



cigre

For power system expertise

CIGRE UK AGM 2023

14th November 2023

Agenda for CIGRE UK Annual General Meeting



1. Introduction
 - Apologies for absence
 - Compliance
 - Diversity, Equity and Inclusion Moment
2. Minutes of meeting held on 22nd November 2022 including review and follow up on the actions arising from the meeting
3. CIGRE Operational Issues:
 - Proposal for change to CIGRE UK legal status and operating structure.
 - Introduction of Ambassador programme
4. CIGRE Business
 - Appointment of Chair and Vice Chair
 - Appointment of Executive Committee and Chairs of the Executive Committee Working Groups
 - Nomination of Regular Members for 2022 to 2024
 - Report on the selection of papers for the forthcoming session
 - Nominate the CIGRE UK representative to the Administrative Council/Steering Committee

Agenda for CIGRE UK Annual General Meeting



5. Report from the Finance Committee
 - The Accounts for 2023
 - Fees for next year
 - New Methods of Payment
 - 2024 Budget and 2 year lookahead
6. Reports from Executive Committee Meeting Working Groups, Sections and Activities
 - Events and Marketing Activity 2023/24
 - Membership
 - Next Generation Network
 - Technical
 - Women in Energy
7. Any Other Business
 - Draw for prize winner for completing survey.
 - Nominations for Distinguished Member Award

Apologies for Absence, Compliance & DEI Moment

1. Apologies for Absence
2. Compliance:
 - Agreement to the CIGRE Terms of Reference around Compliance
 - Everyone to sign the attendance form
3. Diversity, Equity and Inclusion Moment: David Meadows

Diversity, Equity and Inclusion moment



DE&I - The changes the LGBTQIA+ community wants to see at work



Evie Worsnop, Wed 28th June 2023

tokenism

the practice of making only a perfunctory or symbolic effort to do a particular thing, especially by recruiting a small number of people from under-represented groups in order to give the appearance of sexual or racial equality within a workforce.

rainbow-washing

the act of using or adding rainbow colours and/or imagery to indicate progressive support for LGBTQ+ equality, but with little to no actual effort or result for the queer community.

DE&I – Listening to the community



Jeremy Reis, Explore Startups, July 23

Desired workplace changes	% of respondents
Clear anti-discrimination policies	92%
Inclusivity and sensitivity training for all employees	85%
Comprehensive healthcare that includes transgender healthcare needs	81%
LGBTQIA+ representation in leadership roles	78%
Gender-neutral bathrooms	72%
Workshops discussing LGBTQIA+ rights and issues	69%

What the LGBTQIA+ Community Wants for a More Inclusive Workplace
(500 participants, survey by Explore Startups)



DE&I - Trans-inclusive policies



Joanne Lockwood, SEE Change Happen, July 23

- **Bullying and harassment policy:** Having a clear policy in place for bullying and harassment helps to protect trans employees against transphobic behaviour. It could include having a detailed explanation of what constitutes transphobic behaviour, practical examples of this and guidance on how to report incidents.
- **Transitioning at work policy:** This helps to provide guidance for trans employees who wish to transition, or have transitioned, at work. It could include advice for line managers and HR staff, and the accommodations needed for an organisation to make after someone has transitioned.
- **Family leave policy:** This ensures that all members of the LGBTQIA+ have equal rights regarding issues such as family leave, special leave and adoption. It could include guidance on [gender identity language](#) and the importance of your employees familiarising themselves with this to ensure that discussions around family are inclusive.
- **Recruitment policy:** It is important to ensure that your recruitment policy is inclusive to all and that it does not limit your organisation's ability to recruit and retain transgender employees.
- **Non-discrimination policy:** Funders for LGBTQ Issues provide advice and a [sample text](#) to help you know what kinds of language to use when writing your policy.

Only three in ten managers [reported to CMI](#) that they have senior leaders who publicly identify as LGBTQIA+ – and just four in ten felt that they had visible LGBTQIA+ role models.





Previous minutes and actions

1. Acceptance as true and accurate record
2. Review of Actions – see next slide

Actions from 22nd November 2022 meeting



Review of Actions from 22nd November 2022 Annual General Meeting				
No.	Min ref	Action	Responsible	Status
1	5a	Issue membership survey including questions on Paris session	Darren Jones	Done
2	6a	Submit or encourage Colleagues to submit extract for Colloquium	All	Done
3	7a	Add to the Net Zero Resource library	All	Ongoing



CIGRE Operational Issues

Agenda Item 3a) - Proposal for change to CIGRE UK legal status and operating structure



Proposed New Legal Status

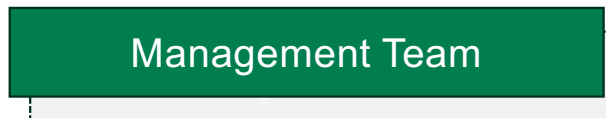
- Advice sourced from Tozers (lawyers) on incorporation options
 - Clear recommendation to incorporate as a Company Limited by Guarantee (CLG)
 - Limits exposure: avoiding current operating liabilities/risks
 - Creates a professional and practical operating structure
- Advice sourced from Francis Clark (accountants) on tax position
 - No change to the tax status of CIGRE UK on incorporation
 - Due to CIGRE UK's 'not-for-profit' status, the majority of CIGRE's income (and therefore profits) is outside the scope of Corporation Tax
 - Interest income however will always be subject to corporation tax
 - Incorporating will bring annual reporting requirements – annual filing obligations with HMRC and Companies House
 - No tax charge for CIGRE UK when transferring bank balance into new incorporated company.

Agenda Item 3a) – Proposal for change to CIGRE UK legal status and operating structure



Proposed new operating structure

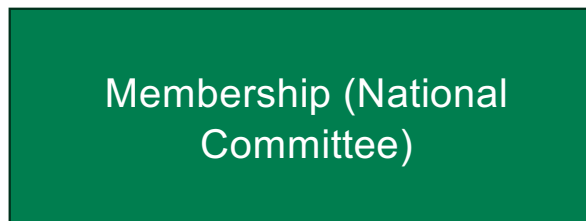
- Paper on the proposed new operating structure shared for pre-reading
- This supports the proposed change of legal status, permitting appropriate legal requirements of a CLG and more efficient operation
- New operating structure is formalising something that has already existed
- Aligns better to operation of Central Office
- Briefing paper summarises:
 - Rationale for the change
 - Proposed structure and operation
 - Pros and cons
 - Accountability and transparency of operation
- Proposal to have three 'levels'



