

Biographies of CAC MB Expert Consultants

Philippe Dunsky

Mr. Dunsky brings over twenty years of experience advising clients in the fields of energy efficiency and demand-side renewable energy. He has extensive experience in the design and evaluation of effective plans, policies, programs and opportunities, for clients ranging from electric and gas utilities to government agencies, private power producers, non-profit organizations and solution provider firms across North America.

Mr. Dunsky has been qualified as an expert witness on issues relating to energy efficiency and demand-side management on more than a dozen occasions, including on two prior occasions before the Manitoba Public Utilities Board.

Kyrke Gaudreau

Kyrke Gaudreau is the Sustainability Manager for the University of Northern British Columbia. Kyrke recently completed his PhD in social and ecological sustainability at the University of Waterloo where his research focused on the sustainability assessment of energy systems. Kyrke has consulted on various strategic and environmental assessments of energy systems in Canada, including the Ontario Power Authority's Integrated Power Systems Plan and Ontario Power Generation's proposed Deep Geological Repository. Kyrke has researched energy systems sustainability in several different countries. Kyrke serves on the editorial board of *Alternatives Journal*, where he writes for a popular audience on a variety of environmental, social and technical issues. He also co-authored *Framework for Sustainability-Based Assessment*, a Report for the Manitoba Clean Environment Commission in proceedings relating to the Keeyask proposed project.

Bob Gibson

Robert B. Gibson is a professor in the Department of Environment and Resource Studies at the University of Waterloo, Ontario, Canada, where he has taught since 1981. He mostly works on environmental policy issues and broader sustainability imperatives. His involvement with environmental assessment law, policy and process issues dates back to the mid 1970s and includes work in most provinces and all three territories. Over the past decade, he has focused on integrating sustainability considerations in land use decision making in urban growth management, corporate greening initiatives, and special area governance, as well as environmental assessments at the project and strategic levels. Most recent projects focus on application of the principles set out in his book on *Sustainability Assessment*, published by Earthscan in 2005 including co-authorship of *Framework for Sustainability-Based Assessment*, a report for the Clean Environment Commission (CEC) and testified as a qualified expert before the Manitoba Clean Environment Commission in proceedings relating to the Keeyask proposed project.

Doug Gotham

Dr. Gotham holds a PhD in electrical engineering. He is an expert in utility and market operations, system planning and load forecasting. He has particular experience within the MISO marketplace. Dr. Gotham frequently serves as an instructor on the subject of load forecasting at Regulatory Studies Programs and Grid Schools at the Institute of Public Utilities, Michigan State University.

Dr. Gotham is the Director of the State Utility Forecasting Group (SUFG) at Purdue University. SUFG is an independent research and analysis group, established by the Indiana General Assembly, funded by the state government through the Indiana Utility Regulatory Commission (IURC), and dedicated to providing forecasts of electricity consumption, production, and prices for eight utilities in the state.

Under its legislative mandate, SUFG is obliged to assess the probable future growth of the use of electricity within Indiana and within this region of the nation. The state of Indiana is within the MISO region. Like the Province of Manitoba, Indiana experienced relatively stable prices until the middle part of the last decade. It has seen sharper price increases since then.

Dr. Gotham served as one of two Indiana delegates to the Eastern Interconnection States Planning Council (EISPC), an organization consisting of 39 states, the District of Columbia and various Canadian provinces. EISPC worked with various stakeholders to develop scenarios to be incorporated in long-term resource planning for the Eastern Interconnection. Additional EISPC responsibilities included serving as head of the Modeling Working Group, member of the Futures Working Group, and member of the EISPC President's Technical Team. He currently serves as an advisor to EISPC on issues associated with modelling and engineering.

Bill Harper

Mr. Harper is an associate consultant with Econalysis Consulting Services and has over 25 years' experience in the electricity industry gained through positions held with the Ontario Ministry of Energy and Ontario Hydro (and one of its successor companies Hydro One Networks). While at Ontario Hydro, his responsibilities included Ontario Hydro's wholesale rates and Ontario Hydro's regulation of the province's municipal electric utilities; as well as the coordination of the Company's overall participation in public review processes. He has testified frequently before the OEB on rates and regulatory matters. He also testified before the Ontario Environmental Assessment Board with respect to Ontario Hydro's Demand/Supply Plan.

