

Public

Grid Code Review Panel Elections 2024 – Candidate Pack

Introduction

This document includes the details of the candidates standing in the 2024 election to sit as a Generator Panel Member or Alternate Generator Panel Member on the Grid Code Review Panel.

There are eight (8) candidates standing for election. The candidates are presented in this document alphabetically by their surname.

Each candidate has provided a biography to be published alongside the ballot papers. The biography of each candidate is reproduced as submitted to the Code Administrator in this document. The Code Administrator has made no alterations to the content of the biographies submitted.

If you have any queries about the elections, please contact the Code Administrator at: grid.code@uk.nationalenergyso.com

Candidate Number	Candidate Name	Page Number
1	Adegboyega AKOMOLAFE	2
2	Andrew ALLAN	3
3	Sigrid BOLIK	4
4	Donald FU	5
5	Scott GREEN	6
6	Ana GORGYAN	7
7	John HARROWER	8
8	Darshak SHAH	9

Public

Candidate 1: Adegboyega AKOMOLAFE

Nominating Organisation: IG Renewables LTD

Biography:

Chartered Electrical Engineering director and business manager with 13+ years of multi industry experience in Utilities (Distribution and Transmission), Rail, Renewables, and Private Equity. UK Grid Director leading a high performing grid engineering team for a pan-European renewables developer and IPP. Key experience in delivering major electrification capital projects across the end to end project lifecycle from feasibility to commissioning; business start up, developing business processes, policies, and strategy; building high performing teams; working across business functions such as Asset Management, Capital Programmes, and Procurement.

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Candidate 2: Andrew ALLAN

Nominating Organisation: RWE

Biography:

Andrew's current role with RWE as Market Development Manager includes topics of managing grid connections for operational generators and development projects across conventional and renewable generation, and storage technologies; and engaging in industry consultations on changes to codes and regulations across electricity and gas markets.

He graduated with Distinction from a joint Electrical and Mechanical Engineering Masters programme focused laterally on electrical Power Systems at the University of Strathclyde. He then began his career as an Electrical Engineer with RWE, supporting RWE's UK fleet of generators on all things Electrical Systems, up to and including point of connection to the electricity network, and associated grid code compliance.

Through his career he has been involved in power system design, health and safety risk management, delivering generator compliance testing, electrical projects for operational generators with grid code relevant interactions, contribution to the European Connection Conditions Grid Code revision including drafting revised exemplary generator performance charts, involvement in Grid Code Working Groups and laterally leading asset development projects which require to ensure Grid Code compliance in the design and development phase.

Beyond direct relevant experience, his career has always included elements of governance, and with an eye for detail he is well placed to interpret the broader interdependencies and limit the possibility of unintended consequences of modifications, while delivering the code governance requirement to act impartially and in accordance with the requirements of the Grid Code, to ensure that the code continues to facilitate the UK's ambitions for our energy transition.

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Candidate 3: Sigrid BOLIK

Nominating Organisation: Siemens

Biography:

Dr. Sigrid Bolik has worked since 2001 in the renewable industry as an electrical engineer and her passion has been all aspects of electrical grid integration of renewable generators. During her industrial researching PhD degree (EngD equivalent) from Aalborg University in Denmark in 2005, she focused on the grid integration of wind turbines into the power systems and grid code compliance with the help of models. She thereby developed in 2002 the methodology what aspect to consider, when integrating wind turbines into the grid. Since then, she has continued to focus on interaction and integration aspects of renewable generators specifically in the UK, Australia, New Zealand and US. In 2020 she joined the Siemens PTI power system UK consultancy team.

She has served on the GCRP since 2008 mainly as Alternate Member in supporting renewable generations using new technologies or “Novel Units” connection to the grid. In the last 2 years she continued in a Generator Member role.

She remains passionate to support renewable generation connection to the grid and decarbonisation of electricity and doing so in an efficient cost-effective manner. Most recently she is working on improvements in modelling and assessment of stability assessment of oscillatory behaviour in the frequency and time domain (RMS and EMT).

As a GCRP member she will continue to bring technical international expertise to the panel and to reach out to relevant industry participants to engage in grid code working groups.

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Candidate 4: Donald FU

Nominating Organisation: NP SPV 21 Limited

Biography:

I have been involved in the connecting and energising the first BESS asset in compliance to the newly implemented GC0141 and GC0146 in successfully achieving the ION, EON and FON hence I believe I will be a great addition to the Grid Code Review Panel to help drive the Grid Code requirements for renewable assets and new technology to be connected to the Grid safely and efficiently.

