-Regina-Guofang Gao (ABB) (Observer)
- C4-None
- C5-None
- C6-Sundar Venkataraman (GE Power)
- D1-Bill Larzelere (Evergreen High Voltage)
- D2-None
2020 CIGRE Paris Session
USNC Synopses Selection Process

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

2. Abstracts Reviewed and Scored with Following Criteria:
   - Relevance to SC Preferential Subjects
   - Technical Content
   - Clarity of Synopsis
   - Avoid Commercialism

3. Abstract Recommendations Combined and Overall Ranking Created with the Following Criteria:
   - Balance Between SCs and Preferential Subjects
   - Highest Recommendations of Reviewers
   - International, National and Additional Commitment Allotments Requirements

4. 60 Synopses Submitted to Paris (Acceptance Notification on October 15)

5. Historical Acceptance Rate: 27/30 (90%) Accepted for 2018, 93% for 2016, 87% for 2014, 83% for 2012
CIGRE USNC 2019 GOTF Paper Submission Process

• Call For Papers
  − Theme: Technology for the 21st Century Electric Utility
• No Abstract Step – Full Papers Only – Submitted by August 9, 2019
• Use Paper Preparation Template
CIGRE USNC 2019 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)
Next Generation Network (NGN) Activities – Mentoring

Old Methodology:

1. Working Group Announcement
2. Wait for an individual to contact you
3. Reach out to an individual you think may fit
4. USNC Technical Activities Chair reaches out to Convener

New Methodology:

1. NGN members fill out survey on topic and participation interest
2. Interest is noted on members profile
3. Working Group Announcement
4. Contact Individual Technical Activities Chair based on Users Profile
5. USNC Technical Activities Chair reaches out to Convener
6. Feedback on Working Group Participation
Working Groups Member Selection Process

• Interested candidates must have Individual Member dues paid and send CV
• USNC VP, Technical Activities VP submits candidate’s CV directly to Convener
• USNC VP, Technical Activities VP requests Convener to confirm candidates' membership
• Expectation => Members and NGN Members attend WG meetings; Observer Members participate in WG meetings remotely
• If more than two candidates are interested in same WG, USNC VP, Technical Activities VP establishes a “Shadow WG” within the USNC
• CIGRE Policy => Limit of one Member and one NGN Member from each country on each CIGRE WG (if have an Observer Member must be in place of a Member or NGN Member)
Synthesis of the 2018 Review

20 first countries

Experts

WG positions
Working Group Conveners’ Origins

On Jan. 1, 2019
Place of Women in CIGRE

Ladies in CIGRE WGs

25 first countries

Experts F
Positions F
Rate ladies/total country experts
Place of Women in CIGRE

Ladies Conveners

FR  US  CN  DK  DE  GB  IE  NL  BE  ES  FI
Thank you!

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