



REPLY TO: Jessica Saunders  
FILE NO.: 37462-001

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September 13, 2013

**\*\*\*VIA Email and Regular Mail\*\*\***

The Public Utilities Board  
400-330 Portage Ave.  
Winnipeg, MB R3C 0C4

**Attention: Hollis Singh, Secretary**

Dear Sir:

**Re: Manitoba Metis Federation (MMF) Submission to the PUB  
Regarding Matters Arising from the NFAT Pre-Hearing Conference  
of September 4, 2013**

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In accordance with the PUB's direction to provide the MMF's submission on matters discussed at the Pre-Hearing Conference on September 4, 2013, we are providing you with an overview of the MMF's proposed intervention, revised scope of work and budgets for current MMF consultants and witnesses and a scope of work and budget for evidence and a witness MMF is proposing to call in the area of community power opportunities.

In addition, having reviewed Hydro's Filing and having started to work with consultants and witnesses in the preparation of MMF's evidence, we are also providing you with a revised scope of work and budget for MMF legal counsel.

**Overview of MMF's Proposed Intervention**

Since reviewing Manitoba Hydro's ("Hydro") Proposed Preferred Development Plan (the "Plan") and alternatives (together, "Hydro's Filing"), the MMF has had the opportunity to consider its role in and where it can best contribute to the PUB's review of Hydro's Filing in the NFAT.

*Socio-economic & Macro Environmental Impacts/Benefits* – I can advise that the MMF is not seeking to revise its participation with respect to its consideration of items (c) to (e) as set out on page 28 of Order 67/13<sup>1</sup>. We will provide a summary of MMF's proposed evidence for these items in order to provide a complete overview of MMF's proposed intervention in this submission.

*Impact on Rates & Financial and Economic Risks* – The MMF is further advising the PUB that we will be addressing, through collaboration with other interveners, items (a) and (b) as set out in Order 67/13<sup>2</sup> that are already in-scope for MMF but were not previously outlined in the MMF's July 2, 2013 submission in response to Order 67/13.

*Background Evidence on the Manitoba Metis Community* – The MMF is also requesting that the PUB hear background evidence on the Manitoba Metis Community in order to contribute to a greater understanding of the potential impacts and benefits of the Plan and alternatives to the Manitoba Metis Community.

*Community Power Opportunities* – Lastly, the MMF is proposing that the PUB consider hearing evidence from the MMF on community power opportunities.

Below, we provide the scope of work for each area of MMF's proposed evidence.

### ***Socio-economic and Macro Environmental Impacts/Benefits***

Consistent with the PUB's scoping out of the meaning of "Socio-economic" in Order 92/13, Meghan Birnie and Abbie Stewart of MSES Inc. ("MSES") will assess whether the Plan is justified as superior to potential alternatives that could fulfill the need, including consideration of the socio-economic impacts and benefits of the Plan and alternatives to the Manitoba Metis Community and Northern and Aboriginal communities<sup>3</sup>.

With respect to socio-economic impacts and benefits, in addition to the expertise of MSES, Rick Hendriks of Camerado Energy Consulting Inc. ("Camerado")<sup>4</sup> will consider the methodology for comparison of the Plan and alternatives, the capacity of the Manitoba Metis Community and other Northern and Aboriginal communities' ability to attain purported benefits and cope with potential impacts.

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<sup>1</sup> (c) socio-economic impacts and benefits of Manitoba Hydro's Preferred Development Plan and alternatives to Northern and Aboriginal communities; (d) Macro environmental impacts of the PDP compared to alternatives; and (e) whether the PDP is the highest level of overall socio-economic benefit to Manitobans.

<sup>2</sup> (a) impact on domestic rates; (b) financial and economic risks.

<sup>3</sup> Except "First Nations", which is in scope for the Manitoba Keewatinowi Okimakanak (MKO) in Order 67/13.

<sup>4</sup> You will note that Rick Hendriks of Camerado Consulting is contributing to our evidence regarding the issues of Socio-economic and Macro Environmental Impacts/Benefits, and is also assisting in all other areas – our collaboration with other interveners on Impacts and Rates & Financial and Economic Risks and if approved by the PUB, in community power opportunities.

Consistent with the PUB's scoping out of the meaning of "Macro Environmental" in Order 92/13, MSES will review the Plan and consider the approach and methods used to identify, assess and compare adverse cumulative environmental effects on traditional resources of the Manitoba Metis Community including flora and fauna. Additionally, MSES will consider the practical plans to manage and mitigate cumulative impacts to traditional resources of the Manitoba Metis Community.