- Accountable to full membership
- Day-to-day running of Cigre UK

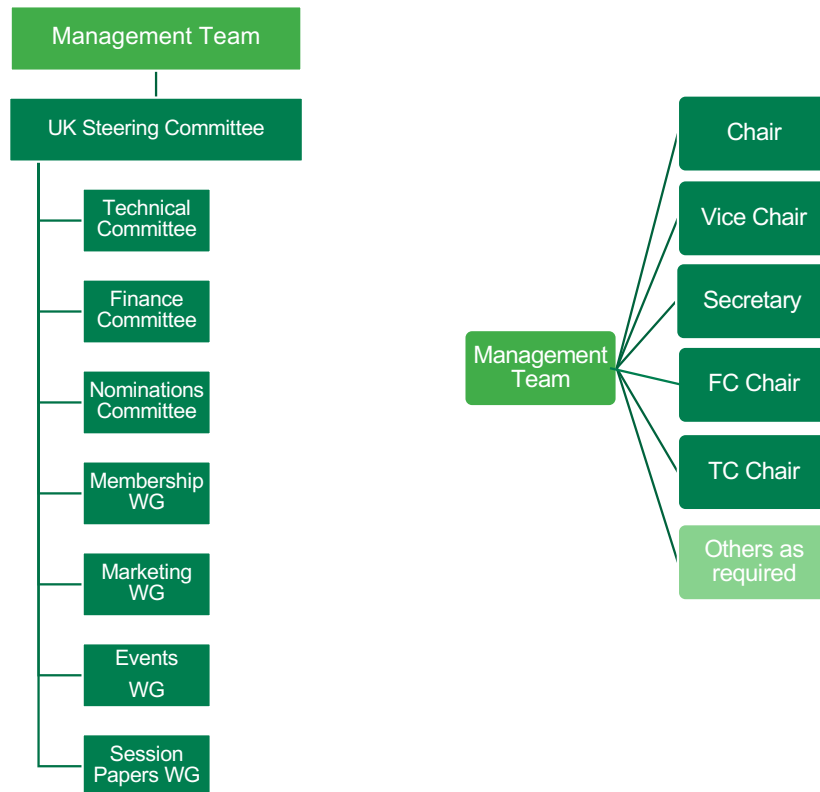


- Renamed Exec. Committee
- Focused on core purpose of Cigre UK and less on administration



- Constituted of individual and collective memberships

Proposed new operating structure



- The core Management Team would be the chair, vice chair, secretary, FC Chair and TC chair.
- Other members of the UK Steering committee would be invited to Management Team meetings as required to input to discussions and support the Management Team decisions.
- Management Team meetings would be convened throughout the year as required.
- UK Steering Committee meetings would continue as at present at a frequency agreed by the UK Steering Committee. This is currently four meetings per year. Given more time available for non-administrative items the UK Steering Committee might consider changing the frequency.
- The Management Team would operate in accordance with the constitution of the National Committee and the rules set by the UK Steering Committee

Agenda Item 3b) - Introduction of Ambassador Programme



The Programme: Launched today

This program aims to engage individuals within CIGRE UK's Collective membership (both Companies and Academic Institutions) and recognise them as champions for CIGRE. Ambassadors will serve as a link between their organisation and CIGRE/CIGRE UK, promoting the benefits of engagement in CIGRE.

Qualification to be an Ambassador

- To qualify as an Ambassador, an individual must work or study at a specific Collective organisation and be willing to undertake the responsibilities below: -
 - Disseminating CIGRE/CIGRE UK notices, activities, and events within their organisation. Note that Ambassadors will receive this information through official channels.
 - Champion the benefits of CIGRE membership, including but not limited to, how to engage in technical Working Groups, providing guidance on accessing resources (such as e-cigre), and encouraging the submission of papers to technical sessions and events.
 - Ambassadors will be provided the support necessary to deliver their responsibilities.

Application to be an Ambassador

- Candidates interested in becoming Ambassadors can apply by completing a questionnaire at <https://form.jotform.com/233093462500347>. Applications will be reviewed, and appointments made by the CIGRE UK Executive member responsible for nominations. The appointments are for a two-year term.

CIGRE Business



4a) Appointment of Chair and Vice Chair of CIGRE UK

- Clause 1.4.2: Chair and Vice-Chair (Pre-Session AGM)
- The term of office of the Chair and Vice-Chair shall be for a period of two years and they shall be eligible for re-election on not more than two occasions.
- Proposal:
- Mark Waldron has been Chair for two years and is eligible for re-election. Propose that Mark Waldron continues as Chair for the period 2024 to 2026.
- Jonathan Chapman has been Vice Chair for two years and is eligible for re-election. Propose that Jonathan Chapman continues as Vice Chair for the period 2024 to 2026.

4b) Appointment of Executive Committee and Chairs of Working Groups



- Clause 1.4.2: Executive Committee (Pre-Session AGM)
- The AGM will elect the CIGRE-UK Executive Committee for the following two-year period:
- The Executive Committee membership remit is:
- Able to commit the necessary time to undertake either WG Chair; Officer or WG active participant
- Will actively lead an event during their two-year tenure.
- The Working Group leaders are shown on the next slide.

4b) Appointment of Executive Committee and Chairs of Working Groups



Executive Working Group	Nominee for Chair
Nominations Committee	Chris Jones
Marketing/Communications	Tim Miles
Finance Management Committee	Jonathan Chapman
Financial Controller	Ben Smith
UK Technical Committee	Ray Zhang
Membership	Darren Jones
NGN	Jianing Li
Women in Energy	Biljana Stojkovska

