

PRESENT



# Young Member Showcase & Flexibility in the Irish Energy System

21<sup>st</sup> of October – Engineers Ireland  
22 Clyde Rd, Ballsbridge, Dublin 4

## CIGRE Young Member Showcase

The Young Member showcase is a major event in the NGN's calendar and it is the largest CIGRE Ireland event dedicated to young members. It gives young members a chance to present their work in front of industry experts and to win a sponsored trip to next year's [Paris session](#).

### How to Participate?

To have chance of presenting at the YM showcase you need to submit a 500-word abstract by **October 4<sup>th</sup>** to [niall.williams@esb.ie](mailto:niall.williams@esb.ie) and [valentin.rigoni@ucdconnect.ie](mailto:valentin.rigoni@ucdconnect.ie)

A young member is any member under 35 or with less than 10 years of experience  
CIGRE membership is free for anybody in full time education

[Abstract call](#)



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## Flexibility in the Irish Energy System

Future energy systems will require enough flexibility to integrate renewable energy resources in a cost-effective and scalable manner. Flexibility sources will need to be exploited across generation, transmission, distribution and end-use energy demand.

The afternoon session will have industry experts from SmartWires, ESB, GlenDimplex, EnelX and Eirgrid discussing ways of enhancing system flexibility.

**Email:** [valentin.rigoni@ucdconnect.ie](mailto:valentin.rigoni@ucdconnect.ie) for more information

*Host & Sponsor*



**REGISTER**



<https://www.eventbrite.co.uk/e/cigre-young-member-showcase-flexibility-workshop-tickets-73241414041>

# EVENT SCHEDULE

21<sup>st</sup> of October – Engineers Ireland, Dublin

09:00-09:30	Registration, coffee & tea
09:30-09:45	Opening Speech & Welcome
09:45-12:15	CIGRE Young Member Showcase
12:15-13:00	<i>~Lunch &amp; Networking~</i>
13:00-13:30	<p style="text-align: center;"><b>~ Speaker ~</b> <b>Marie Hayden, VP of European Business Development - SmartWires</b> “Making Flexibility a Reality – what can we learn from other Regions?”</p>
13:30-14:30	<p style="text-align: center;">Panel session: “Current and Future Challenges for Demand Response Implementation”</p> <p style="text-align: center;"><b>~ Chair ~</b> <b>Lisa Ryan, SEAI board member and Assistant Professor in UCD</b> <b>~ SPEAKERS~</b> <b>Clare Duffy, ESB - Muiris Flynn, GlenDimplex - Barry Cullen, Enel X - Diarmaid Gillespie, EirGrid</b></p> <p>The current growth on the share of renewable energy resources is expected to increase the value of demand response mechanisms. Demand response can provide additional flexibility to the system, helping to cope with unforeseen changes in generation, reduce electricity prices volatility and improve the overall reliability and efficiency of the power system. However, there exist numerous challenges that impede an immediate deployment of demand response strategies. For instance, demand response aggregators will have to coordinate their actions with the requirements of the power system, with the needs of their customers and with the operation of the underlying distribution network. Consequently, new practical frameworks that facilitate the integration of transmission system operators, distribution system operators, aggregators and end-use customers are most likely to be required . This panel session will aim at discussing experiences and identifying outstanding obstacles that the full realization of demand response mechanisms will encounter from the perspective of different system participants.</p>
14:30-14:45	CIGRE YM Showcase Winners & Prize Giving
14:45-15:00	Closing Speech

# SPEAKERS



**Marie Hayden**

**Vice President of Business Development, Smart Wires**

Marie is responsible for Smart Wires business development in Europe and Australia. Before joining Smart Wires, Marie held a number of senior management positions in EirGrid. Marie was Chair of the Irish National Committee of CIGRE from 2012-2016 and also chaired the Dublin Symposium Organising Committee in 2017.

**Lisa Ryan**

**SEAI board member and Assistant Professor in UCD**

Lisa is a lecturer in energy economics in UCD School of Economics since 2016. Previously she held positions as energy economist in the International Energy Agency, Comhar Sustainable Development Council, and as an analyst at Volkswagen AG.



**Muiris Flynn**

**Chief Technical Director, GlenDimplex**

Muiris currently manages R&D teams for a number of different product categories for Glen Dimplex. He is a mechanical engineering graduate of University College Dublin and has worked with the Glen Dimplex Group since 1992 in a number of development and operational roles.

**Clare Duffy**

**Network Development and Electrification Manager, ESB Networks**

Clare has specific responsibility for ESNB planning distribution network asset investments and customer connections; she is accountable for Electrification of Heat and Transport initiatives and for Innovation across the business. Clare is a Non-Executive Director of Elexon and was on the Advisory Group for Wave Energy Scotland.



**Barry Cullen**

**Head of Customer Success and Innovation Lead, Enel X**

Barry oversees the many aspects of the customer success journey within Enel X, the largest DSU operator in Ireland and world leader in grid flexibility solutions. Barry's path has encompassed innovation activities across the academic, start-up and corporate spheres, giving him a unique insight into the energy innovation landscape.

**Diarmaid Gillespie**

**Head of System Support, EirGrid Group**

Diarmaid's responsibilities in EirGrid include commissioning and testing of units connecting to the power system, system tariffs, power system restoration, system services management and performance monitoring. Diarmaid has been with EirGrid since 2002 and has held different senior positions across the Operations, Planning and Innovation function.