With respect to macro environmental impacts, Camerado will consider among other things: methodologies for defining, categorizing and comparing the adverse environmental changes that compose the macro-environmental impact; consideration of management of the environment for the equal benefit of present and future generations; consideration of anticipation, prevention and mitigation of the significant adverse environmental effects of the Plan and its alternatives; and consideration of the potential for rehabilitation and reclamation of the adverse environmental changes associated with the Plan and its alternatives.

Having reviewed Hydro's Filing and the direction from the PUB in Order 92/13 and having gained a better understanding of the NFAT procedure, we attach for your consideration at Schedule "A", the revised budget for MSES and at Schedule "B", the revised budget for Camerado.

#### ***Impact on Rates & Financial and Economic Risks***

The MMF continues to work with the Consumer's Association of Canada, Manitoba Chapter (CAC) in discussing potential for collaboration on common issues. During the Technical Conference on September 5, 2013, our expert consultant Mr. Rick Hendriks had the opportunity to meet with CAC expert witness Mr. Bill Harper to discuss potential collaboration on the impact on domestic rates and financial and economic risks.

As we previously informed the PUB in our submission of July 2, 2013, we have agreed to suggest the calling of a panel of ratepayers and will continue working with the CAC regarding the specific details of this panel. We anticipate further discussions with Mr. Williams and his client regarding our clients' collaboration in these areas.

#### ***Background Evidence on the Manitoba Metis Community***

While we are mindful of the requirement not to duplicate evidence that is already being called in the Clean Environment Commission hearings on Keeyask, the MMF is of the view that for the purposes of the NFAT, there is a need to provide a better understanding of the Manitoba Metis Community. This information will assist in understanding how the Metis will be potentially impacted and/or benefited by the Plan and alternatives and will assist in providing a greater understanding of how the Manitoba Metis Community differs from other Aboriginal communities.

The MMF proposes the preparation of a document that will provide this information that can then be submitted as part of MMF's evidence due January 16, 2013<sup>5</sup>. Alternatively, the MMF could endeavor to provide this document in advance of this date so that the PUB might have the benefit

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<sup>5</sup> Or the deadline for the submission of intervener evidence as otherwise determined by the PUB.

of this information prior to the PUB's review of MMF's evidence. We propose that the most appropriate witness to provide this evidence in oral hearings is MMF President David Chatrand.

Order 67/13 directs that there are certain issues and topics out of scope for the NFAT and while we will follow that direction and will not be arguing and/or including those issues and topics as part of our participation in the NFAT, certain aspects of those issues and topics may form part of this evidence in the form of a foundational discussion in understanding the Manitoba Metis Community. The intent of this evidence is to inform the PUB and others who may not be familiar with the Manitoba Metis Community and not to bring into argument those matters that are out of scope as set out in Order 67/13.

### ***Community Power Opportunities***

For the past few years, the MMF has developed and implemented a successful firewood program. Consistent with the Metis custom of protecting and ensuring the well-being of Metis Elders, the MMF engages local community members to harvest firewood for Elders who prefer to use woodstoves during the winter as an alternative to electric heat. Through this program, the MMF is upholding Metis traditions and at the same time, at a more technical level, is partaking in fuel-switching that brings benefits to the Elders saving money on their Hydro bills and to the community members harvesting firewood.

It is this kind of innovation that the MMF would encourage Hydro and the Province to build upon. It is this potential for partnerships and opportunities that the MMF would consider supporting in the development of electrical energy in the province and it is this kind of evidence that the MMF respectfully requests the PUB consider hearing in the NFAT. The MMF is seeking to contribute to an analysis of the Plan and alternatives that would allow for the consideration of opportunities for meaningful partnership and engagement with the Manitoba Metis Community and other communities in Manitoba in the production and conservation of electrical energy.

Having reviewed Hydro's Filing and other Interveners' proposed interventions, the MMF is proposing to call evidence on the potential for community power production for the Manitoba Metis Community and other individuals and communities throughout Manitoba. These opportunities would allow for community-owned renewable energy projects that communities like the Manitoba Metis Community could plan, develop, operate and own.

The MMF takes the position that community power opportunities would provide a high overall benefit to Manitobans and must be considered as part of the PUB's review of the Plan and alternatives. Further, these opportunities could be considered not only as an alternative or part of a specific alternative to the Plan but as a valuable supplement to the Plan and any alternatives under consideration. A number of models could be examined through the evidence to be called by the MMF.

