

01/08/02

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**EDUCATION**

Ph.D (Operations Research), University of California, Berkeley, 1988.

M.Sc (Operations Research), University of California, Berkeley, 1983.

B.Mgt.Sc. (Management Science), Summa Cum Laude, University of Ottawa, 1982.

**PROFESSIONAL EXPERIENCE**

07/01 – present: Director, Centre for Applied Business Research in Energy and the Environment (CABREE), University of Alberta School of Business.

07/00 – present: Associate Professor and H.&R. Drilling Professor of Regulatory Economics, University of Alberta School of Business.

06/99 – 07/00: Professor, Department Economics, Université Laval.

07/97 – 07/00: Director of the Groupe de recherche en économie de l'énergie, de l'environnement et des ressources naturelles (GREEN), Department Economics, Université Laval.

08/96 - 06/97 - invited lecturer and scholar, Public Utility Research Center (PURC) and Department of Economics, University of Florida

06/94 - 05/99: Associate professor, Department Economics, Université Laval.

06/93 - 05/94: Associate professor, Department of Applied Economics, Université Laval.

10/90 - present: member of the Groupe de recherche en économie de l'énergie et des ressources naturelles (GREEN), Université Laval.

07/90 - 05/93: Assistant professor, Department of Applied Economics, Université Laval.

08/88 - 06/90: Member of technical staff at AT&T Bell Laboratories, Holmdel, NJ.

01/85 - 06/88: Research assistant at the Operations Research Center, University of California, Berkeley.

- 01/84 - 12/85: Instructor, department of IEOR, University of California, Berkeley.
- 05/84 - 10/84: Research consultant for Engineering-Economics Associates, Berkeley, CA.
- 05/82 - 08/82: Project assistant for Bell Canada, Hull, Québec.
- 06/81 - 08/81: Summer intern for Hydro-Québec, Montréal, Québec.
- 05/80 - 08/80: Scholarship intern for General Motors of Canada, Oshawa, Ontario.

## REFEREED PUBLICATIONS

- C. Jacques, G. Lafrance and J.A. Doucet, "Inertia in the North American electricity industry; is it realistic to think that they Kyoto Protocol objectives can be met?" 29:453-463 *Energy Policy* 2001.
- P. Barla, J.A. Doucet and J.D. Saphores, "Protection des habitats d'espèces menacées en terres privées: analyse d'instruments et de la politique canadienne", *Analyse de politiques- Canadian Public Policy*, XXVI (1): 95-110, 2000.
- J.-T. Bernard and J.A. Doucet, "L'ouverture du marché d'exportation d'électricité québécoise: réalité ou mirage à l'horizon" *Analyse de politiques - Canadian Public Policy* XXV(2) :247-258, 1999.
- J.A. Doucet and A. Giles Heyes "Restructuring of Ontario's Electricity Supply System: An Analysis of the Proposals", *Utilities Policy* 6(4):271-282, 1998.
- J.A. Doucet, Eftichios Sartzetakis and Todd Strauss "CAAA Induced Competition in Coal Markets: A Model of Coal and Allowances", *Pacific and Asian Energy Journal* 7(2): 193-206, 1997.
- J.A. Doucet, K.J. Min, M. Roland et T. Strauss, "A Two-Stage Mechanism for Efficient Self-Rationing and Market Coordination", *Energy Economics* 18(3):247-263, 1996.
- J.A. Doucet, K.J. Min, M. Roland et T. Strauss, "A Two-Stage Mechanism To Improve Electricity Rationing" *Canadian Journal of Economics* Vol XXIX, Special issue, pp S270-S275, 1996.
- J.A. Doucet et T. Strauss, "On the Bundling of Coal and Sulfur Dioxide Emissions Allowances." *Energy Policy* 22(9):764-770, 1994.
- J.A. Doucet, "Coordination of Non-Utility Generation Through Priority Purchase Contracts." *The Energy Journal* 15 (1):179-192, 1994.
- J.A. Doucet, "Incentives for Cogeneration: Comments and Perspectives" *Energy Studies Review* 5(2):99-103, 1993.
- J.A. Doucet et Michel Roland, "Efficient Self-Rationing of Electricity Revisited", *Journal of Regulatory Economics* (5):91-100, 1993.
- J.A. Doucet, "Residential Dual Energy Programs: Tariffs and Incentives", *Energy Studies Review* 4(1):55-65, 1992.

J.A. Doucet et S.S. Oren, "Onsite Backup Generation and Interruption Insurance for Electricity Distribution", *The Energy Journal* 12(4):1-15, 1991.

S.S. Oren et J.A. Doucet, "Interruption Insurance for Generation and Distribution of Electric Power", *Journal of Regulatory Economics* 2(1):5-19, 1990.

## **PROCEEDINGS**

J.A. Doucet, K.J. Min, M. Roland and T. Strauss, "Electricity Rationing Through A Two-Stage Mechanism", United States Association for Energy Economics and International Association for Energy Economics 16th North American Conference Proceedings, pp: 274-283, November 1994.

J.A. Doucet, E. Sartzetakis and T. Strauss, "Vying for Market Share: Coal Companies and the Strategic Use of Sulfur Dioxide Emissions Allowances", United States Association for Energy Economics and International Association for Energy Economics 16th North American Conference Proceedings, pp: 136-145, November 1994.

## **PROFESSIONNEL SOCIETIES**

Member of the following societies

*American Economic Association*

*Canadian Economics Association*

*International Association for Energy Economics*

*Association of Environmental and Resource Economists*

## **CONSULTING EXPERIENCE**

I have provided economic analysis and written consulting reports on regulatory issues and firm strategy for various private and public bodies (such as EPCOR, the Alberta Energy and Utilities Board, Gaz Métropolitain, Régie de l'énergie du Québec, Natural Resources Canada and Environment Canada). Much of this work has focused on energy and electricity markets, and on Kyoto strategies and flexibility mechanisms. I have participated in the analysis and review of various electricity projects (hydro and nuclear), for both Federal and Provincial agencies. Recently I was a member of the *Kyoto Mechanisms Table* of the Canadian Climate Change Process.