Since joining ECS in 2000, he has provided support to intervenors in energy proceedings in British Columbia, Manitoba, Ontario and Quebec on rates, revenue requirements, industry restructuring and resource planning. He has testified as an expert witness before the Manitoba Clean Environment Commission, the Manitoba Public Utilities Board and the Quebec Régie de l'énergie.

With specific regards to resource planning, Mr. Harper has appeared as an expert witness before the Régie with respect to Hydro Quebec Distribution's 2001 and 2004 Supply Plans and before Manitoba Clean Environment Commission with respect to its Needs For and Alternatives Review of Manitoba Hydro's proposed Wuskwatim Project. Mr. Harper has also assisted clients in British Columbia with their participation in public reviews undertaken by the BCUC of integrated resource plans prepared by BC Hydro and FortisBC Inc. and, similarly assisted clients in Ontario with their participation in an OEB review of the Ontario Power Authority's 2007 Integrated Resource Plan for Ontario's electricity sector.

Dr. Higgin:

Principal of Sustainable Planning Associates Inc.
Energy Regulatory Services to Public Interest Clients

Dr. Higgin:

- Served as Ontario Energy Board Member for two periods totalling 7 years - retired in 2000
- Senior Public Servant in Energy and Environment Policy and Program areas
- 13 years' experience as consultant to various Canadian Clients on both Gas and Electric Rate and Other Cases, including Incentive Regulation Mechanisms and Conservation and Demand Side Management
- Has testified as Expert on several regulatory matters in Quebec, Alberta, and Manitoba
- Recent Consulting Assignments include Incentive Regulation Plans for Toronto Hydro, Hydro One Distribution and Hydro One Transmission. Earnings Sharing Mechanism cases for Union Gas Limited, Enbridge Gas Distribution Inc. and Hydro Quebec.

More specifically relevant to the NFAT, Dr. Higgin:

- Was part of the CAC/MSOS team for the 2003 Wuskwatim NFAT
Testified/provided specific input on DSM, Renewables and Costs arising from First Nations Business Arrangements
- Has extensive expertise in Policy Development and Application including Conservation and Renewable Energy
- Has extensive experience as Energy Regulator- balancing public interest issues with rate setting requirements

Wayne Simpson

Dr. Simpson has a PhD from the London School of Economics (1977) and is a Full Professor in the Department of Economics at the University of Manitoba, where he has taught since 1979. His areas of academic expertise include labour economics, applied econometrics, applied microeconomics, and economic and social policy analysis. He has authored or co-authored three books and more than fifty peer-reviewed articles on these and related topics. He is currently on the editorial board of *Canadian Public Policy*, Canada's foremost peer-

reviewed academic journal for economic and social policy.

In addition to his academic career, he has worked at the Bank of Canada, the federal Department of Labour, and the Economic Council of Canada. He has also served as a consultant to the private sector and government, primarily in the areas of labour economics and policy evaluation. In recent years, he has served as an expert adviser to Prairie Research Associates (PRA) Inc. and Human Resources and Skill Development Canada as well as to CAC Manitoba through the Public Interest Law Centre. He has provided expert opinion to the Public Utilities Board on behalf of CAC Manitoba at the 2007 and 2010 Manitoba Public Insurance Rate Applications and the 2007 Hearing to Cap Payday Loan Fees.

His professional expertise in applied microeconomics and applied econometrics provides a useful foundation for the analysis of issues related to the assessment of the methodology used to identify and evaluate alternative development plans for Manitoba Hydro.

Harvey Stevens

Education

M.A. in Sociology, University of Toronto, 1972

Additional courses in Economics at University of Manitoba 1989/90

Work Experience

Research Sociologist with Mincome Manitoba 1973 to 1976

Research Associate with Social Planning Council of Winnipeg 1976 to 1990

Senior Policy Analyst with Province of Manitoba 1990 to 2009.

Publications

Dean, James, Derek P.J. Hum and Harvey Stevens. "Reform Revisited: The 1990 Winnipeg Reassessment." *Canadian Tax Journal* 39.5 (1991): 1305-1312.

Stevens, Harvey. "The Effectiveness of Community Employment Programs for SA Recipients: An Evaluation of the City of Winnipeg's Community Services Programs." *Canadian Journal of Program Evaluation* (Summer 1997): 71-86.

Stevens, Harvey, W. Simpson and S. Frankel. 2011. "Explaining Declining Social Assistance Participation Rates: A Longitudinal Analysis of Manitoba Administrative and Population Data." *Canadian Public Policy*, XXXVII No. 2: 1-19.