4b) Appointment of Executive Committee and Chairs of Working Groups



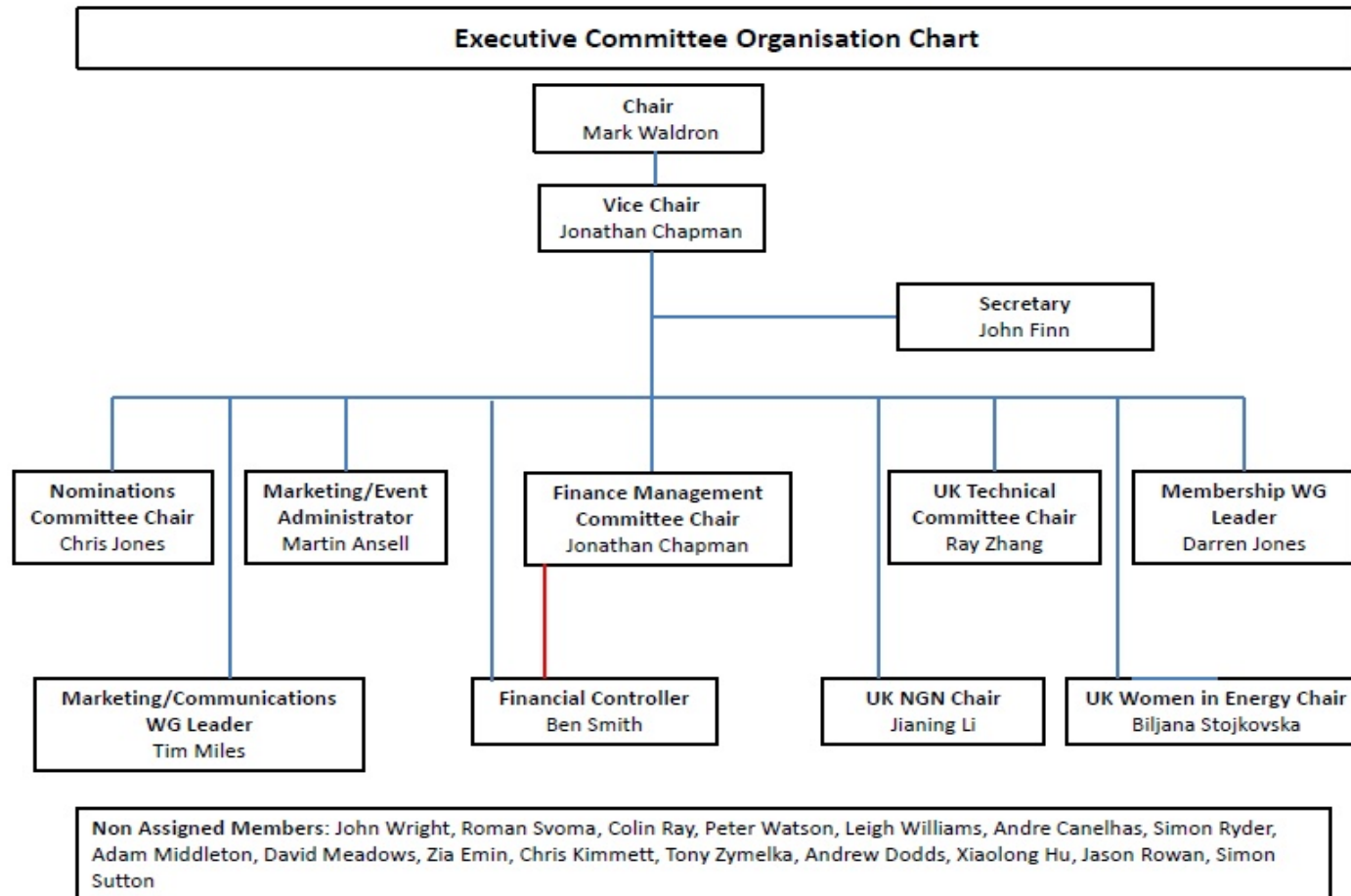
In addition to the Working Group Chairs the following Members (listed below) have put themselves forward:

Proposed Members:

John Wright, Roman Svoma, Colin Ray, Peter Watson, Leigh Williams, Andre Canelhas, Simon Ryder, Adam Middleton, David Meadows, Zia Emin, Chris Kimmett, Tony Zymelka, Andrew Dodds, Xiaolong Hu, Jason Rowan, Simon Sutton, Martin Ansell
Other Members may also put themselves forward

The overall organisation chart for the Executive Committee is shown on the next slide.

4b) Appointment of Executive Committee and Chairs of Working Groups



4c) Nomination of Regular Members for 2024 to 2026

SC	Subject	Existing Regular member	Start date	Proposed for 2024-26	Comments
A1	Rotating Electrical Machines	Steve Mitchell RWE steve.mitchell@rwe.com	2018	Ask for proposal	
A2	Power Transformers and Reactors	Zhongdong Wang University of Exeter Zhongdong.Wang@exeter.ac.uk	2020	Zhongdong Wang University of Exeter Zhongdong.Wang@manchester.ac.uk	Agreed to stay on
A2	Power Transformers and Reactors Additional Member	Elizabeth Mackenzie Threepwood Consulting elizabeth.a.mackenzie@btinternet.com	2020	Elizabeth Mackenzie Threepwood Consulting elizabeth.a.mackenzie@btinternet.com	Agreed to stay on
A3	Transmission and Distribution Equipment	Matthew Iles National Grid matthew.iles@nationalgrid.com	2022	Matthew Iles National Grid matthew.iles@nationalgrid.com	Agreed to stay on
B1	Insulated Cables	Dr. James Pilgrim Orsted japil@orsted.co.uk	2020	Dr. James Pilgrim Orsted japil@orsted.co.uk	Agreed to stay on

4c) Nomination of Regular Members for 2024 to 2026

SC	Subject	Existing Regular member	Start date	Accepted for 2024-26	Comments
B2	Overhead Lines	Konstantinos Kopsidas University of Manchester K.Kopsidas@manchester.ac.uk	2020	Konstantinos Kopsidas University of Manchester K.Kopsidas@manchester.ac.uk	Agreed to stay on
B3	Substations and Electrical Installations	Mark Osborne National Grid mark.osborne@nationalgrid.com	2018	Tony Lujia Chen University of Manchester lujia.chen@manchester.ac.uk	Nominated by Mark Osborne
B4	DC Systems and Power Electronics	Dechao Kong National Grid Dechao.kong.dipsi20@said.Oxford.edu	2020	Dechao Kong National Grid Dechao.kong.dipsi20@said.Oxford.edu	Agreed to stay on
B4	DC Systems and Power Electronics Additional Member	James Yu Scottish Power Energy Networks yugem@hotmail.com	2018	Ali Kazerooni Energy Innovation Centre ali.kazerooni@gmail.com	Proposed by James YU
B5	Protection and Automation	John Wright GE Grid Solutions john.w.wright@ge.com	2020	John Wright GE Grid Solutions john.w.wright@ge.com	Agreed to stay on
C1	Power System Development and Economics	Bless KURI SSEN Transmission bless.kuri@sse.com	2024	Bless KURI SSEN Transmission bless.kuri@sse.com	Agreed to stay on
C2	Power System Operation and Control	Ronan Jamieson Baringa Ronan.Jamieson@baringa.com	2020	Ask if willing to stay on	Awaiting decision of Company

