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## Lessons Learned from Post 8/13/03 Blackouts: An Educator's Point of View

by

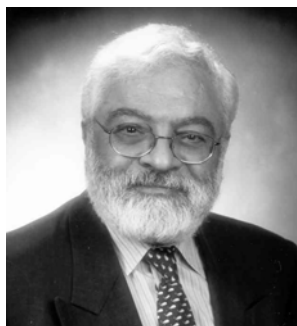
**Dr. Mo El-Hawary, IEEE Fellow, IEEE PES Distinguished Lecturer  
Professor, Dalhousie University, Halifax, Nova Scotia, Canada**

CITY:	DATE:	TIME:	PLACE:	Admission:
St. Maurice	Thursday Sept. 3, 2008	2:00 pm	Université du Québec à Trois-Rivières,	Contact: <a href="mailto:Mamadou.Doumbia@UQTR.CA">Mamadou.Doumbia@UQTR.CA</a>
Quebec City	Wednesday Sept. 4, 2008	8:30 am	Pouliot, room 1120, Université Laval	Contact: <a href="mailto:maldagx@gel.ulaval.ca">maldagx@gel.ulaval.ca</a>
Ottawa	Friday Sept. 5, 2008	06:30pm – 08:00pm Seminar, Networking & Refreshment	<a href="#">1385 Woodroffe Ave., Ottawa</a> Algonquin College, T-Building, Room T129	<b>Free.</b> Registration required. Contact: <a href="mailto:almuhtadi@ieee.org">almuhtadi@ieee.org</a>

### Abstract

The presentation will focus on the events surrounding the major Northeast North American blackout which interrupted electric power service to fifty million people in the US and Canada. We will also highlight earlier and subsequent blackouts in North America and Europe. Technical causes and the lessons learned from follow-up system studies will be introduced. The discussion will then shift to the effect of the findings on how the power engineering curriculum might reflect these new findings. Opportunities for research and development are highlighted.

### Bio



Mohamed E El-Hawary (F) is Professor of Electrical and Computer Engineering at Dalhousie University, Halifax, Nova Scotia, Canada. He has a B.Sc., University of Alexandria, and a Ph.D. in Electrical Engineering, 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.