



October 2018

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News from the CIGRE UK Executive

Dear Colleagues,

I had the pleasure once again this afternoon to participate in our excellent Technical Working Group, together with our Regular Members. Our Technical teams are the lifeblood of our association and I am always happy to engage in the debate as to how we can better serve our members and move our industry forward.

One issue for our Membership Working Group with Stuart Grattage remains around how we can be more inclusive of our Collective Members – and how can we ensure that we get our communications spread into each

Collective (industrial company, academic institution, consulting company and utility). Stuart (stuart.j.grattage@gb.abb.com) and I would be very interested to hear your views as to how we can connect better with our audience.

We are moving towards our Executive Meeting and AGM on 14 November. Please do sign up and participate in this full day event (see below) and a huge thank you to our colleagues at GE in Stafford for their invitation and kind hospitality.

Also, please join us at my favourite Italian restaurant in Stone, Pasta Di Piazza, for our informal dinner after the event. Excellent food, great company and a lovely atmosphere. A thank you to both Capula and Burns & McDonnell for their sponsorship so we can keep the ticket price down!

Looking forward to seeing you all on 14 November.

Kind Regards,
Adam



CIGRE UK & NGN AGM Day

Venue: GE Grid Solutions - Redhill Business Park, Stafford

Wednesday 14th November 2018

Both the NGN section and the main body of CIGRE UK will hold its AGM on the same morning so that everyone can participate in the programme for the day. There will be plenty of opportunities to both learn and network, including during lunch and refreshments, kindly provided by our venue hosts, GE.

You are asked to register for each of the main elements of the day that you are planning to attend so that we can cater for the numbers attending.

In the afternoon, our Regular Members will be providing a series of technical presentations, followed by a presentation by GE.

To see the detailed agenda and to register to attend the AGM click [here](#)

Finally, there will be an Evening Dinner to be held at Pasta di Piazza Restaurant, a 10 minute drive away in Stone. This is the only part of the day that carries a £25.00 cost, for a 3-course meal with wine. Thank you to our sponsors, Burns & McDonnell and Capula, for supporting this dinner.

To register to attend the Evening Dinner click [here](#)



Cigre UK October Technical Webinar **Wednesday 10th October 2018 | 12.30 to 13.30** **NGN Technical Showcase**

October's webinar showcases the exciting technical work being undertaken by members in our NGN community:-

- Lewis Hunter will give an insight into the opportunities that MVDC offers to increasing grid capacity.
- James Dixon will highlight how smartphones can support rapid charging of Electric vehicles.
- Jonathan Bowes will present the benefits of interconnecting islanded minigrids.

To Register click [here](#)



Save the Date: CIGRE UK Post Paris **Technical Event** **Wed 28th November 2018 | 09.00 to 17.00** **at The University of Birmingham**

A full technical day event where CIGRE UK members can present the papers that they submitted and were accepted for the CIGRE Paris 2018 Session.

There will be interactive panel sessions for Q&A and plenty of networking opportunities throughout the day.

This event is kindly hosted by the University of Birmingham and the event programme coordinated by the CIGRE UK's Technical Committee. This is an event worthy of including in your CPD records!

Please watch out for more information in you inBox in the next few days.



Cigre UK November Technical Webinar **Wednesday 7th November 2018 | 12.30 to 13.30**

Power Potential - energising reactive power for a changing power grid

Presented by members of CIGRE UK Women's Network

- Dr. Biljana Stojkovska, Innovation Manager, National Grid ESO
- Dr. Inma Martinez, Power Systems Engineer, National Grid ESO
- Tatiana Ustinova, Power Potential Technical Coordination, UK Power Networks

To Register click [here](#)

**Euro
TechCon®** | **2018**

Euro TechCon 2018

4th to the 6th December 2018

The Principle St David's Hotel, Cardiff

This year's Euro TechCon conference subject is 'New technologies and techniques to improve asset life extension'. For more information go to: <https://www.eurotechcon.com>.

As last year, CIGRE UK members will be supporting a training day on Monday 3rd December to an audience of DNO engineers, many of whom are recent graduates. **If you have a subject that you think fits and can find the time, please contact Chris Smith, the event technical coordinator for CIGRE UK** at Christopher.Smith3@nationalgrid.com.

