

NOMINATION FOR NGN VICE CHAIR

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I would like to take this opportunity to apply for the Vice-Chair of the CIGRE UK NGN committee. I am currently a Software and Control Engineer at Siemens Gamesa, whose main responsibility is to research, develop and maintain the converter control algorithm and software, for our flagship 11MW, 14MW and also the next generation wind turbines. Before joining Siemens Gamesa, I was a PhD student at the University of Birmingham, majoring in Electrical and Electronic Engineering. My research topic was modelling and control of multi-level converter with offshore wind farm application. I have 9 years of experience in the renewable energy area with a good balance between academy and industry.

For the past year, I have been the Vice Chair of CIGRE UK NGN, and before that the Secretary and Treasurer. Working closely with the Steering Committee, I have got a full understanding of NGN functions. Besides, I have gained extensive experience in event and meeting organising, technical document creating, KMS management etc. I also oversee the NGN budget planning and management.

Also, I have been elected as the secretary of CIGRE UK Technical Committee (TC). I am glad to be the bridge between NGN, where young professional and students grow, and TC, where more experienced experts contribute. I intend to strengthen the cooperation, which I believe benefits both parties. Besides, I am now a secretary of the CIGRE joint working group B4/C4 93 grid forming. I have strengthened my management and team-working skills by working with a large group of members from different background.

To sum up, I believe that my working and voluntary experience have made me capable of this interesting and challenging role. And I am more than happy to continue my contribution to the committee.

I would appreciate your support.

Many thanks,

Jiajie Luo