Specifically, community power opportunities could be considered as part of an alternative coupled with industrial wind and aggressive conservation. Viewing community power opportunities as a supplement to the Plan and alternatives designed to reduce interconnected load growth in Manitoba, we may find, would allow for more energy to be exported to displace fossil fuels in target markets and within the province. Alternatively, community power opportunities could

become a means of meeting domestic load in the event that export opportunities do not fully materialize and the need for a large capital expenditure on large scale hydroelectric development does not evolve as expected.

The MMF proposes to submit evidence with the assistance of Ms. Deborah Doncaster the Executive Director of the Ontario Community Power Fund, Ms. Judith Lipp the Executive Director of the TREC Renewable Energy Cooperative and Mr. Kristopher Stevens the Executive Director of the Ontario Renewable Energy Association, all of which are based out of Ontario. Additional evidence will also be gathered and presented concerning the experience of Minnesotans and American Indian communities in Minnesota currently developing community wind and other electrical energy projects for sale into the MISO market. These representatives would collaborate with MMF and our consultants in producing a report to be submitted as part of MMF's evidence that would outline the following:

- the scope of community power opportunities and programs available in Ontario and Minnesota, including for Aboriginal communities, municipalities, co-operatives, etc;
- the tangible and intangible socio-economic benefits of community power in Ontario and Minnesota to Aboriginal communities, municipalities, co-operatives, etc.
- the evolution of the economic competitiveness of community power since the start of community power programs in Ontario and Minnesota;
- environmental benefits of community power, in addition to the reduction of GHG emissions;
- the evolution of the policy environment that has resulted in the current programs in other jurisdictions;
- best practice suggestions on the development and implementation of community power opportunities, based on the experience in Ontario and potentially the experiences in other jurisdictions based on the witness' knowledge and experience;
- the role of community power in meeting the electricity needs of Ontario and other jurisdictions, including reductions to peak load;
- development of a conceptual model of community power for the Manitoba Metis Community and Manitobans more generally.

The MMF would then call one of these representatives to provide this evidence in collaboration with our other experts in oral hearings. CVs of Deborah Doncaster and Judith Lipp are attached as Schedule "C". We will provide a CV for Kristopher Stevens as soon as we are in receipt of same. The budget for this evidence is attached as Schedule "D".

**Revised Scope of Work and Budget for MMF Legal Counsel**

Since providing you with our budget for legal fees in our letter of August 30, 2013, we have had more organizational planning sessions (mmf objecwith our client and our client's consultants

which has resulted in more time in preparation of our approach to and our evidence to be filed in the MMF's intervention. We felt it necessary to provide a more accurate estimate for our time with respect to preparation for hearings. We apologize for submitting another submission for your review in this regard, but we think that all previous uncertainties regarding the budget for legal fees are better understood. As a result, our revised final budget for legal fees is attached as Schedule "E".

**Conclusion**

The MMF is of the view that the quality of evidence it is proposing to call in the NFAT will contribute greatly to the PUB's task in providing recommendations to the Province regarding Hydro's Filing. If you have any questions or if you require any further information please contact us at your earliest opportunity.

Yours truly,

**MYERS WENBERG LLP**

Per: 

**JESSICA SAUNDERS**

JMS/bm

- cc. R.F. Peters, Board Counsel, Fillmore Riley LLP  
Patricia J. Ramage and Marla D. Boyd, Manitoba Hydro  
President Chartrand, Al Benoit and Marci Riel, MMF  
Registered Interveners
  
- att. Schedule "A": Budget for MSES  
Schedule "B": Budget for Camerado  
Schedule "C": CVs proposed witnesses on Community Power Opportunities  
Schedule "D": Budget for Community Power Opportunities  
Schedule "E": Budget for MMF Legal Counsel