4c) Nomination of Regular Members for 2024 to 2026

SC	Subject	Existing Regular member	Start date	Accepted for 2024-26	Comments
C3	Power System Environmental Performance			Need new proposal	
C4	System Technical Performance	Spyros Karamitsos Scottish and Southern Energy spyros.karamitsos@ieee.org	2020	Spyros Karamitsos Scottish and Southern Energy spyros.karamitsos@ieee.org	Agreed to stay on
C5	Electricity Markets and Regulation	Tahir Ramzan tramzan0@gmail.com	2020	Advised that he wishes to step down	Need new proposal
C6	<u>Active Distribution Systems and Distributed Energy Resources</u>	Jun Liang Cardiff University LiangJ1@cardiff.ac.uk	2022	Jun Liang Cardiff University LiangJ1@cardiff.ac.uk	Agreed to stay on
D1	Materials and Emerging Test Techniques	Thomas Andritsch Southampton University T.Andritsch@soton.ac.uk	2022	Thomas Andritsch Southampton University T.Andritsch@soton.ac.uk	Agreed to stay on
D2	Information Systems and Telecommunications	Thomas Charton National Grid Thomas.Charton@nationalgrid.com	2022	Jianing Li WSP jianing.li@wsp.com	Proposed by Thomas Charton

4d) – Report on Selection of Papers for the upcoming Session

- The initial submission of the synopses were due on 4th June 2023. A short extension was given for some synopses which were produced a little late. In all 56 synopses were received.
- The 56 synopses were reviewed by the Session Papers Committee and the relevant Regular Members and the authors advised of acceptance/rejection and any comments on their synopsis by 23rd July 2023. Two synopses were rejected as they did not meet the standard required.
- The authors were requested to resubmit their synopsis by 20th August taking into account the comments which had been made.
- At this stage two authors withdrew their synopsis. One because they wanted the lead author to be someone who was not from UK and they submitted via the French National Committee. The other because the work was not progressing fast enough for him to prepare the paper.
- The remaining 52 synopses were received taking account of the comments and these were uploaded into the Central Office ConfTool by 26th August 2023 which was the deadline date.
- Following review by the Study Committees 5 synopses were rejected.
- A summary of the accepted submissions is shown on the next slide.

4d) – Report on Selection of Papers for the upcoming Session

Summary of Synopses Submitted					
Study Committee	Submitted	Rejected UK	Rejected SC	Withdrawn	Total
A1	0	0	0	0	0
A2	6	1	0	1	4
A3	2	0	0	0	2
B1	5	0	0	0	5
B2	3	0	0	0	3
B3	3	0	0	0	3
B4	5	0	0	1	4
B5	6	0	1	0	5
C1	6	0	0	0	6
C2	4	0	2	0	2
C3	1	1	0	0	0
C4	8	0	2	0	6
C5	0	0	0	0	0
C6	7	0	0	0	7
D1	0	0	0	0	0
D2	0	0	0	0	0
Total	56	2	5	2	47

One C4 synopsis was transferred to C2 but then rejected.

4e) Nominate the CIGRE UK representative to the Administrative Council/Steering Committee



- It is proposed that Mark Waldron be nominated as the UK representative on the Steering Committee.
- It is proposed that Jonathan Chapman is nominated as his substitute.

Report from the Finance Committee



5 – Report from the Finance Committee

- a) The Accounts for 2023
- b) Fees for next year
- c) New Methods of Payment
- d) 2024 Budget and 2 year lookahead

5a) 2023 Accounts to date

	2023 Budget as at 01/01/23 (£)	2023 Budget Reforecast (£)	Commentary on variance to 2023 Budget
Membership (Net Surplus / Loss)	68,950	82,638	2023 memberships above expectations.
Events (Net Surplus / Loss)	(1,772)	(2,851)	Small variance relating to colloquium.
NGN (Net Surplus / Loss)	(4,500)	(1,263)	Under budget - looking at ways to increase spend going forwards.
Women's Network (Net Surplus / Loss)	(3,000)	0	Under budget: no spend in year, events held virtually.
Marketing (Net Surplus / Loss)	(27,366)	(24,591)	Small variance to budget despite slight increase in website refresh costs.
Diversity and Inclusion (Net Surplus / Loss)	(1,000)	(384)	Under budget: DEI training only expense
Technical (Net Surplus / Loss)	(33,000)	(5,882)	Under budget - looking at ways to increase spend going forwards.
Admin & Logistics (Net Surplus / Loss)	(27,444)	(26,544)	In line with budget, with more interest received on cash than forecast.
Discretionary Spend (Net Surplus / Loss)	0	0	
Cost of incorporation - Discretionary (Net Surplus / Loss)	0	(1,500)	Legal/accounting advice costs associated with incorporation proposal.
Total CIGRE UK (Net Surplus / Loss)	(29,132)	19,623	
Opening Reserves	151,477	151,477	
Closing Reserves	122,345	171,100	

5b) Fees for 2024 (0% increase)



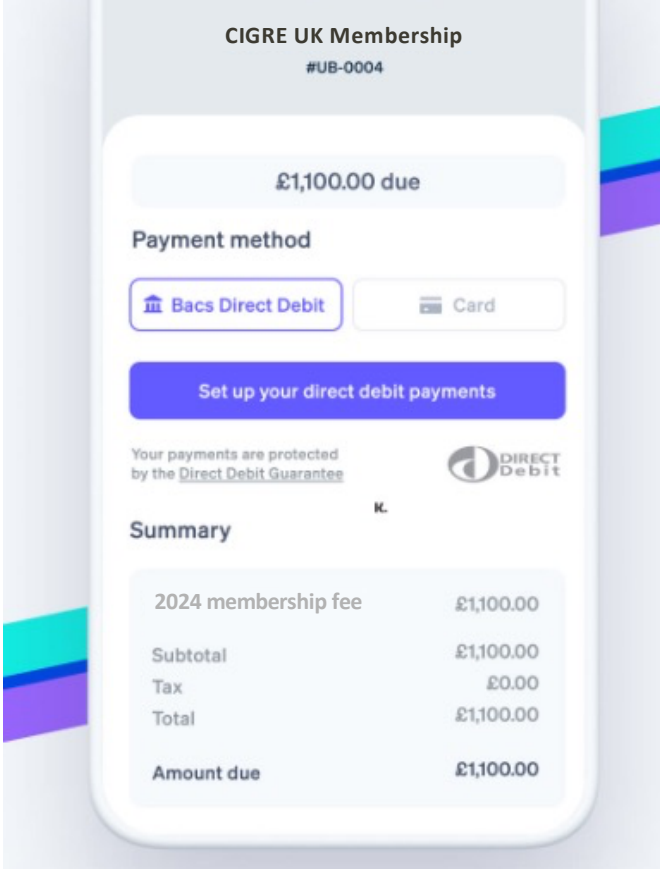
CIGRE UK 2024 Rates						
Category	UK Proportion	UK VAT	Paris Proportion	Total Membership Rate	Membership Rate Increase	
C1A	£2,715	£543	£847	£4,105	0%	
C1B	£1,605	£321	£847	£2,774	0%	
C1C	£218	£44	£551	£812	0%	
C2	£219	£44	£263	£525	0%	
IM1	£29	£6	£80	£115	0%	
IM2	£14	£3	£40	£57	0%	

