



IEEE

Ottawa Section



**Distinguished Lecturer by IEEE Ottawa Section PES and RS-PEL Chapters, Educational Activities,
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The IEEE Ottawa Section is inviting all interested IEEE members and nonmembers to a Distinguished Lecturer

Aggregating Forecast Functions for Next Generation Dispatch in Smart Grid

By

*Dr. Mo El-Hawary, Fellow IEEE, IEEE PES Distinguished Lecturer
Professor, Dalhousie University, Halifax*

DATE: **Tuesday, November 25, 2014.**

TIME: Refreshments, Registration and Networking: **18:00**; Seminar: **18:30 – 20:00**

PLACE: [Algonquin College, T-Building](#), Room T129, 1385 Woodroffe Ave., Ottawa.

PARKING: No fee after 5 p.m. at the Parking Lots 8 & 9. Please respect restricted areas.

Abstract - Conventional dispatch support functions perform Resource, Demand, Cost and Pricing Forecasts independently as a prelude to conducting environmental/economic dispatch in an electric power system. This approach does not acknowledge the natural interdependence of the resource and demand variables. It is then imperative to account for the coupling between forecasts and generation decisions. The advent of smart grid and the increasing share of intermittent non-hydro renewables pose some challenging problems. In this talk, some relevant questions will be posed and then some potential solutions addressed.

Speaker's Bio

Mo El-Hawary is Professor of Electrical and Computer Engineering at Dalhousie University, Halifax, Nova Scotia. He received his B.Sc. from University of Alexandria, Egypt, and Ph.D. in Electrical Engineering from University of Alberta. He received the 1999 IEEE Power Engineering Educator Award, and IEEE EAB Meritorious Achievement Award in Continuing Education. He served as Chair of the Power System Operations Committee, Life Long Learning subcommittee, the Operating Economics Subcommittee and a member of the Awards Committee of PES. He is Founding Editor, Power Engineering Letters, and Associate Editor for two PES Journals. He authored ten textbooks and monographs, is Editor of the IEEE Press Power Engineering Series, and Electrical Power Engineering, McGraw-Hill Encyclopedia of Science and Technology. He consults frequently and taught over 100 professional development offerings in numerous parts of the world. Dr. El-Hawary is a member of the IEEE Fellows Committee, and served as a member of the 2006-2007 Publications Services and Products Board, and Editor-in-Chief of the IEEE Press. He served as Secretary of IEEE and member of the ExCom (2004-2005), Director Region 7 (2002-2003), and member of the Board of IEEE (2002-2005). He was also chair of IEEE Main prize Paper Awards Committee, and the IEEE Awards Board. He is a distinguished lecturer for the Power & Energy and Industry Applications Societies. He received the IEEE Canada McNaughton Medal, and the IEEE Millennium Medal.



Admission: Free. Registration required.

Please register by e-mail contacting: [Wahab Almuhtadi](#), [Branislav Djokic](#), or [Raed Abdullah](#).