# **Schedule “A”**

<b>Document Review, Development of IRs and Preparation of Evidence, Hearing Preparation</b>				
<b>Discipline</b>	<b>Personnel</b>	<b>Rate</b>	<b>Hours</b>	<b>Cost Subtotal</b>
Review relevant environmental and socio-economic sections of Preferred Development Plan (PDP) and prepare Round 1 Information Requests	Abbie Stewart	\$135	56	\$7,560
	Meghan Birnie	\$165	132	\$21,780
Review relevant environmental and socio-economic IR Responses and prepare Round 2 Information Requests	Abbie Stewart	\$135	24	\$3,240
	Meghan Birnie	\$165	72	\$11,880
Prepare final report identifying gaps and providing recommendations	Abbie Stewart	\$135	24	\$3,240
	Meghan Birnie	\$165	44	\$7,260
Review Independent Expert Evidence	Abbie Stewart	\$135	<u>12</u>	<u>\$1,620</u>
	Meghan Birnie	\$165	<u>24</u>	<u>\$3,960</u>
Prepare IRs on Independent Expert Evidence	Abbie Stewart	\$135	<u>16</u>	<u>\$2,160</u>
	Meghan Birnie	\$165	<u>32</u>	<u>\$5,280</u>
Respond to IRs on Intervener Evidence	Abbie Stewart	\$135	<u>16</u>	<u>\$2,160</u>
	Meghan Birnie	\$165	<u>32</u>	<u>\$5,280</u>
Hearing Preparation & Attendance	Abbie Stewart	\$135	48	\$6,480
	Meghan Birnie	\$165	48	\$7,920
Subtotal Document Review, Development of IRs and Preparation of Evidence, Hearing Preparation				\$89,820
<u>Total Travel Expenses – PUB Hearings</u>				<u>\$3,000</u>
<b>Total Cost Estimate:</b>				<b>\$92,820</b>

Revisions are underlined



# **Schedule “B”**

<b>Document Review, Development of IRs and Preparation of Evidence, Hearing Preparation</b>				
<b>Discipline</b>	<b>Personnel</b>	<b>Rate</b>	<b>Hours</b>	<b>Cost Subtotal</b>
Review Technical Conference Materials	Rick Hendriks	\$125	12	\$1,500
Participate in Technical Conferences	Rick Hendriks	\$125	<u>24</u>	<u>\$3,000</u>
Review NFAT Filing	Rick Hendriks	\$125	60	\$7,500
Prepare Round 1 IRs	Rick Hendriks	\$125	20	\$2,500
Review Round 1 IR Responses and evidence from other interveners	Rick Hendriks	\$125	16	\$2,000
Preparation of Round 2 Information Requests	Rick Hendriks	\$125	20	\$2,500
Review Round 1 IR Responses and evidence from other interveners	Rick Hendriks	\$125	16	\$2,000
Prepare IRs on Independent Expert Evidence	Rick Hendriks	\$125	20	\$2,500
Review Independent Expert Responses	Rick Hendriks	\$125	16	\$2,000
Prepare Intervener Evidence	Rick Hendriks	\$125	<u>80</u>	<u>\$7,500</u>
Review Responses to Intervener Evidence	Rick Hendriks	\$125	16	\$2,000
Hearing Preparation	Rick Hendriks	\$125	32	\$4,000
Hearing Participation	Rick Hendriks	\$125	<u>40</u>	<u>\$5,000</u>
<b>Sub-total Document Review, Development of IRs &amp; Preparation of Evidence</b>				<b>\$44,000</b>
Travel Expenses – Technical Conferences				<b>\$1,500</b>
Travel Expenses – PUB Hearings				<b>\$3,500</b>
<b>Total Cost Estimate</b>				<b>\$49,000</b>

Revisions are underlined

# **Schedule “C”**

# DEBORAH A. DONCASTER

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416-824-4866 | debdoncaster@sympatico.ca

## Professional & Personal Profile

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- 17 years work experience in environmental sectors related to land use planning, energy, community engagement, and environmental education
- 12 years senior management experience with 3 organizations as Executive Director
- Exceptional advocate, collaborator, campaigner, fundraiser, educator and speaker
- Excellent leadership, strategic planning, management and communications skills
- Values leadership qualities of wisdom, sincerity, benevolence, courage & commitment
- Driven by meaningful community engagement and direct engagement with the natural world

## Key Achievements

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- Founded several ENGOs and Coalitions to further renewable energy policy and project development in Ontario: WindShare, Ontario Sustainable Energy Association, Community Power Fund, Green Energy Act Alliance, Ontario Citizens Coalition for Clean Energy, Community Power Capital
- Initiated and lead successful campaigns for Ontario's Renewable Energy Standard Offer Program and Ontario's Green Energy Act and Feed-in-Tariff Program
- Was the catalyst behind the development and/or participation of over 65 community-based organizations in Ontario's green energy sector
- Initiated and supported environmental and outdoor education programs for children: The Grove, OAK, Toronto Trekkers, TREC Education
- Initiated and lead a successful campaign for the adoption of an ecological planning and management approach to parks and green spaces for Great Lakes regional and municipal governments
- Developed and published a land use guidebook for managing Canada Geese and urban wildlife in parks and green space for Great Lakes municipalities
- Responsible for the contribution of over \$60 mm in funds to support the community and aboriginal power sectors & raised over \$7.5 mm in donations to support green power education and policy development
- Initiated, developed and facilitated hundreds of workshops, conferences and webinars