5c) New methods of payment

1. Stripe replacing Paypal

2. Direct Debit collection through Stripe integrated into our refreshed website

3. Bank transfer option remains




CIGRE UK Membership
#UB-0004

£1,100.00 due

Payment method

Bacs Direct Debit Card

Set up your direct debit payments

Your payments are protected by the [Direct Debit Guarantee](#) 

Summary

2024 membership fee	£1,100.00
Subtotal	£1,100.00
Tax	£0.00
Total	£1,100.00
Amount due	£1,100.00

5d) Budget for 2024-26: 0% increase in (UK portion of) memberships each year



	2023 Budget Rerecast (£)	2024 Budget (£)	2025 Budget (£)	2026 Budget (£)	Commentary on business plan 2024-26
Membership (Net Surplus / Loss)	82,638	88,888	89,707	90,527	Membership numbers and rates forecast to increase.
Events (Net Surplus / Loss)	(2,851)	(25,312)	(26,883)	(31,332)	2024 and 2026 are Paris years, 2025 planning a University Tutorial event. Optionality to charge for events if funds are required.
NGN (Net Surplus / Loss)	(1,263)	(8,000)	(4,200)	(8,820)	2024 and 2026 include Paris bursaries. Remaining balance primarily for engagement at STEM events, site visits and seminars.
Women's Network (Net Surplus / Loss)	0	(6,000)	(6,300)	(6,615)	WiE expect to hold two in person events per year from 2024 onwards.
Marketing (Net Surplus / Loss)	(24,591)	(20,173)	(21,182)	(22,241)	Marketing support for events. A slight decrease going forwards due to non-recurrence of website refresh spend.
Diversity and Inclusion (Net Surplus / Loss)	(384)	(1,000)	(1,050)	(1,103)	For example on training modules.
Technical (Net Surplus / Loss)	(5,882)	(33,000)	(34,650)	(36,383)	Funding for hosting of events, bursaries for students/retired members, travel to/from events.
Admin & Logistics (Net Surplus / Loss)	(26,544)	(18,944)	(22,446)	(26,219)	Costs include secretary fees, audit costs and general ongoing admin costs, less interests received on our bank balance.
Discretionary Spend (Net Surplus / Loss)	0	(5,000)	(10,000)	(10,000)	Excess capital for Exec to direct, e.g. on cost of incorporation.
Cost of incorporation - Discretionary (Net Surplus / Loss)	(1,500)	(3,500)	0	0	£5,000 total cost with £1,500 paid in 2023 for legal/accounting advice.
Total CIGRE UK (Net Surplus / Loss)	19,623	(32,041)	(37,003)	(52,184)	

Opening Reserves	151,477	171,100	139,059	102,056
Closing Reserves	171,100	139,059	102,056	49,872

Note 1: Costs generally assume an inflation rate of 5%.

Note 2: All figures are exclusive of VAT.

Reports from the Executive Committee Working Groups, Sections and Activities



6. Reports from Executive Committee Meeting Working Groups, Sections and Activities



- 6a Events and Marketing Activity 2023/24
- 6b Membership
- 6c Next Generation Network
- 6d Technical
- 6e Women in Energy

6a) Events and Marketing Activity

Events & Promotional Activities | 2023



CIGRE UK NGN AGM – HYBRID MEETING 4TH DEC 10:00-15:30
 Join us for the annual CIGRE UK Next Generation Network (NGN) Annual General Meeting (AGM) on Monday 04 Dec 2023 at 10:00 AM. This exciting event will be held at...



CIGRE NGN UK & NL WEBINAR – DATA INTEROPERABILITY & COMMON INFORMATION MODEL | 3RD NOV
 As we move towards the energy transition the data ecosystems, data landscape is changing so drastically, there is more crucial need for data co-ordination, exchanges and collaboration between different actors...



AN INTRODUCTION TO SSEN'S HVDC PROJECT AQUILA AND ITS CONCEPTS
 In this webinar you will hear what Project Aquila is, how it came about, and the specific vendor agnostic approaches to DC network delivery, control and testing it is seeking...



CIGRE UK MEMBERSHIP SURVEY 2023 | WIN AN IPAD MINI
 CIGRE UK Membership Survey CIGRE UK wishes to hear from its members to improve on what it does. If you are part of CIGRE UK as an Individual Member (including...



CIGRE UK WEBINAR | LV ENGINE: HYBRID AC-DC NETWORKS | PRESENTATION & WEBINAR VIDEO
 SP Energy Networks have been conducting a uniquely innovation project, LV Engine, using power electronic technologies within secondary substations to deliver different functionalities which are key for transition to Net...



CALL FOR PRESENTERS: CIGRE UK MONTHLY WEBINAR SERIES 2024
 | The Opportunity | CIGRE's primary purpose is to allow engineers, specialists and thought leaders from all around the world to exchange information and enhance their knowledge related to power...



CIGRE B5/D2 LIAISON | MEETING 22ND NOVEMBER – GE GRID SOLUTIONS STAFFORD
 About: The purpose of the meeting, is to provide a high-level overview of the ongoing activities in CIGRE related to Study Committee B5 (Protection and Automation) and D2 (Information systems)...



YOUNG MEMBERS SHOWCASE COMPETITION 2024 – CALL FOR ABSTRACTS
 The CIGRE Paris Session is a leading international event in the power industry, gathering worldwide experts to discuss and learn about the industry's future. CIGRE Session 2024 will take place...



CIGRE UK AGM & TECHNICAL CONFERENCE
 Members of CIGRE UK are welcome to join our AGM & Technical Conference on Tuesday 14th November 2023, taking place at the IET Austin Court Birmingham. The theme of...



CIGRE UK TECHNICAL WEBINAR – IMPROVE OPERATIONS WITH AI/ML POWERED ANALYTICS | PRESENTATION & WEBINAR VIDEO
 During this session current techniques commonly used to manage grid operations and system alarms was reviewed and how incorporating AI/ML techniques could be used to gain additional value from data...



CIGRE B1/D1 LIAISON MEETING | 3RD OCTOBER, HYBRID EVENT – LONDON & WEBEX
 About: The annual Cigre B1 UK Technical Liaison meeting will be held as a Hybrid Meeting on October 3rd. The purpose of the meeting is to provide a high level...










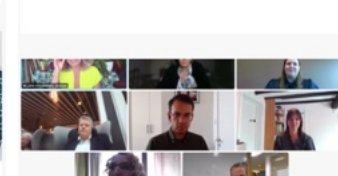




CIGRE UK B4 LIAISON MEETING | 4TH OCTOBER 2023 | NOW JUST ONLINE
 About: The purpose of the meeting, is to provide a high-level overview of the ongoing activities in CIGRE related to Study Committees B4 (DC Systems & Power Electronics) led by...

