

Mohamed Abuella

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Cover Letter

July 25, 2019

Dear Sir/Madam,

I am Mohamed Abuella, who received a M.Sc degree in Electrical and Computer Engineering from Southern Illinois University Carbondale in 2012, and a Ph.D degree in Electrical Engineering from the University of North Carolina at Charlotte on December 15th, 2018.

My research interest is on planning and operations of electrical power systems.

During my M.Sc thesis I have worked on optimization applications for electric power systems, specifically on economic dispatch and optimal power flow for systems that including wind energy.

After that, in my Ph.D program, I have been working with a research group whose main scope is on renewable energy resources grid integration. My role is on statistical and predictive analytics to mitigate the variability issues that imposed by these intermittent resources for optimizing grid integration. We are developing an approach to leverage the situational awareness tools to integrate these renewable resources efficiently with the electric power systems.

I would like to apply for a Faculty position at Department of Electrical Engineering UTFSM, Santiago, Chile, and hope to get the opportunity to work with the experts of this field.

I am looking forward to hearing from you.

Thanks for your cooperation and attention.

Yours sincerely,

Mohamed Abuella