## Awards

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- Ontario Trillium Foundations "Great Grants" Award (2005) for animating over 65 communities to develop community power organizations and projects
- Canadian Solar Industries Association "Advocate of the Year" Award (2005) for initiating a campaign for Ontario's Renewable Energy Standard Offer Program
- Canadian Wind Energy Associations "Leadership" Award (2006) for affecting Ontario's Renewable Energy Standard Offer Program
- City of Toronto's "Market Transformation Award" in 2009 for affecting Ontario's Green Energy Act and Feed-in-Tariff Program



# DEBORAH A. DONCASTER

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## Education

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- ◆ Master of Environmental Planning, York University (1999)
- ◆ Master of Legal Studies, Environmental Law and Policy, Carleton University (1998)
- ◆ Bachelor of Arts, Law and Philosophy, Carleton University (1996)

## Professional Experience

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### **Community Power Fund – Executive Director** 2007–Present

- ◆ Successfully campaigned for a \$3 mm contribution from the Government of Ontario to provide grants for community organizations to develop and own renewable energy projects across the province.
- ◆ Directed a campaign for a Green Energy Act and Feed-in-Tariff (FIT) for Ontario from February 2008 to April 2009 when the Act was legislated.
- ◆ Successfully campaigned for a stronger grant program resulting in the Community Energy Partnerships Program (CEPP) and the Aboriginal Renewable Energy Fund (AREF), each of which receive \$10 million annually to support community and aboriginal community power projects.
- ◆ Successfully competed in the bid to manage the CEPP on behalf of the Ontario Power Authority under a 3-year contract & \$600,000 annual operating budget.
- ◆ Successfully launched a capital fund, Community Power Capital, to provide bridge financing to community and aboriginal power projects.
- ◆ Successfully completed a capacity building and education program on behalf of the Ontario Power Authority to increase the capacity of Community Power Co-operatives to initiate, develop and manager renewable energy projects.

### **“OAK” Out-door Active Kids – Co-ordinator** 2010–Present

- ◆ Successfully engaged children and their families in activities oriented to environmental engagement and exercise.
  - Developed and managed an affordable after-school program allowing children to be outdoors, active and unstructured from 3:30-5:30.
  - Facilitated PA day hiking excursions for children and their families.
- ◆ Originated the Grove Alternative School, an alternative school within the TDSB dedicated to social justice and the environment.

### **Citizens Coalition for Clean Energy – Executive Director** 2011–2013

- ◆ Successfully raised \$450,000 to run an election campaign in 18 ridings to engage Ontario citizens in an effort to save Ontario’s landmark Green Energy Act.
- ◆ Developed an alternative policy framework document re-framing the FIT program as a hedge strategy in the event of a change in government.

### **Ontario Sustainable Energy Association – Executive Director** 2001–2007

- ◆ Successfully raised over \$2 mm in grant money, donations and member fees to initiate and build Ontario’s community power sector.
- ◆ Successfully animated over 65 community organizations across the Province.
- ◆ Successfully initiated and secured policies and programs to meet the goals and objectives of the organization (Standard Offer Contract policy, Community Power Fund, Community Power Training Program).
- ◆ Developed a comprehensive and effective membership structure, communications materials and processes, human resource policies, strategic plans, and AGMs for the organization.



# DEBORAH A. DONCASTER

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## **Toronto Renewable Energy Co-op – Project Manager** 1999–2001

- ◆ Designed, managed and successfully completed Federal and Provincial Environmental Assessment approvals for the development of two utility-scale wind turbines for Toronto waterfront.
- ◆ Managed Land Use Planning process for 2 wind turbine sites, Exhibition Place and Ashbridges Bay Sewage Treatment Plant.
- ◆ Managed Lease negotiations with City Solicitor's Office, Toronto Port Authority and Exhibition Place for wind turbines.
- ◆ Managed contribution agreement with Federal funder involving EcoLogo certification and emissions offset quantification.
- ◆ Developed and managed EA conditions for Exhibition Place wind turbine.
- ◆ Co-managed and implemented sales and marketing campaign for WindShare, to raise \$500,000 in share equity for the Exhibition Place wind turbine.