Technical Webinars | Regular Member Liaison Meetings | Themed Events | Support for NGN & WiE Activity

6a) Events and Marketing Activity










Events & Promotional Activities | 2023

 <p>HOLD THE DATE! CIGRE UK Annual Meeting Day 2023 Tuesday 14th November 2023 11:00 – 18:30 Venue: The IET Austin Court, Birmingham Outline for the day Annual General Meeting Networking...</p>	 <p>PROGRAMME FOR THE PREPARATION OF PAPERS FOR PARIS SESSION 2024 Find below the schedule to be followed for the preparation of papers for Paris Session 2024. For questions please contact John Finn at secretary@cigre.org.uk</p>	 <p>COLLABORATION IN THE NORTH SEA POWERHOUSE: GERMANY ENERGY SECURITY About this Event With the signing of the Esbjerg declaration in May 2022 by Belgium, Denmark, Germany and the Netherlands collaboration in the North Sea has become reality. A...</p>	 <p>SC B4 NEWSLETTER – JUNE 2023 EDITION Another edition of the B4 Newsletter brimmed full of information (see the table of contents below). To read the Newsletter click on the link below B4 Newsletter June 2023</p>	 <p>DATA SCIENCE AND NEXT GENERATION COMMUNICATIONS IN ELECTRICITY NETWORKS: EVENT PRESENTATIONS CIGRE UK's conference on Data Science and Next Generation Communications in Electricity Networks, kindly hosted by Arup, took place on Friday 30th June in London. The event featured expert speakers who discussed...</p>	 <p>HOW THE TRANSITION TO NET ZERO CAN SUCCEED – VIDEOS & PRESENTATIONS On Monday June 26th 2023, delegates joined us for a collaborative webinar organised by CIGRE UK NGN and CIGRE Austria NGN on 'How the transition to net zero can...</p>
 <p>NGN UK & IRELAND WEBINAR – HYDROGEN AND ENERGY STORAGE PRESENTATIONS & VIDEO Hydrogen and Energy Storage, Enabling the Net Zero Transition Online Wednesday 19th July 2023 – Presentations Downloads & Video Professional from the energy storage and Hydrogen industry discussed the...</p>	 <p>NATIONAL GRID CONTROL ROOM VISIT – CIGRE UK NGN VISIT REPORT National Grid Control Room Visit – CIGRE UK NGN Summary This was the first in-person event that the CIGRE UK NGN committee has organised, post pandemic, and was successfully delivered in...</p>	 <p>CIGRE UK WEBINAR: REPORT ON A3/B3 JOINT COLLOQUIUM PRESENTATION & VIDEO The CIGRE UK National Committee invited CIGRE Study Committees B3 & A3 to hold a joint Colloquium in Birmingham between the 9th and 12th May 2023 at the IET...</p>	 <p>COLLABORATION IN THE NORTH SEA POWERHOUSE (PART 2) – VIDEO & PRESENTATIONS Collaboration in the North Sea Powerhouse (Part 2) Regulatory Challenges and Opportunities Video & Selected Presentations – ABOUT THIS EVENT The development of renewables in the North Sea is...</p>	 <p>CIGRE UK TECHNICAL WEBINAR MAY 2023 – PRESENTATIONS & VIDEO Protection of Future Power Networks Dominated by Converters: Recent Learnings on Challenges and Potential Solutions Held Online Wednesday 17th May 2023 12:30 – 13:30 – ABOUT THIS EVENT: To...</p>	 <p>COLLABORATION IN THE NORTH SEA POWERHOUSE (PART 1): PRESENTATIONS & VIDEO Collaboration in the North Sea Powerhouse (Part 1) Online Webinar Presentations & Video Wednesday 6th April 2023 12:00 – 16:00 BST – ABOUT THIS EVENT: With the signing...</p>

Surveys | Bulletins | Newsletters | Video Recording & Posting Technical Sessions

6a) Events and Marketing Activity

Events & Promotional Activities | 2023

 <p>CIGRE UK TECHNICAL WEBINAR – 12TH APRIL 2023</p> <p>Building the Grid of the Future Through Innovation & Collaboration Online Wednesday 12th April 2023 12:30 – 13:30 – ABOUT THIS EVENT: The energy transition is accelerating with four...</p>	 <p>JOINT B3 & A3 COLLOQUIUM UPDATE: 9TH – 12TH MAY 2023</p> <p>The CIGRE UK National Committee has invited CIGRE Study Committees B3 & A3 to hold a joint Colloquium in Birmingham between the 9th and 12th May 2023 at the...</p>	 <p>ENABLING THE TRANSITION TO NET ZERO</p> <p>IEEE PES Women in Power UK & Ireland together with CIGRE UK's Next Generation Network & Women in Energy Sections have invited four speakers to present current industrial and academic...</p>	 <p>CALL FOR PAPERS: CIGRE PARIS SESSION 2024</p> <p>Although August 2024 may seem a long way away it is now time to start preparing the synopsis for any paper that you wish to submit for the 2024 Session. You...</p>	 <p>STUDY COMMITTEE C6 – CALL FOR NGN PARTICIPATION</p> <p>Study Committee C6 – Call for NGN Participation Opportunities for NGN Members Working Groups (WG) – WG deliver a technical document that covers a topic of interest to the SC...</p>	 <p>MEMBERSHIP RENEWAL 2023</p> <p>Current members will have receive an invoice for their 2023 subscription renewal via email, during December 2022, to the address we have on record. If you have not received this...</p>
 <p>DATA SCIENCE AND NEXT GENERATION COMMUNICATIONS IN ELECTRICITY NETWORKS</p> <p>CIGRE UK is planning a conference, kindly hosted by ARUP in London, on the subject of Data Science and Next Generation Communications in Electricity Networks. We are looking for presenters...</p>	 <p>CIGRE UK TECHNICAL WEBINAR MARCH 2023 VIDEO</p> <p>National Grid (NG) Innovation Programme – Secure Edge Platform (SEP) Supporting an Open Architecture & Services Online Wednesday 15th March 2023 12:30 – 13:30 – ABOUT THIS EVENT: The...</p>	 <p>CIGRE SC A2 & 6TH ICTRAM JOINT COLLOQUIUM 2023</p> <p>The Croatian National CIGRE branch in cooperation with the Faculty of Electrical Engineering and Computing in Zagreb and the Centre of Excellence for Transformers in Zagreb is organising the CIGRE SC A2 & 6th International Colloquium Transformer Research and Asset Management Joint Colloquium 2023</p>	 <p>REPORT ON CIGRE UK A2/D1 LIAISON MEETING</p> <p>On 17th January the annual CIGRE UK A2/D1 Liaison Meeting took place as a hybrid event at The University of Manchester and online. More than 40 experts in person and...</p>	 <p>CIGRE UK TECHNICAL WEBINAR PRESENTATION & VIDEO</p> <p>Experience and New Requirements for Transformers for Renewable Generation – About this event: Around the world, renewable generation is being installed to replace traditional, fossil fuel generation. The main sources...</p>	 <p>WOMEN IN ENERGY – REFRESH 2023 PRESENTATIONS, VIDEO & MAILING LIST</p> <p>Women in Energy – Refresh 2023 Held Online Wednesday 25th Jan 13:00 – 13:40 About this event: A discussion took place about the refresh of the CIGRE UK...</p>