CIGRE-UK NGN Event: Visit to Western Link HVDC Converter Station at Hunterson on 16 Oct 2018

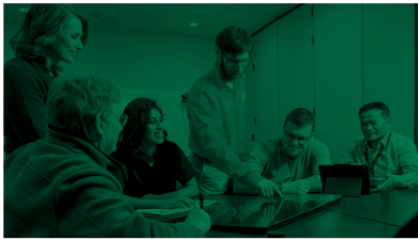
The [Western Link](#) is a 2.2 GW rated HVDC system that helps to bring renewable energy from Scotland to homes



and businesses in Wales and England. It is a £1 billion project, jointly owned by Scottish Power Transmission and National Grid. This event will provide a great opportunity to visit its HVDC converter station at Hunterston and also includes a number of presentations from experts addressing emerging power system challenges.

Please make sure you register [here](#) as soon as possible as spaces are limited.

Pick up (by coach) will be at 09:45 from Glasgow Central Station (TBC) and will return by 16:00.



UK Vacancy for a representative to join the C6.39 Working Group - Distribution Customer Empowerment

The scope of this working group is to study the contributions to the operation of distribution systems that can be made by customers through the deployment of distributed energy resources (DER) on their premises, supported by modern control and communication systems. Customer empowerment approaches include providing them the information required to understand their impact in better managing their consumption and the tools available to implement this management in a manner agreed with the distribution system operator.

Please see below link for the scope of the Working Group.

[Working Group C6.39 Scope](#)



Recent Technical Brochures:

- **TB 735** - Transformer post-mortem analysis
- **TB 734** - Management of risk in substations
- **TB 733** - System Operation emphasizing DSO/TSO interaction and coordination
- **TB 732** - Advanced utility data management and analytics for improved operation situational awareness of EPU operations
- **TB 731** - The use of robotics in assessment and maintenance of overhead lines

- **TB 730** - Dry air, N₂, CO₂ and N₂/SF₆ mixtures for gas-insulated systems
- **TB 729** - Technological feasibility studies for super and ultra premium efficient motors

Technical Brochures are available to download on [e-cigre](#).



Working Groups

Below are recently approved Working Groups (WGs), which may be seeking experts and NGN members to participate and contribute. Please contact Regular Member for additional information:

WG D2-C2.48 - Enhanced Information and Data exchange to Enable Future Transmission and Distribution Interoperability (RM - [Gareth Taylor](#))

WG A1.64 - Guide for Evaluating the Repair/Replacement of Standard Efficiency Motors (RM - [Steve Mitchell](#))

WG B3.52 - Neutral Grounding Method Selection and Fault Handling for Substations in the Distribution Grid (RM - [Mark Osborne](#))

WG B3.55 - Design guidelines for substations connecting battery energy storage solutions (BESS) (RM - [Mark Osborne](#))

WG B3.56 - Application of 3D technologies in substation engineering works (RM - [Mark Osborne](#))

WG C3.20 - Sustainable development goals in the electrical power sector (RM - [Josie Turner](#))

A list and terms of reference of all active Working Groups are available [here](#). If you wish to join a Working Group, please review the terms of reference and follow the guide available [here](#).



Future Events

Transformer Research Dissemination Event

Monday 12th November 2018 | 10.00 to

15.15 – A2/D1

Contribute to the Newsletter

This newsletter aims to keep CIGRE-UK & NGN members informed of CIGRE UK activities, and is open for you to contribute.

If you have a CIGRE-related item you wish to add, please send these to the [Communications Team](#): Jennifer McCartney (lead), Phillip Paradine & Andrew Allan.

Please keep items below 175 words, and it is helpful to include a small image to illustrate the story. Previous newsletters are available [via this link](#).

The transformer research dissemination event and liaison meeting will be held at Manchester University Room D45, Sackville Street Building.

For more information please contact shengjitee@gmail.com

Liaison Meeting

Tuesday 13th November 2018 | 10:00 to 16:00 – A2/D1

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Our mailing addresses are:

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