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Candidate 5: Scott GREEN

Nominating Organisation: Drax Power Limited

Biography:

I am an experienced lead electrical engineer with over 10 years in the power generation sector. As a lead engineer, I am responsible for ensuring ongoing compliance with the Grid Code through compliance testing and I am also responsible for all new Grid connection agreements. In addition, I have considerable experience interpreting Grid Code requirements and advising on the associated commercial implications. Over the past five years I have interpreted Grid Code requirements and advised on viable technical and commercial options for Drax to participate in different markets utilising our broad set of generation assets and technologies; Drax Power Station (dispatchable thermal), Cruachan Power Station (Pumped Storage Hydro), and Drax River Hydro Limited (Hydro Run-of-River). This includes advising on technical and Grid Code requirements for system restoration contracts, stability pathfinders and dynamic frequency markets.

I believe my understanding of the technical characteristics of different generation technologies, and the contribution that each can provide to support system stability and security of supply, would be a valuable contribution to the Panel's decision-making. Moreover, I feel that the combination of my engineering knowledge and commercial perspective will be beneficial in supporting the industry's and the Panel's collective objective of ensuring the security, stability and efficient operation of the transmission system as we transition to a net zero system.

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Candidate 6: Ana GORGYAN

Nominating Organisation: IPC GRID CONNECTION LIMITED

Biography:

I am Mechanical Engineer, Strategist at IPC Grid Connection Limited.

Education and qualifications include:

- Women’s Engineering Society, UK
- Top 50 Women in Engineering 2023 winner
- Oxford University, UK
- Undergraduate Advanced Diploma in IT Systems Analysis and Design
- Royal Institute of Technology, Sweden
- Master of Science, Mechanical Engineering
- Sustainable Energy Engineering
- Copenhagen Business School, Denmark
- Master of Business Administration, honours
- National Polytechnic University of Armenia
- Bachelor of Science, Electrical Engineering, honours
- Economics and Management of Energy Systems
- Energy Institute, London, UK
- Chartered Energy Engineer

Summary of experience includes:

- Joined IPC in 2008 after completing MBA from Copenhagen Business School.
- Director of IPC, IPOL and MLCP; Advisor to Hecate Energy US.
- Experience in power development sector developing and managing power projects in emerging markets.
- Technical advisor to International Power and Water Investments from Dubai on 235 MW project in Ghana.
- Holds a master’s degree in mechanical engineering from the Royal Institute of Technology, Sweden.
- Young Energy Professional Award 2014 nominee with Energy Institute UK.
- Oxford University Advanced Diploma in IT System Analysis & Design, 2020, First-Class Degree.
- Top 50 Women in Engineering 2023, UK.
- Worked as investment advisor for telecommunications and biopharmaceutical industry.

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Candidate 7: John HARROWER

Nominating Organisation: SSE Generation Ltd

Biography:

For the last 4 years John has been on the Grid Code Review Panel (GCRP) as a generator representative and brings a great deal of generator focussed experience to the various aspects that the GCRP consider.

John has over 21 year of experience within the electrical power industry with particular interest in the connection of renewable generation to the electrical grid, including Grid Code compliance testing, the interpretation of Grid Code requirements as applied to power generation and future Code modifications due to the changing generation and demand landscape.

Specific responsibilities have included:

- Grid connection aspects of SSE’s portfolio of onshore development sites, including a HVDC connected remote island wind farm and a circa 1.3GW pumped storage site.
- Technical Authority for Grid Code compliance aspects of SSE Renewables portfolio of development, pre-construction and construction wind farm projects.
- Development and Construction experience of a portfolio of onshore wind farms, taking wind farms from concept design through to construction and final testing.
- Responsibility for the grid connection aspects of circa 3.6GW of HVDC connected offshore wind farm projects going through the detailed design stage.
- Connection reform implications on SSE’s portfolio of renewable generation projects.

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Candidate 8: Darshak SHAH

Nominating Organisation: BP ALTERNATIVE ENERGY INVESTMENTS LIMITED

Biography:

With more than 15 years of experience in the electricity power industry, my journey has spanned across Power System consultancy, Network development & Operation, and Policy development & Compliance roles within NESO (ESO), NGETO, and the offshore wind sector. Since January 2023, I've been part of the Grid Code Review Panel, recognizing the essential updates needed in our codes and standards to meet Net Zero goals. With my comprehensive experience, I'm keen to contribute to the evolution of Grid Code changes. As a chartered engineer with IET and a proactive PRA volunteer for CEng candidates, I'm dedicated to making a meaningful impact