MailChimp Mailing Lists | +3900 LinkedIn Followers | Website Frequently Visited

6a) Events and Marketing Activity

Events & Promotional Activities | 2023



CIGRE UK TECHNICAL WEBINAR 18TH JANUARY 2023 | PRESENTATIONS & VIDEO

Development of Grid Forming Convertors for Secure and Reliable Operations of Future Electricity systems
Held Online | Wednesday 18th January 2023 | 12:30 - 13:30 - About this event: In this...



JOINT IEEE UK & IRELAND AND CIGRE UK TECHNICAL WEBINAR | TUESDAY 7TH FEBRUARY 2023 | 13:00 - 15:00 |

Presentation Abstracts: Transient Stability Enhancement of Large-Scale Power Systems Using Maximum Energy Balance Control. Prof. Wu's presentation is concerned with the nonlinear adaptive control of a large-scale power system. Its...



A2/D1 TECHNICAL LIAISON MEETING - 17TH JANUARY 2023 - UPDATE... NOW HYBRID

A2 / D1 Technical Liaison Hybrid Meeting University of Manchester / online | Tuesday 17th January 2023
About this event: The purpose of the meeting is to provide an overview...



CIGRE SESSION 2022: SC A2 (POWER TRANSFORMERS & REACTORS) RECAP

CIGRE UK A2 elected regular member Zhongdong Wang during the Group Discussion Meeting in her role as a special reporter (Courtesy of Elizabeth MacKenzie). From 28 August to 02 September...



CIGRE UK GENERAL MEETING | AGM PRESENTATIONS/MINUTES/AWARDS & TECHNICAL PRESENTATIONS

Members (Individual and Collective) of CIGRE UK joined our General Meeting Day on Tuesday 22nd November with took place at the IET Austin Court Birmingham, and was followed by a series...



CIGRE UK C4 LIAISON MEETING - 7TH DECEMBER 2022

The purpose of this Technical Event that will be held in conjunction with the SC C4 Liaison Meeting is to bring together experts from industry and academia to present...



19TH INTERNATIONAL CONFERENCE ON AC & DC TRANSMISSION

The electrical power system is changing and we face new challenges ACDC, an Institution of Engineering and Technology conference, is the meeting point for power transmission engineers to learn...



MATPOST 2023

MatPost2023, 7th International Substation Equipment's conference and exhibition will gather many companies in the field, from different countries. The aim of this conference is to bring together academics and...



MONTHLY TECHNICAL WEBINAR - 15TH DECEMBER 2022

Common Network Asset Indices Methodology (CNAIM): Latest Developments and its use in the GB Electricity Industry An Online Technical Webinar Thursday 15th December 2022 | 12:30 to 13:30 Common Network...



CIGRE UK NGN COMMITTEE ELECTION RESULTS

NGN Election Results are In On Tuesday 22nd November 2022 we held the CIGRE UK NGN AGM which included the elections for 5 roles: Chair, Vice Chair, Secretary &...



CIGRE B1/D1 LIAISON MEETING - 15TH NOVEMBER 2022 | SOUTHAMPTON | PRESENTATION MATERIAL

The annual Cigre B1/D1 UK Technical Liaison meeting, kindly hosted by the University of Southampton and sponsored by PSC Consulting, was held as a Hybrid Meeting on Tuesday November 15th...



CIGRE UK B5/D2 TECHNICAL LIAISON MEETING - PRESENTATION MATERIAL

The purpose of the meeting, kindly hosted by the University of Birmingham, led by UK Regular Members John Wright (B5) & Thomas Charlton (D2) and supported by Professor Gareth Taylor,...

Website Updates & Maintenance | LinkedIn postings | Event Registrations | Event Promotion

6a) Events and Marketing Activity

Events & Promotional Activities | UK Hosted B3 & A3 Colloquium – May 2023



160 Individuals | 24 Countries | 4 Days | 7 Tutorials | 10 Working Group Meetings | 32 Papers | Plenary Session Exhibitors | Keynote Speakers from National Grid | NGN Support from the University of Manchester | Gala Dinner

6a) Events and Marketing Activity

Events and Marketing Support – Coming Soon!



Website Refresh
Fresh Look & New Features



Paris Session 2024
UK Reception Sponsorship Drive

6b) CIGRE UK 2023 Membership WG Update

- **2023 Membership Numbers**

Membership Category	2021	2022	2023
Individual Member 1	222	276	293
Collective 1A Large Companies/Utilities	15	15	20
Collective 1B Medium Sized organisations	12	12	11
Collective 1C Smaller Organisations and Trade Bodies	32	33	32
Collective 2 Academic Institutions	15	15	12
Total	305	361	368

Current activity of the Membership WG has been focused on using the 2023 Membership Survey + the Membership database to identify

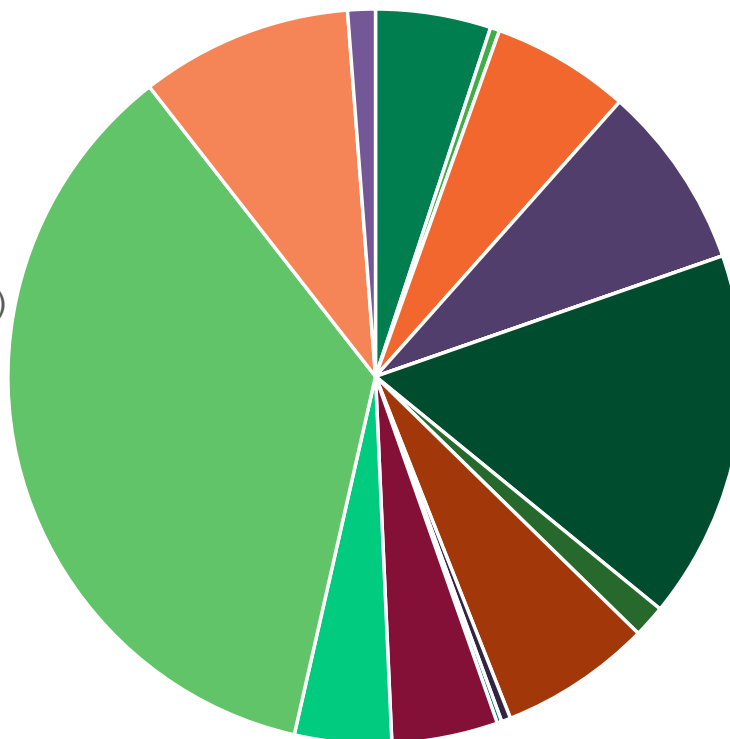
- Who are the most engaged, what benefits they perceive, what groups they support (by technology vs sector)
- Who are the least engaged – how can we identify and promote CIGRE benefits
- What sectors are unrepresented