## **Animal Alliance of Canada – Urban Ecology Planner** 1997–1999

- ◆ Policy Research:
  - ◆ Land use planning for the preservation of urban wildlife in context of Toronto Official Plan, Planning Act and Provincial Policy Statements
  - ◆ Initiated and lead a successful campaign for the adoption of an ecological planning and management approach to parks and green spaces for Great Lakes regional and municipal governments
  - ◆ Best practices – Integrated Wildlife Management in Urban Environments
- ◆ Development of Management Plans:
  - ◆ Ecological Landscaping for Ecological Restoration and Wildlife Diversity (City of Mississauga, Washington DC)
  - ◆ Integrated wildlife management (Pearson Airport, Downsview Lands)

## **Allen Kani Associates – Environmental Consultant** 1997

- ◆ Developed "Green Infrastructure Plan" for Downsview Lands.
- ◆ Managed a public process for developing the Downsview Lands Plan.
- ◆ Researched and developed "Best Practices Manual Green Architecture, Landscaping and Engineering" for the company.

## **York University – Teaching Assistant** 1996–1998

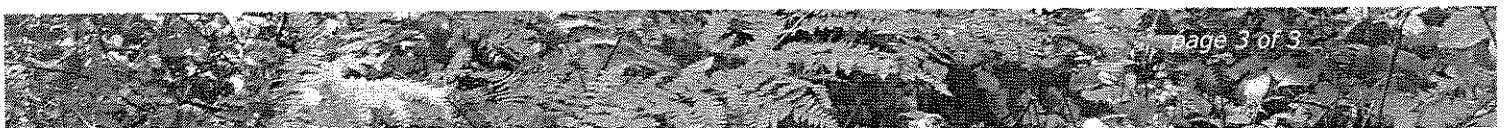
- ◆ Taught first year foundations course in social science division.
- ◆ Held weekly tutorials and office hours, and taught several lectures.
- ◆ Developed materials for writing and grammar portion of the course.

## **National Association of Women and the Law – Researcher** 1996

- ◆ Wrote a report for presentation to the Law Society of Upper Canada on discrimination of women in the practice of law in Canada.
- ◆ Consulted with representatives from women's legal organizations across Canada and various NAWL Committees during drafting stages.
- ◆ Presented final report to NAWL members and Directors at 1996 AGM.

## **Centre Equality Rights in Accommodations – Intake Worker** 1994–1996

- ◆ Assessed claims of discrimination in housing sector (private and public housing).
- ◆ Worked with claimants and staff to prepare submissions to Ontario Human Rights Commission.



## JUDITH R. LIPP

### PROFESSIONAL EXPERIENCE

#### **Executive Director, TREC Renewable Energy Co-operative (TREC)**

*April 2008 – on-going*

In my tenure I have managed the development and growth of several key community energy programs (initiating, building, administering), was instrumental in founding and leading the TREC Charitable Foundation (for delivering educational programs related to sustainable energy) and serving as the founding President of Federation of Community Power Co-operatives (to create a common voice for an emerging sector).

Notable TREC programs under my watch: • evolving SolarShare from a TREC program to a successful stand-alone social enterprise, • evolving OurPower from a neighborhood-based initiative to a comprehensive on-line education tool that informed thousands of home owners about their solar potential and investment implications; • launching TREC Services, a program to build local capacity and support community energy initiatives across the province and country based on TREC's 15-year experience. I provide staff management, strategic direction, partnership development, fundraising and an in-depth knowledge of the renewable energy sector. I present regularly to diverse audiences and contribute to provincial and national energy policy discussions.

#### **Independent consulting on energy policy issues**

*December 2005 – March 2008*

• Conducted research projects for the Nova Scotia Department of Energy: 1) assessing policy needs for community-based energy projects and 2) identifying an appropriate demand-side management administration model for the province • Report preparation and proposal writing for energy efficiency projects in Toronto for GreenSaver • Prepared of a *Green Power Vision and Strategy for Atlantic Canada* for Pollution Probe • Co-author of a scoping study for a green electricity code of practice in the UK with researchers at University of Oxford, England.

#### **GPI Atlantic, Halifax, Canada**

*April 2004 - October 2005*

• Lead researcher and project manager on a two-year SSHRC-funded study to identify and describe indicators of energy sustainability for Nova Scotia and assess the full costs of the current energy mix in the province, taking account of environmental and social factors. Co-ordinated a team of five researchers.