6b) CIGRE UK 2023 Membership WG Update

- From the Membership Database

- Fossil Generators
- Nuclear Generators
- Renewable generators
- Onshore Network Operators
- Industrial power network operators
- Storage Co's
- OEMs
- Renewables OEMs (Wind; solar ...)
- Project Developers
- Investors
- Regulators
- Constructors / EPCs
- Data management specialists
- Consultants
- Academia
- New Technology

All Membership Categories



- 475 members
- 305 unique organisation
- 9 unidentified/appear to be no longer trading

6b) CIGRE UK 2023 Membership WG Update

- **From the 2023 Membership Survey**

Types of Responders	
Renewable	10
Electricity Utility	24
EPC engineering	6
Consultant	10
Equipment manufacturer	10
Academia	3
Other	5

CIGRE UK Membership Engagement	
Most Engaged	Engineer at a large Electricity Utility
Median Engaged	Engineer at a medium-sized Consultancy
Least Engaged	Manager at a large Renewable Energy Company

What Responders Want	
Education	63%
Technical development	71%
Thought leadership	63%

Actions to follow up on to target existing and new members

- A list of responders who want to know more about specific study committees
- A list of suggestions for expanding the Women's network
- A list of suggestion for NGN activities
- Identification of types of CIGRE UK members (what sector x what level x how satisfied x what benefits x how engaged) and how we can deliver more value to them
- Identification of typical personas in what sectors who are NOT CIGRE UK members, but who should be

Events

- Collaborative webinar with NGN Austria – 26th June 2023
- CIGRE UK D2 One-Day Conference in London 30th June 2023
- Co-Event with NGN Ireland 19th July 2023
- Site visit to National Grid ESO Control Room 4th August 2023

Mentoring Scheme

- Mentors and mentees engaged

6c) NGN Network Report



Upcoming Events

- Collaborative webinar with NGN Netherlands - "Data Exchange Framework Potentially CIM" - October 2023
- Few more potential collaboration with Norway, Brazil (All Online Webinar)
- STEM/Outreach opportunities
- NGN AGM

Ongoing and New Initiatives

- Ambassador
- NGN member signup process
- Internal process and access for Event, Comms, Technical and Membership teams
- STEM/Outreach opportunities

6d) Technical Report

□ Review 2023:

- Monthly Webinars
 - 11 delivered so far
- 3 UK hosted Conferences
 - A3/B3 Colloquium (international) in May'23
 - D2 Data Science Conference In June'23
 - AGM Technical Conference., Nov'23
- TC meetings
 - Quarterly meetings took place
 - 1 new RM started (SC C1 – Dr Bless Kuri)
- UKTP/Liaison meetings
 - 9 SCs/TPs
 - 4 Joint (A2/D1, B1/D1, B5/D2 (22/11), A3/B3 (Mar'24)) + B4
- Other Activities
 - Cairns Symposium Sept'23, hosted by SC C2/C5, total 11 SCs
 - Collaboration in the North Sea Powerhouse, a series of events on development of renewables - UK and our Euro neighbours.
 - NGN technical visits/events
- Paris session 2024
 - 52 synopses submitted
- Annual TC Report

❖ **Productive and active year**

❖ **Technical events & activities largely went well as plan**

❖ **A number of Joint activities across UKTPs**

❖ **Most RMs/TC members active & working hard**

❖ **Closely worked with & supported by NGN/Event & Market WG**

❖ **Some areas to further improve**

6d) Technical Report

□ Workplan 2024

- Theme: Knowledge sharing and collaborations for NetZero delivery
 - NetZero/Energy transition are large/ambitious both scope and scope
 - Require pan-industry collaborations both capability and capacity
- What – Technical events and activities
 - Monthly technical webinars 12 – 16
 - CIGRE UK hosted technical events 3 - 4
 - UKTP activities: TPs/RMs liaison meetings, WGs/Mirror WGs etc.
 - Paris Session 2024: paper review, Representations
- How – tasks and actions
 - Quarterly TC management meetings
 - Regularly catch-ups with TC event leads/RMs
 - Annual TC workshop before AGM
 - Annual TC report
 - Closely working with CIGRE UK WGs: NGN, Event & Market etc.
- Work focus:
 - Ensure/encourage all UKRMs active
 - Further promote joint UKTP/RMs activities
 - TC/CIGRE membership, esp. NGN/students, retired people/EDI/DNOs etc.
 - TC budget: individual TP/RM budget, Quarterly review

❖ **Monthly tech Webinars**

❖ **Bi-monthly TP/Liaison meetings (at least)**

❖ **Quarterly CIGRE UK hosted conferences**

❖ **Annual international event**

❖ **others**

6e) Women in Energy Report Report



- WiE Activities for 2024:
 - **Q1 (January 2024)** Webinar: “How to join CIGRE Technical working groups”
 - **Q2 (April 2024)** in person: “Application of Artificial Intelligence (AI) in Energy Sector and empowering people with learning disabilities”
 - **Q3 (23 June 2024)** Webinar: Celebrate International Women in Engineering Day
 - **Q4 (September/October 2024)** in person: Topic TBC, host Kings College London
- Each of the activities has a dedicated WiE team and organisational activities on going
- Budget for WiE has been submitted

Any Other Business



Agenda item 7. Any Other Business



7a) Draw for prize winner for completing survey.

Agenda item 7. Any Other Business

7b) Nominations for Distinguished Member Award

We are able to nominate UK individual members who have been members for at least ten years for an award as a Distinguished Member. To receive such an award the person must have actively contributed to the work of CIGRE over that period. If anyone wishes to nominate a colleague or even themselves then please send a short statement of their CIGRE activities over the years to John Finn finnsjohn@gmail.com by 17th December 2023.

Please note that this is a Central Office award and not one of the newly introduced CIGRE UK awards.

End of Meeting



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For power system expertise