#### **Lecturer, guest lecturer and teaching assistant, Dalhousie University, Canada**

*September 2003 – September 2007*

• Co-taught *Introduction to Environmental Science* to 250 students at Dalhousie University.  
• Teaching assistant for 2 third year undergraduate courses  
• Provided occasional guest lectures/presentations to various environmental studies classes at Dalhousie University, especially on energy policy and sustainability issues. Have also presented internationally at the Free University of Berlin, Oxford and Reading Universities, UK and at Nepal's Tribhuvan University, as well as presenting at various conferences (see publication list).

#### **IT Power, Bristol, England**

*January 2002 – July 2003*

• Project co-ordination and proposal writing with the Climate Change Strategy Unit for projects addressing climate change and energy policy. This involved assessing energy policy issues affecting the European Union and project management with multiple European partners.

#### **Environmental Change Institute, University of Oxford, England**

*February 1999 – April 2001*

• Research scientist with the Lower Carbon Futures group developing policy options for greater energy efficiency and renewable energy in the UK and Europe in order to address climate change and other environmental impacts of energy consumption and use. Duties also included proposal writing, project management and co-ordination of stakeholders in the UK's Market Transformation Program.

## EDUCATION

**Co-op Management Certificate**, Schulich School of Business, York University, Canada  
*November 2009 – April 2010*

A unique professional program covering a range of co-op topics: history and context; legislative and regulatory framework; governance, management and membership; co-op development; and financing.

**Interdisciplinary PhD**, Dalhousie University, Canada  
*September 2003 – April 2008*

Thesis title: *Policy Considerations for Transforming the Renewable Energy Market in Canada*. This research examines the policy needs for greater penetration of renewable energy in Canada by exploring the effectiveness and appropriateness of policies used in other countries and applying those lessons to Canada.

**MSc Environmental Change and Management (with distinction)**, Oxford University, England  
*October 1997- September 1998*

Completed this comprehensive program addressing environmental issues, management strategies and assessment methods through taught courses, field trips and a dissertation. I chose to focus on the economics of renewable energy in my thesis, which assessed the financial barriers to renewable energy projects in developing countries; this involved two months field research in Nepal.

**Bachelor of Arts and Honours Certificate in Economics (cum laude)**, Saint Mary's University, Canada  
*September 1991 – May 1994 and September 1995 – May 1996*

Combined Major in International Development Studies and Economics. Completed an honours thesis examining the price elasticity of municipal water demand in Nova Scotia in order to evaluate the effectiveness of price as a tool for water conservation. Completed advanced courses in economics and statistics.

## AWARDS, ACHIEVEMENTS & CONTRIBUTIONS

- Founding Director and President of the Federation of Community Power Co-operatives, Ontario, 2012 - ongoing.
- Elected Vice President, Canadian Renewable Energy Association for a three year term, 2012 - ongoing.
- Named one of the 'Twenty Movers and Shakers' of the Green Energy Act by Green Power Magazine, 2011
- Awarded a 4-year honorary Killam Scholarship for doctoral research at Dalhousie University, Sep'03-Sep'07.
- Recipient of a 4-year PhD scholarship from the Social Sciences and Humanities Research Council of Canada (SSHRC), Sep'03-Sep'07.
- Recipient of the 2006 Dr. Alice E. Wilson Award from the Canadian Federation of University Women.
- Co-built an off-grid, strawbale cottage in Nova Scotia through a collaborative effort that I managed. This involved volunteer co-ordination & hands-on work with natural building techniques, May'04-Sep'07.
- Director of the Board of the Ecology Action Centre, Halifax, Nova Scotia, Aug'03-Sep'05.
- Advisor to and expert panelist in a Deliberative Poll on electricity issues in Nova Scotia (the first of its kind in Canada) hosted by Nova Scotia Power, held with 135 electricity consumers, Jul-Nov'04.
- Completed a certificate in Participatory Research and Action: techniques for integrating local knowledge and learning for the environment and development. Cape Cod, Oct'02.
- Volunteer work and study for six months in South Asia (India, Sri Lanka and Nepal) focusing on social, economic and technical aspects of renewable energy. Most of this time was spent with SELCO, one of India's leading solar energy companies, May-Dec'01

## SKILLS PROFILE

Excellent oral and written communication skills in English and German; conversational abilities in written and spoken French; beginner Portuguese. Publication of numerous articles and reports including many presentations at national and international conferences (see publications list below).



## ***SELECT LIST OF PUBLICATIONS***

- Lapierre-Fortin, E, Lipp, J., McMurtry, JJ (forthcoming). *Renewable Energy Co-op Review: Scan Of Models & Regulatory Issues*, at the Conference of the Canadian Association for Studies in Cooperation (CASC), Montreal, Qc
- Lipp, J. (2011). *Against the Odds a Solar Co-op is Born: SolarShare and Ontario's Green Energy Act* in REFOCUS, September/October 2011, pp 28-30. Elsevier Science Ltd.
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# **Schedule “D”**

<b>Document Review, Preparation of Evidence, Hearing Preparation</b>				
<b>Discipline</b>	<b>Personnel</b>	<b>Rate</b>	<b>Hours</b>	<b>Cost Subtotal</b>
Review relevant sections of Preferred Development Plan and alternatives and research Manitoba Metis Community other communities in Manitoba, electrical energy production and conservation in Manitoba	Deborah Doncaster	\$125	24	\$3,000
	Judith Lipp	\$125	24	\$3,000
	Kristopher Stevens	\$125	24	\$3,000
Preparation of Evidence	Deborah Doncaster	\$125	24	\$3,000
	Judith Lipp	\$125	24	\$3,000
	Kristopher Stevens	\$125	24	\$3,000
Responses to any IRs on Evidence	Deborah Doncaster	\$125	8	\$1,000
	Judith Lipp	\$125	8	\$1,000
	Kristopher Stevens	\$125	8	\$1,000
Hearing Preparation	One of three witnesses	\$125	16	\$2,000
Hearing Attendance	One of three witnesses	\$125	16	\$2,000
Subtotal Document Review, Preparation of Evidence, Hearing Preparation				\$25,000
<u>Total Travel Expenses – PUB Hearings</u>				<u>\$1,500</u>
<b>Total Cost Estimate:</b>				<b>\$26,500</b>

# **Schedule “E”**

## Scope of Work and Budget for MMF Legal Counsel in NFAT

The MMF has required legal counsel for the following:

1. Prepare Intervener Request Form and attend first Pre-Hearing Conference;
2. Prepare response to Order 67/13;
3. Prepare application for review/vary of decision in Order 67/13;
4. Search for expert consultants and witnesses and have initial discussions with proposed expert consultants and witnesses;

The MMF has retained Myers Weinberg LLP (MW) for the following:

5. Development of approach for MMF participation for those items in-scope for MMF as set out in Order 67/13, and further refined by Order 92/13 ("in-scope items for MMF");
6. Research of relevant legislation, literature reviews, and further research on in-scope items for MMF;
7. Retain expert consultants to review the Plan and Alternatives (Hydro's Filing) and work with experts to prepare and provide evidence on in-scope items for MMF;
8. Work with other counsel and Intervener experts in collaborating on common issues;
9. Review Hydro's Filing and all other materials to be provided by Hydro;
10. Review evidence and other materials to be provided by other Interveners, the PUB/PUB's Independent Expert Consultants;
11. Prepare MMF Budget and Invoices;
12. Prepare MMF's direct examination of witnesses on in-scope items for MMF;
13. Prepare MMF's cross examination of witnesses on in-scope items for MMF;
14. Attend second Pre-Hearing Conference;
15. Review transcripts and materials from first Technical Conference and attend second Technical Conference;
16. Complete information requests (IRs) to other parties and review other parties' information requests (inclusive of round 1 and 2 IRs of Hydro and IRs to other Interveners and PUB Independent Expert Consultants);
17. Review and complete IRs from other parties;
18. Prepare for and attend hearings;

19. Prepare and provide MMF's closing argument;

20. Complete all tasks required of legal counsel in MMF's intervention;

<b>Legal Representation</b>				
<b>Discipline</b>	<b>Counsel</b>	<b>Rate</b>	<b>Hours</b>	<b>Cost Subtotal</b>
Intervener Application, Response to Order, Application to Review/Vary (Items 1-4 above)	Jessica Saunders/MMF	\$125	25	\$3,125
Senior Counsel preparation for hearings	Tony Marques/MW	\$200	<u>250</u>	<u>\$50,000</u>
Junior Counsel preparation for hearings	Jessica Saunders/MW	\$125	<u>400</u>	<u>\$50,000</u>
Senior Counsel attendance at hearings (20 days)	Tony Marques	\$200	200	\$40,000
Junior Counsel attendance at hearings (40 days)	Jessica Saunders	\$125	400	\$50,000
Senior Counsel preparation of closing submission	Tony Marques	\$200	40	\$8,000
Junior Counsel preparation of closing submission	Jessica Saunders	\$125	80	\$10,000
<b>Disbursements</b>				<b><u>\$3,500</u></b>
<b>TOTAL</b>				<b><u>\$214,625</u></b>

Revisions underlined.